

Souder, Miller & Associates•201 S. Halagueno St.•Carlsbad, NM 88220 (575) 689-8801

April 6, 2020

#5E28980-BG2

NMOCD District 2 811 S. First St Artesia, NM 88210

SUBJECT: Remediation Closure Report for the Cypress #001H Release (NRM2004932296), in Eddy County, New Mexico.

To Whom it May Concern:

On behalf of Marathon Oil, Permian LLC, Souder, Miller & Associates (SMA) has prepared this Remediation Closure Report that describes the remediation of a release of liquids related to oil and gas production activities at the Cypress #001H site. The site is in Unit M, Section 09, Township 23S, Range 27E, Eddy County, New Mexico, on Private land. Figure 1 illustrates the vicinity and site location on an USGS 7.5 minute quadrangle map.

Table 1 summarizes release information and Closure Criteria.

| Table 1: Release Information and Closure Criteria | | | | | | |
|---|---------------------------------------|------------------------------|--------------------------|--|--|--|
| Name | Cypress #001H | Company | Marathon Oil Permian LLC | | | |
| API Number | 30-015-44046 | Location | 32.31385 -104.20248 | | | |
| Incident Number | Ν | NRM2004932296 | | | | |
| Estimated Date of Release | 2/13/2020 | Date Reported to NMOCD | 2/17/2020 | | | |
| Land Owner | Private | Reported To | NMOCD | | | |
| Source of Release | Nipple washing out near rotoflex unit | | | | | |
| Released Volume | 16.49 bbls | Released Material | Crude oil | | | |
| Recovered Volume | 10 bbls | Net Release | 6.49 bbls | | | |
| NMOCD Closure Criteria | >100 feet to groundwater | | | | | |
| SMA Response Dates | 2/17/2020. 3/14/2020 | | | | | |

Cypress #1H Remediation Closure Report (NRM2004932296) April 6, 2020

1.0 Background

On February 13, 2020, a release was discovered at the Cypress #001H site due to a nipple washing out of a nearby rotoflex unit. Initial response activities were conducted by Marathon Oil, and included source elimination and standing fluid recovery activities, which recovered approximately 10 barrels of fluid. Figure 1 illustrates the vicinity and site location, Figure 2 illustrates the release location. The C-141 form is included in Appendix A.

2.0 Site Information and Closure Criteria

The Cypress 1H is located approximately six (6) miles north west of Loving, New Mexico on private land at an elevation of approximately 3150 feet above mean sea level (amsl).

Based upon water well data (Appendix B), depth to groundwater in the area is estimated to be 150 feet below grade surface (bgs). There is one known water sources within ½-mile of the location, according to the New Mexico Office of the State Engineer (NMOSE) online water well database (https://gis.ose.state.nm.us/gisapps/ose_pod_locations/; accessed 3/25/2020). The nearest significant watercourse is a FEMA flood zone, located approximately 460 feet to the east. Figure 2 illustrates the site with 200 and 300-foot radii to indicate that it does not lie within a sensitive area as described in 19.15.29.12.C(4) NMAC.

Based on the information presented herein, the applicable NMOCD Closure Criteria for this site is for a groundwater depth of greater than 100 feet bgs. The site has been restored to meet the standards of Table I of 19.15.29.12 NMAC

Table 2 demonstrates the Closure Criteria applicable to this location. Pertinent well data is attached in Appendix B.

3.0 Release Characterization and Remediation Activities

On February 17, 2020, SMA personnel arrived on site in response to the release associated with Cypress 1H. SMA performed site delineation activities by collecting soil samples around the release site and throughout the visibly stained area. Soil samples were field screened for chloride using an electrical conductivity (EC) meter and for hydrocarbon impacts using a calibrated MiniRAE 3000 photoionization detector (PID) equipped with a 10.6 eV lamp as well as a Dexsil® PetroFLAG TPH Analyzer.

A total of nine sample locations (S1-S9) were investigated using a hand-auger, to depths up to 2 feet bgs. A minimum of two samples were collected at each sampling location and field-screened using the methods above. A total of thirty-one (31) samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D.

As summarized in Table 3, results indicated that the most heavily impacted area located on the well pad measured approximately 50 feet by 45 feet by 1.5 feet deep, and adjacent overspray impacted area measured approximately 56 feet by 80 feet by 0.5 feet deep.

On March 13-14, 2020, SMA returned to the site to guide the excavation of contaminated soil. SMA guided the excavation activities by collecting soil samples for field screening. Samples were screened using the method listed above. The walls and base were excavated until field screening results indicated that the NMOCD Closure Criteria would be met. NMOCD was notified on March 12, 2020 that closure samples were expected to be collected in two (2) business days.

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Cypress #1H Remediation Closure Report (NRM2004932296) April 6, 2020

On March 14, 2020, SMA conducted confirmation sampling of the walls and base of the heavier impacted area of the excavation, which measured approximately 50 feet x 15 feet x 1.5 feet deep in area around sample location S3, S5, and S1. The area around sample location S2 was excavated to a depth of 1 foot bgs, which measured 31 feet x 24 feet. Sample locations S4, S6, S7, S8, S9 were scraped to approximately one-half foot bgs, which measured approximately 56 feet by 80 feet.

Confirmation samples were comprised of five-point composites of the base (CS1-CS9) and walls (SW1-SW4).

A total of thirteen (13) confirmation samples were collected for laboratory analysis for total chloride using the methods listed above. Samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico (Appendix D).

Figure 3 shows the extent of the excavated areas and sample locations. Laboratory results are summarized in Table 3. Photos of the open excavation are included in Appendix C.

Contaminated soils were removed and replaced with clean backfill material to return the surface to previous contours. The contaminated soil was transported and disposed of at R360 Environmental Solutions near Hobbs, NM, an NMOCD permitted disposal facility.

SMA recommends no further action for this release, and on behalf of Marathon Oil, Permian LLC request closure for incident number NRM2001932296.

4.0 Scope and Limitations

The scope of our services included: assessment sampling; verifying release stabilization; regulatory liaison; remediation; and preparing this closure report. All work has been performed in accordance with generally accepted professional environmental consulting practices for oil and gas releases in the Permian Basin in New Mexico.

If there are any questions regarding this report, please contact either Ashley Maxwell at 505-320-8975 or Shawna Chubbuck at 505-325-7535.

Submitted by: SOUDER, MILLER & ASSOCIATES Reviewed by:

Ashley Maxwell Project Scientist

nauna (hubbuck

Shawna Chubbuck Senior Scientist

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ATTACHMENTS:

Figures:

Figure 1: Vicinity and Well Head Protection Map Figure 2: Surface Water Radius Map Figure 3: Site and Sample Locations Map

Tables:

Table 2: NMOCD Closure Criteria Justification Table 3: Summary of Sample Results

Appendices:

Appendix A: Form C141 Appendix B: NMOSE Wells Report Appendix C: Sampling Protocol, Field Notes & Photo Log Appendix D: Laboratory Analytical Reports

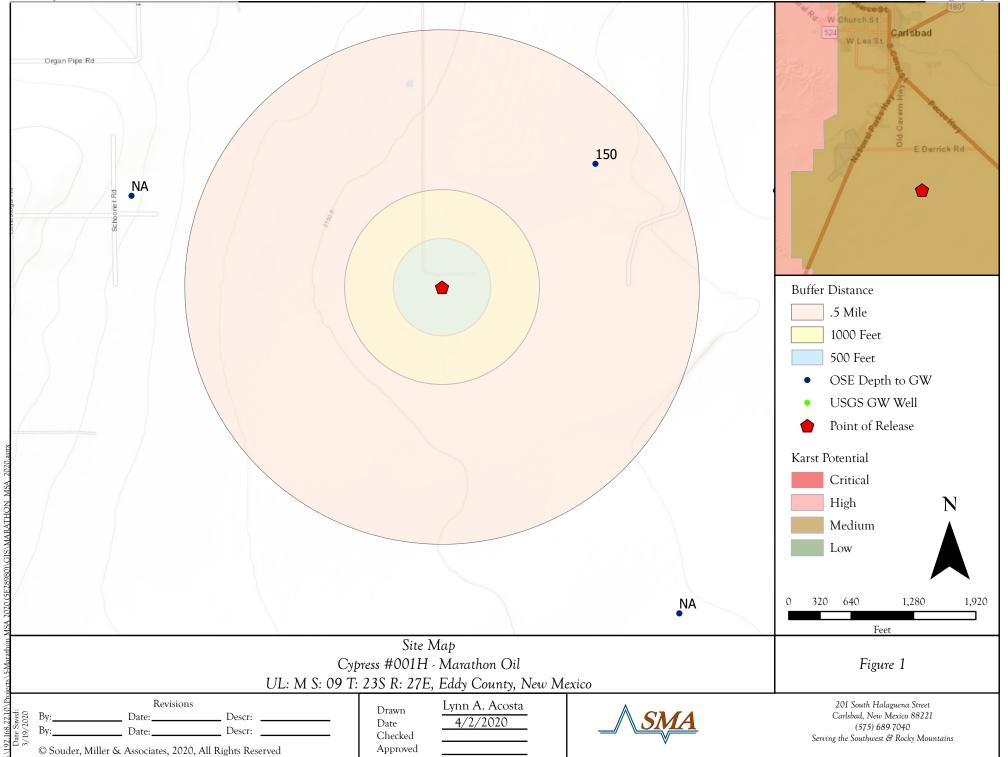
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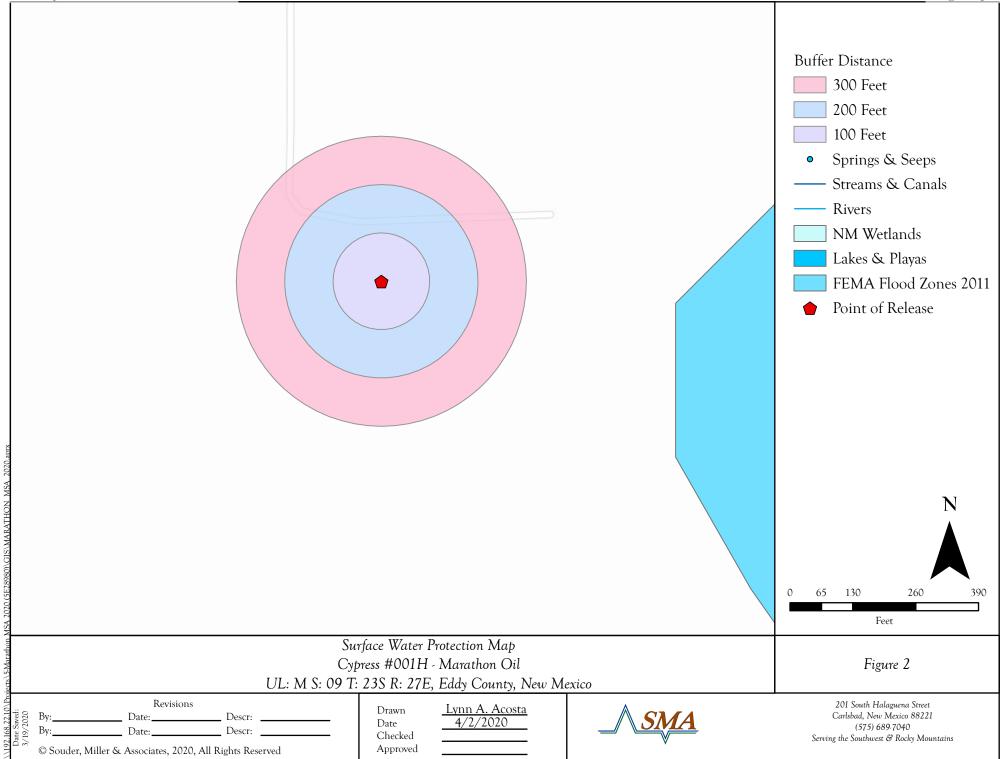
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FIGURES

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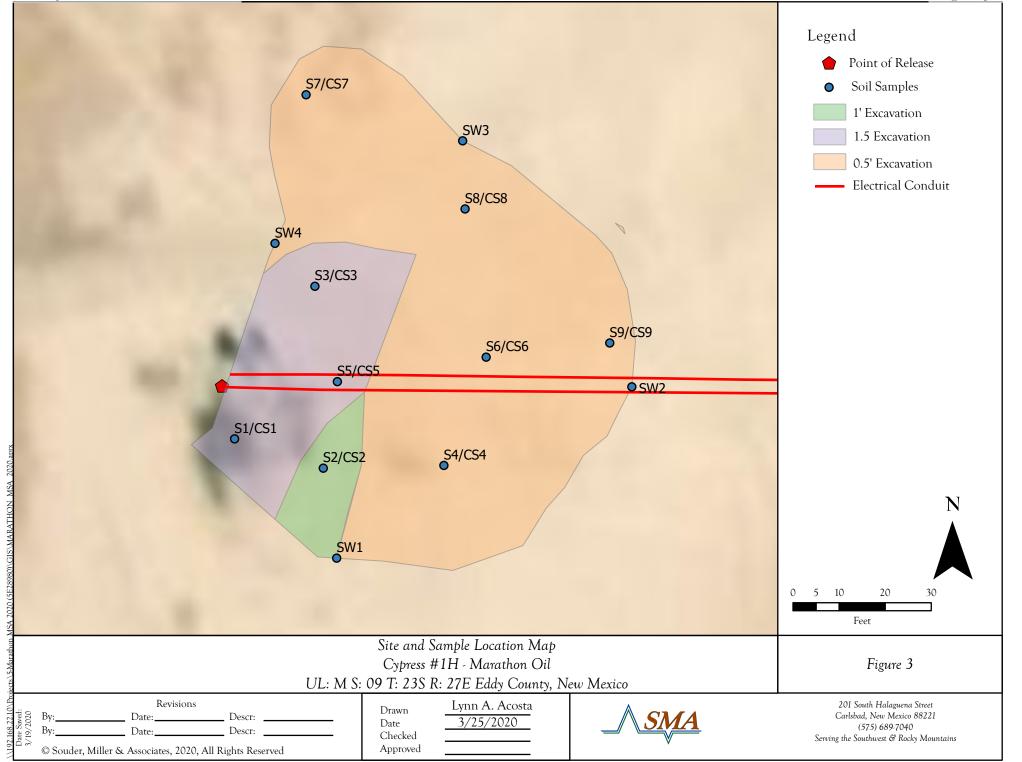
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TABLES

Table 2: NMOCD Closure Criteria

Marathon Oil, Permian LLC Cypress #1H (NRM2004932296)

| Site Information (19.15.29.11.A(2, 3, and 4) NMAC) | Source/Notes | |
|--|--------------|---|
| Depth to Groundwater (feet bgs) | 150 | New Mexico Office of the State Engineer |
| Hortizontal Distance From All Water Sources Within 1/2 Mile (ft) | 1900 | NMOSE, USGS Topo Map |
| Hortizontal Distance to Nearest Significant Watercourse (ft) | 350 | USGA Topo Map |

| Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC) | | | | | | |
|--|----------|---|---------|--------------|------|---------|
| Depth to Groundwater | | Closure Criteria (units in mg/kg) | | | | |
| | | Chloride *numerical limit or background, whichever is greater | ТРН | GRO + DRO | BTEX | Benzene |
| < 50' BGS | | 600 | 100 | | 50 | 10 |
| 51' to 100' | | 10000 | 2500 | 1000 | 50 | 10 |
| >100' | | 20000 | 2500 | 1000 | 50 | 10 |
| Surface Water | | if ye | s, then | | | |
| <300' from continuously flowing watercourse or other significant watercourse? <200' from lakebed, sinkhole or playa lake? Water Well or Water Source | No No | | | | | |
| <500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes? <1000' from fresh water well or spring? | No No | | | | | |
| Human and Other Areas | | 600 | 100 | | 50 | 10 |
| <300' from an occupied permanent residence, school, hospital, institution or church? within incorporated municipal boundaries or within a defined municipal fresh water well field? | | | | | | |
| <100' from wetland? | No | | | | | |
| within area overlying a subsurface mine | No | 1 | | | | |
| within an unstable area? | No |] | | | | |
| within a 100-year floodplain? | No |] | | | | |



Table 3: Summary of Sample Results

Marathon Permian, LLC Cypress #001H

| | (NRM2004932296) | | | | | | | | | |
|-----------|-----------------|----------------|------------|-------------|------------|-------|-------|-------|--------------|-------|
| Sample | Sample | Depth | Completed | BTEX | Benzene | GRO | DRO | MRO | Total TPH | CI- |
| ID | Date | (feet bgs) | Action | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg | mg/Kg |
| | NMOCD | Closure Criter | ria | 50 | 10 | 10 | 00 | | 2500 | 20000 |
| | | | | Initial Sam | pling Even | t | | | | - |
| | | 0.5 | Excavated | 37.71 | <0.024 | 99 | 3600 | 1200 | 4899 | 2800 |
| 01 | 0/47/0000 | 1 | Excavated | 0.41 | <0.025 | 17 | 1900 | 810 | 2727 | 860 |
| S1 | 2/17/2020 | 1.5 | In-situ | <0.215 | <0.024 | <4.8 | 220 | 98 | 318 | 1500 |
| | | 2 | In-situ | 5.04 | <0.024 | <4.9 | 280 | 150 | 430 | 540 |
| | | 0.5 | Excavated | 0.609 | <0.024 | 23 | 3100 | 1300 | 4423 | 3600 |
| 60 | 0/47/0000 | 1 | In-situ | <0.216 | <0.024 | <4.8 | 820 | 370 | 1190 | 950 |
| S2 | 2/17/2020 | 1.5 | In-situ | <0.216 | <0.024 | <4.8 | 21 | <46 | 21 | 370 |
| | | 2 | In-situ | <0.222 | 0.025 | <4.9 | <9.7 | <49 | <63.6 | 380 |
| | | 0.5 | Excavated | 0.35 | <0.024 | 25 | 1400 | 510 | 1935 | 2300 |
| S3 | 2/17/2020 | 1 | Excavated | <0.224 | <0.025 | <5.0 | 1000 | 450 | 1450 | 2000 |
| 33 | 2/17/2020 | 1.5 | In-situ | <0.215 | <0.024 | <4.8 | 640 | 290 | 930 | 990 |
| | | 2 | In-situ | <0.224 | <0.025 | <5.0 | 100 | 50 | 150 | 150 |
| | | 0.5 | In-situ | 0.12 | <0.024 | 7.1 | 700 | 330 | 1037.1 | 3400 |
| S4 | 2/17/2020 | 1 | In-situ | <0.211 | <0.023 | <4.7 | 72 | <49 | 72 | 230 |
| 34 | 2/11/2020 | 1.5 | In-situ | <0.224 | <0.025 | <5.0 | 31 | <49 | 31 | 230 |
| | | 2 | In-situ | <0.222 | <0.025 | <4.9 | <9.7 | <48 | <62.6 | 230 |
| | | 0.5 | Excavated | 0.976 | <0.025 | 24 | 2400 | 1200 | 3624 | 3500 |
| S5 | 2/17/2020 | 1 | Excavated | 0.15 | <0.025 | 7.8 | 1000 | 600 | 1607.8 | 690 |
| | 2/11/2020 | 1.5 | In-situ | <0.222 | <0.025 | <4.9 | 94 | 52 | 146 | 260 |
| | | 2 | In-situ | <0.224 | <0.025 | <5.0 | 45 | <48 | 45 | 100 |
| | | 0.5 | In-situ | <0.221 | <0.025 | <4.9 | 460 | 200 | 660 | 500 |
| S6 | 2/17/2020 | 1 | In-situ | <0.221 | <0.025 | <4.9 | 230 | 100 | 330 | 340 |
| 00 | 2/11/2020 | 1.5 | In-situ | <0.224 | <0.025 | <5.0 | 11 | <49 | 11 | 150 |
| | | 2 | In-situ | <0.217 | <0.024 | <4.8 | <9.7 | <49 | <63.5 | 61 |
| S7 | 2/17/2020 | Surface | Excavated | <0.212 | <0.024 | <4.7 | 1500 | 1200 | 2700 | 1400 |
| 07 | 2/11/2020 | 0.5 | In-situ | <0.225 | <0.025 | <5.0 | 35 | 56 | 91 | 170 |
| S8 | 2/17/2020 | Surface | Excavated | <0.210 | <0.023 | <4.7 | 1300 | 890 | 2190 | 1100 |
| | 2/11/2020 | 0.5 | In-situ | <0.224 | <0.025 | <5.0 | 13 | <49 | 13 | 180 |
| S9 | 2/17/2020 | Surface | Excavated | <0.215 | <0.024 | <4.8 | 1500 | 1200 | 2700 | 7400 |
| 00 | | 0.5 | In-situ | <0.216 | <0.024 | <4.8 | 110 | 90 | 200 | 410 |
| BG | 2/17/2020 | 2 | Background | | | | | | | <60 |
| | | | | | Sampling E | | | | • | |
| CS1 | | 1.5 | In-situ | <0.216 | <0.024 | <4.8 | <9.6 | <48 | <62.4 | 570 |
| CS2 | | 1 | In-situ | <0.213 | <0.024 | <4.7 | <9.7 | <49 | <63.4 | 230 |
| CS3 | | 1.5 | In-situ | <0.211 | <0.023 | <4.7 | <9.6 | <48 | <62.3 | <60 |
| CS4 | | 0.5 | In-situ | <0.213 | <0.024 | <4.7 | <9.6 | <48 | <62.3 | 490 |
| CS5 | | 1.5 | In-situ | <0.215 | <0.024 | <4.8 | 30 | <47 | 30 | 3600 |
| CS6 | | 0.5 | In-situ | <0.212 | <0.024 | <4.7 | <9.9 | <50 | <64.6 | 1100 |
| CS7 | 3/14/2020 | 0.5 | In-situ | <0.217 | <0.024 | <4.8 | <9.7 | <49 | <63.5 | 1300 |
| CS8 | | 0.5 | In-situ | <0.221 | <0.025 | <4.9 | <9.4 | <47 | <61.3 | 990 |
| CS9 | | 0.5 | In-situ | <0.213 | <0.024 | <4.7 | <9.4 | <47 | <61.1 | 760 |
| SW1 | | 0-1.5 | In-situ | <0.216 | <0.024 | <4.8 | <9.3 | <46 | <60.1 | 120 |
| SW2 | | 0-0.5 | In-situ | <0.213 | <0.024 | <4.8 | <9.6 | <48 | <62.4 | 120 |
| SW3 | | 0-0.5 | In-situ | <0.213 | <0.024 | <4.7 | <9.5 | <48 | <62.2 | 110 |
| SW4 | | 0-1.5 | In-situ | <0.217 | <0.024 | <4.8 | <9.8 | <49 | <63.6 | 120 |
| " - Not / | A | | | | | | | | | |

"--" = Not Analyzed

<u>SMA</u>

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APPENDIX A FORM C141

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 | NRM2004932296 |
|----------------|---------------|
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| Responsible Party Marathon Oil Permian LLC | OGRID 372098 |
|--|--------------------------------|
| Contact Name Melodie Sanjari | Contact Telephone 575-988-8753 |
| Contact email msanjari@marathonoil.com | Incident # (assigned by OCD) |
| Contact mailing address 4111 S. Tidwell Rd., Carlsbad, NM 8220 | |

Location of Release Source

Latitude 32.313848

Longitude <u>-104.202615</u> (NAD 83 in decimal degrees to 5 decimal places)

| Site Name Cypress 1H | Site Type Oil & Gas Facility |
|-----------------------------------|-----------------------------------|
| Date Release Discovered 2/13/2020 | API# (if applicable) 30-015-44046 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| М | 9 | 238 | 27E | Eddy |

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) 16.49 Volume Recovered (bbls) 10 Produced Water Volume Released (bbls) Volume Recovered (bbls) Is the concentration of dissolved chloride in the Yes No produced water >10,000 mg/l? 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

Release was caused by a nipple washing out on a near the rotoflex unit. Approximately 16.49 bbls were releases onto the engineered pad. The source was immediately isolated, eliminated and all standing fluids were recovered (10 bbls).

| D | ~ |
|------|---|
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Oil Conservation Division

| Incident ID | NRM2004932296 |
|----------------|---------------|
| 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)? |
| | |
| 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

 \square 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: Melodie Sanjari | Title: <u>Environmental Professional</u> |
|--|--|
| Signature: <u>Melodie Sanjari</u> | Date: 2/17/2020 |
| email: <u>msanjari@marathonoil.com</u> | Telephone: <u>575-988-8753</u> |
| OCD Only | |
| | |
| Received by: | Date: |

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Oil Conservation Division

| | rage 15 0j 10 |
|----------------|---------------|
| Incident ID | NRM2004932296 |
| 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? | $\frac{150}{\text{bgs}}$ (ft |
|---|---|
| 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? | $\square Yes \square No$ |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | 🗌 Yes 🔀 No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field? | $\Box \operatorname{Yes} \boxtimes \operatorname{No}$ |
| Are the lateral extents of the release within 300 feet of a wetland? | |
| Are the lateral extents of the release overlying a subsurface mine? | ☐ Yes ⊠ No |
| Are the lateral extents of the release overlying an unstable area such as karst geology? | 🗌 Yes 🛛 No |
| Are the lateral extents of the release within a 100-year floodplain? | 🗌 Yes 🛛 No |
| Did the release impact areas not on an exploration, development, production, or storage site? | 🗌 Yes 🛛 No |
| Die die release impact areas not on an exploration, acterophient, production, of storage site. | ☐ Yes ⊠ No |

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

Field data

Data table of soil contaminant concentration data

 \boxtimes Depth to water determination

Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release

Boring or excavation logs

Photographs including date and GIS information

- Topographic/Aerial maps
- Laboratory data including chain of custody

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

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| Received by OCD: 4/15/2020 10: Form C-141 | 29:52 AM | | | Page 16 of 10 | | | | | |
|---|---------------------------|--|----------------------------|---|--|--|--|--|--|
| Page 4 | Oil Conservation Division | | Incident ID District RP | ''NRM2004932296 | | | | | |
| | | | Facility ID | 1111112001992290 | | | | | |
| | | | Application ID | | | | | | |
| regulations all operators are require public health or the environment. T failed to adequately investigate and addition, OCD acceptance of a C-14 and/or regulations. Printed Name: <u>Melodie S</u> Signature: <u>Melodie S</u> email: <u>msanjari@marathonoi</u> | <u>anjari</u> | ications and perfor CD does not reliev at to groundwater, esponsibility for c Title: Date: 4/15/2 | Environmental Professio | eases which may endanger ould their operations have or the environment. In deral, state, or local laws | | | | | |
| OCD Only Received by: | | Date: | | | | | | | |

| Incident ID | |
|----------------|-----------------|
| District RP | ''NRM2004932296 |
| 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 iten | ns must be included in the closure report. |
|--|---|
| A scaled site and sampling diagram as described in 19.15.29.11 | NMAC |
| Photographs of the remediated site prior to backfill or photos of must be notified 2 days prior to liner inspection) | the liner integrity if applicable (Note: appropriate OCD District office |
| Laboratory analyses of final sampling (Note: appropriate ODC D | District office must be notified 2 days prior to final sampling) |
| Description of remediation activities | |
| | |
| I hereby certify that the information given above is true and complete r and regulations all operators are required to report and/or file certain re- may endanger public health or the environment. The acceptance of a C should their operations have failed to adequately investigate and remed human health or the environment. In addition, OCD acceptance of a C compliance with any other federal, state, or local laws and/or regulation restore, reclaim, and re-vegetate the impacted surface area to the condi- accordance with 19.15.29.13 NMAC including notification to the OCT | C-141 report by the OCD does not relieve the operator of liability diate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for sns. The responsible party acknowledges they must substantially itions that existed prior to the release or their final land use in |
| Printed Name: <u>Melodie Sanjari</u> | Title: <u>Environmental Professional</u> |
| Signature: <u>Melodie Savjari</u> | Date: 4/15/2020 |
| email: <u>msanjari@marathonoil.com</u> | Telephone: <u>575-988-8753</u> |
| OCD Only | |
| OCD Only | |
| Received by: | Date: |
| | liability should their operations have failed to adequately investigate and ter, human health, or the environment nor does not relieve the responsible regulations. |
| Closure Approved by: | Date: |
| Printed Name: | Title: |
| | |

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APPENDIX B NMOSE WELLS REPORT

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

| (A CLW##### in the POD suffix indicates the POD has been replaced & no longer | (R=POE been rep O=orpha | placed, | | , | | | | | | | | | | |
|--|-------------------------------|------------------------|----------------|----------|---------|--------|---------------------|--------------------|-------------------|-------|---|------------------|-------------------------------|---------|
| serves a water right file.) | C=the fil closed) | le is | | | rters a | | IW 2=N allest to | | ⊧=SE) AD83 UTM | in n | neters) | (In feet) | 1 | |
| POD Number | Codo | POD Sub- basin C | ` ountv | Q Q | | Two | Png | х | Y | | DistanceDept | hWallDanth) | | ater |
| <u>C 04044 POD1</u> | Code | CUB | ED | 3 2 | | | • | ^ 575504 | - | | 589 | 290 | 150 | 140 |
| | | | | | | | | | F | \ver | age Depth to Wa Minimum Dep Maximum Dep | th: | 150 fee 150 fee 150 fee | et |
| Record Count: 1 | | /in | | | | | | | | | | | | |
| UTMNAD83 Radiu | | (in meters | | | | | _ | | | | _ | | | |
| Easting (X): 57 | 75073.63 | | North | ning (Y) | : 357 | 5503.5 | 5 | | Radius: 8 | 04.6 | 7 | | | |
| The data is furnished by the concerning the accuracy, or | | | | | | | | | | t the | OSE/ISC make no | warranties, expr | essed or in | nplied, |

2/29/20 11:22 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER SAMPLING PROTOCOL, **FIELD NOTES & PHOTO** LOG

APPENDIX C

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Sampling Protocol

Representatives from SMA chose the Judgmental Sampling Method as described in EPA's Final Sampling Guidance for SW-846, 2002 to adequately quantify contaminant concentrations on the Cypress #001H Location. The utility of this particular method functions on the sufficient knowledge of the contaminant, which we possess. This design is also useful when identifying the composition of a release, which we have documented. In addition, this sampling design was chosen for this project because of the locations uniform soil type, and the several operational considerations (such as the liner within the battery and the construction of a new facility) that precluded the implementation of a different statistical design.

The soil samples were collected in laboratory supplied containers in accordance with this sampling protocol, immediately placed on ice and sent under standard chain-of-custody protocols to Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico for analysis. A total of thirteen (13) samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel and gasoline range organics (MRO, DRO, and GRO) by EPA Method 8015D.

Sampling Analysis Field Quality Assurance Procedures

A unique sample numbering was used to identify each sample collected and designated for on-site and off-site laboratory analysis. The purpose of this numbering scheme was to provide a tracking system for the retrieval of analytical and field data on each sample. Sample identification numbers were recorded on sample labels or tags, field notes, chain-of-custody records (COC) and all other applicable documentation used during the project. Sample labels were affixed to all sample containers during sampling activities. Information was recorded on each sample container label at the time of sample collection. The information recorded on the labels were as follows: sample identification number; sample type (discrete or composite); site name and area/location number; analysis to be performed; type of chemical preservative present in container; date and time of sample collection; and sample collector's name and initials. All samples were packed in ice in an approved rigid body container, custody sealed signed and shipped to the appropriate laboratory via insured currier service.

COC procedures implemented for the project provided documentation of the handling of each sample from the time of collection until completion of laboratory analysis. A COC form serves as a legal record of possession of the sample. A sample is considered to be under custody if one or more of the following criteria are met: the sample is in the sampler's possession; the sample is in the sampler's view after being in possession; the sample was in the sampler's possession and then was placed into a locked area to prevent tampering; and/or the sample is in a designated secure area. Custody was documented throughout the project field sampling activities by a chain-of custody form initiated each day during which samples are collected. Container custody seals placed on either individual samples or on the rigid body container were used to ensure that no sample tampering occurs between the time the samples are placed into the containers and the time the containers are opened for analysis at the laboratory. Container custody seals were signed and dated by the individual responsible for completing the COC form contained within the container.

| | | | <u>SM</u> A | Field Scr | eenin | g | | | - | |
|-----------------------|---------------------|----------------|----------------------------|--------------------------------|--------------------------------|-------------------------------|----------------------------------|---------------------|-----------|----------------|
| cation Name: Marathon | - Cypress | #60 | Н | Date: | 2/1 | 7/2 | 020 | | | |
| Sample Name: | Collection Time: | EC (mS) | Temp (*C) | PID Reading /PF | Soil | Color | Primary Soil Type | Moisture Levei | Other | Remarks/Notes: |
| S1-6 | 9:40 | 1.83 2551 p | | 293 | Tap Gray Yellow | Dark Grown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | ~Smells | like benzen |
| S1 - 1 | 9:40 | 0.77 1052 | 20,1 ppm | PF: 369602 PF: 145905 97 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | - organiu | in sample |
| S1- 1.5 | 9:40 | 2.41 3419 | 20.1 ppm | PF: 827@2 PF: 332@5 &3 | Light Tap Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | | 36.5 |
| S 1- 2' | 9:40 | 0,62 | | PF:57(@2 PF:234@5 51 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | - | |
| 52-6 | | | | 184 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | | |
| S2-1' | | | | 126 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | | |
| S2-1.5 | | 0.61 | | FF: SHEDL | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | | |
| 52-2 | | | | 1 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | | |
| 53-6" | 9:45 | 2994 | 20,2 ppm ppm 19.9 | 261 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | | |

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| | | / | SMA | Field Scr | eenin | g | | | |
|---------------------------|---------------------|--------------|-------------|--------------------------------|--------------------------------|-------------------------------|----------------------------------|---------------------|----------------------|
| Location Name: Marathon - | Cypress | _#0o | I H | Date: | 2/ | 177 | 2020 | | |
| Sample Name: | Collection Time: | EC (mS) | Temp (°C) | PID Reading /PF | Soil | Color | Primary Soil Type | Moisture Level | Other Remarks/Notes: |
| 53-1 | 9:46 | 2436 | 19.8 | 157 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| 53-1.5 | 9:50 | 1536 1,10 | ррт 19.9 | PF: 1747@2 PF: 689@5 []2 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| 53-2° | 9:52 | 0.34 409 | 20.6 | 24 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| 54-6" | 9:56 | 2.34 | 20.4 ppm | 151 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | -8 |
| S 4 - 1' | q:57 | 0.41 | 19.6 ppm | 50.7 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| S4-1.5° | 9:57 | 0.41 553 | | PF: 436@2 PF: 174@5 15-6 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| S4-2 S5+6 | 01=58 | 0.32 491 | 19.7 ppm | 6.0 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| 55+6 | 10:00 | 4031 2.81 | ррт 19.3 | 212 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| S 5- 1' | 10:00 | 1296 0.91 | ррт 19.1 | 134 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| W | | | | | | | | p | |

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| | | the second secon | | Field Sc | reeni | ng | | | |
|--------------------------|---------------------|--|-------------|-------------------------------|--|-------------------------------|----------------------------------|----------------------------|----------------------|
| Location Name: Marathon- | Cypres | <u>s </u> #1 | 001 H | Date: | 21 | 17/2 | 1020 | | |
| Sample Name: | Collection Time: | EC (mS) | Temp (°C) | PID Reading /PF | Soil | Color | Primary Soil Type | Moisture Level | Other Remarks/Notes: |
| 55-1.5 | 10:02 | 854 0.64 | | 41.2 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| 55-2 | 10:04 | 166 0.16 | ppm 20.2 | PF: 19505 PF: 19505 7.7 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| S6-6 | 10:06 | т24 0,54 | ppm 20-0 | | Light Tan Gray Yellow | Dark Brown Olive | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| S6-1' | 10:10 | 66 i 0.50 | ррт 20.1 | 27.2 | Light Tan Gray | Red Dark Brown Olive | Gravel Rock Sand Silt Clay | Dry Moist | |
| S6 - 1.5' | 10:15 | 305 0,25 | PPM 20-0 | 8.5 | Yellow Light Tan Gray | Red Dark Brown Olive | Gravel Rock Sand Silt Clay | Dry Moist | |
| S6 - 2° | 10:20 | 226 0,18 | ррт 19.5 | PF: 546@1 PF: 233:25 | Yellow Light Tan Gray Yellow | Red Dark Brown Olive | Gravel Rock Sand Silt Clay | Wet Dry Moist Wet | |
| S7-surface | 10:25 | | | PF: 255405 | Light Tan Gray | Red Dark Brown Olive | Gravel Rock Sand Silt Clay | Dry Moist | |
| S7-6" | | 532).38 | PPM 19.1 | 7.4 | Yellow Light Fan Gray | Red Dark Brown Olive | Gravel Rock Sand Silt Clay | Wet Dry Moist | |
| 58-surface 58-611 | 10:35 | 354).95 | | F: 536602 L F: 216605 T | 'ellow ight an iray ellow | Red Dark Brown Olive | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| 58-611 | 10:40 C | 7.38 | 19.1 ppm | 2.4 | | Red | | | |

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| | | | <u>SMA</u> | Field Sci | reenir | ng | | | |
|---|---------------------|--------------|-------------|---------------------------------|--------------------------------|-------------------------------|----------------------------------|---------------------|----------------------|
| ocation Name: Marathon - Cypress #001 H | | Date: | 2/17/2020 | | | | | | |
| Sample Name: | Collection Time: | EC (mS) | Temp (°C) | PID Reading /PF | Soil | Color | Primary Soil Type | Moisture Level | Other Remarks/Notes: |
| 59-surface | 1:00 | 5.09 7320 | 19.1 ppm | 17:>9199@) 99:>999105 Z-9 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| S9-6" | | 0,62 878 | | PF: 13692 PF: 37885 3-3 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| BG-2` | 2:54 | 0.10 | 20.3 ppm | 2.8 | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| | | | | | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| | | | | | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| | | | | | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| | | | | | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| | | _ | | | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| | | | | | Light Tan Gray (ellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |

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| ion Name: CUNV55 4tl | | | | Date: 3/ | ite: 4 3/18/120 | | | | | | | | |
|-------------------------|---------------------|---------|-----------|--------------------|---|-------------------------------|----------------------------------|----------------------------------|----------------------------------|--|--|--|--|
| Sample Name: | Collection Time: | EC (mS) | Temp (°C) | PID Reading /PF | Soil | Color | Primary Soil Type | Moisture Level | Other Remarks/Notes: | | | | |
| CSI | 1420 | 6.73 | 2207 | - | Light Tan Gray Yellow | Red | Olive Sand Silt | Dry Moist Wet | organic Soil no that HC odar. | | | | |
| C \$ 3 | 1401 | 0.15 | 21.6 | | Light Tan Gray Yellow | Olive Red | Gravel Rock | Dry Mois Wet | 61 | | | | |
| C55 | 1406 | 2.10 | 21.1 | | Light Tan Gray Yellow | Olive Red | Gravel Rock | Dry Moist Wet | te v. | | | | |
| C62 | 1606 | 0.43 | 21.0 | | Light Tan Gray Yellow | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | | | | | |
| CS 4 | 850 | 0.67 | | | Light Tan Gray Yellow | Olive Red | Gravel Rock Same Silt | Dry Moist Wet | | | | | |
| C56 | 857 | 6.54 | 14.2 | | Tan Gray Yellow | Dark Brown Olive Red | Gravel Rook Sand Silt Clay | Dry Moist Wet | | | | | |
| CGJ | 854 | 0.32 | 18.9 | | (leht Lap | Dark Brown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | | | | | |
| CS8 | | 0.67 | | | Gray Yellow Tan Gray Yellow | Dark Brown Olive Red | Gravel Roce Sand Silt Clay | Dry Moist ² Wet | | | | | |
| C\$ 9 | | 6.42 | 18.5 | | Right Gray Yellow | Dark Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | | | | | |

 $\phi_{i} = \phi_{i} = \phi_{i}$

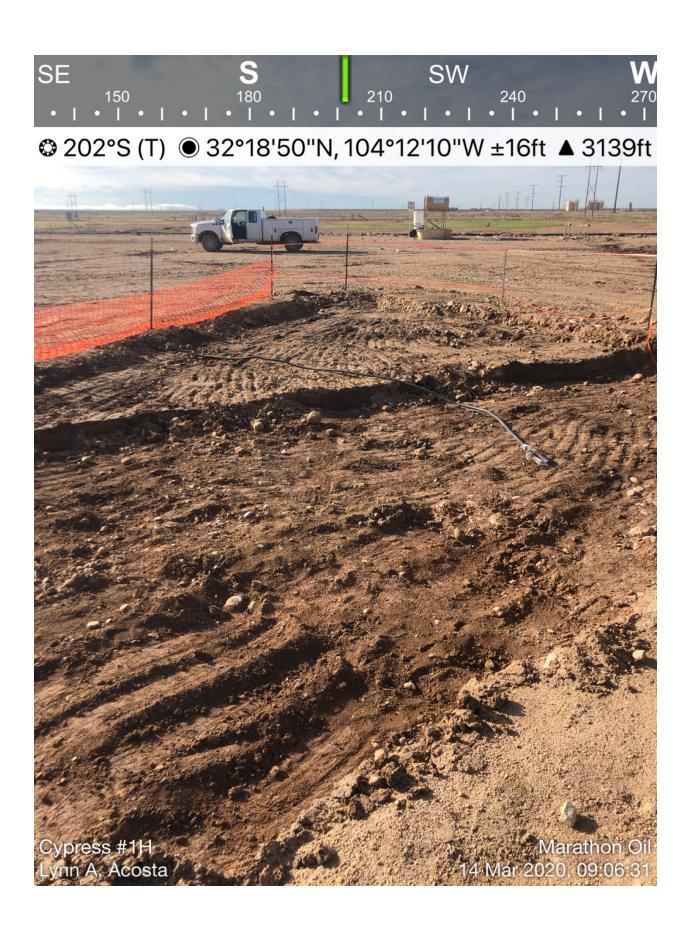
| <u>.</u> | | | <u>SMA</u> | Field Scr | eening | | | | |
|----------------|---------------------|---------|------------|--------------------|-----------------------------|-------------------------------|-----------------------------------|---------------------|----------------------|
| n Name: Cypres | s # 1 H | | | Date: | 3/14/20 |) | | | |
| Sample Name: | Collection Time: | EC (mS) | Temp (°C) | PID Reading /PF | Soil Colo | or | Primary Soil Type | Moisture Level | Other Remarks/Notes: |
| SWI | 418 | 0,43 | 185 | | Gray (| Dark rown Olive Red | Gravel Rock Santa Silt Clay | Dry Moist Wet | |
| | 921 | 6.20 | 14.1 | | Tan B Gray C | Dark Irown Olive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| 5ω 2 5ω 3 | 424 | 0.31 | 14.2 | () | Light Tan B Gray C | Dark rown Dlive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| SW 4 | 927 | N.22 | 14.1 | 5 | tight Tan of Gray C | Dark rown Dlive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| | | | | | Tan Bi Gray C | Dark rown Dlive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | 495.1V |
| | | | | | Light I Tan Bi Gray C | Dark rown Dlive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| | | | | | Tan Bi Gray C | Dark rown Dlive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| | | | | | Light I Tan Br Gray C | Dark rown Dlive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |
| | | | | | Tan Br Gray O | Dark rown Dlive Red | Gravel Rock Sand Silt Clay | Dry Moist Wet | |

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APPENDIX D LABORATORY ANALYTICAL REPORTS



February 27, 2020

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-8801 FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

RE: Cypress 001 H

OrderNo.: 2002832

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 31 sample(s) on 2/20/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sa | ample II | D: S1 | -6" | |
|-------------------------------------|--------------|----------|---------|----------|---------------|----------------------|-------|
| Project: Cypress 001 H | | (| Collect | tion Dat | e: 2/1 | 7/2020 9:40:00 AM | |
| Lab ID: 2002832-001 | Matrix: SOIL | | Recei | ved Dat | e: 2/2 | 20/2020 9:00:00 AM | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | : JMT |
| Chloride | 2800 | 150 | | mg/Kg | 50 | 2/21/2020 7:18:08 PM | 50574 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analyst | BRM |
| Diesel Range Organics (DRO) | 3600 | 170 | | mg/Kg | 20 | 2/24/2020 4:15:58 PM | 50566 |
| Motor Oil Range Organics (MRO) | 1200 | 850 | | mg/Kg | 20 | 2/24/2020 4:15:58 PM | 50566 |
| Surr: DNOP | 0 | 55.1-146 | S | %Rec | 20 | 2/24/2020 4:15:58 PM | 50566 |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | 99 | 4.8 | | mg/Kg | 1 | 2/21/2020 4:27:52 PM | 50562 |
| Surr: BFB | 533 | 66.6-105 | S | %Rec | 1 | 2/21/2020 4:27:52 PM | 50562 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | : NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 2/21/2020 4:27:52 PM | 50562 |
| Toluene | 0.31 | 0.048 | | mg/Kg | 1 | 2/21/2020 4:27:52 PM | 50562 |
| Ethylbenzene | 0.33 | 0.048 | | mg/Kg | 1 | 2/21/2020 4:27:52 PM | 50562 |
| Xylenes, Total | 4.4 | 0.097 | | mg/Kg | 1 | 2/21/2020 4:27:52 PM | 50562 |
| Surr: 4-Bromofluorobenzene | 111 | 80-120 | | %Rec | 1 | 2/21/2020 4:27:52 PM | 50562 |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sa | ample II | D: S1 | -1' | | | |
|-------------------------------------|--|----------|---------|----------|--------------|-----------------------|---------|--|--|
| Project: Cypress 001 H | Collection Date: 2/17/2020 9:40:00 AM | | | | | | | | |
| Lab ID: 2002832-002 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | | Analys | t: JMT | | |
| Chloride | 860 | 60 | | mg/Kg | 20 | 2/20/2020 10:10:14 PM | 1 50574 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analys | t: BRM | | |
| Diesel Range Organics (DRO) | 1900 | 96 | | mg/Kg | 10 | 2/24/2020 4:40:07 PM | 50566 | | |
| Motor Oil Range Organics (MRO) | 810 | 480 | | mg/Kg | 10 | 2/24/2020 4:40:07 PM | 50566 | | |
| Surr: DNOP | 0 | 55.1-146 | S | %Rec | 10 | 2/24/2020 4:40:07 PM | 50566 | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analys | t: NSB | | |
| Gasoline Range Organics (GRO) | 17 | 4.9 | | mg/Kg | 1 | 2/21/2020 6:48:24 PM | 50562 | | |
| Surr: BFB | 180 | 66.6-105 | S | %Rec | 1 | 2/21/2020 6:48:24 PM | 50562 | | |
| EPA METHOD 8021B: VOLATILES | | | | | | Analys | t: NSB | | |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 2/21/2020 6:48:24 PM | 50562 | | |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 2/21/2020 6:48:24 PM | 50562 | | |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 2/21/2020 6:48:24 PM | 50562 | | |
| Xylenes, Total | 0.41 | 0.099 | | mg/Kg | 1 | 2/21/2020 6:48:24 PM | 50562 | | |
| Surr: 4-Bromofluorobenzene | 97.6 | 80-120 | | %Rec | 1 | 2/21/2020 6:48:24 PM | 50562 | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | Client Sample ID: S1-1.5' | | | | | | | | |
|-------------------------------------|--|----------|------------|----|-----------------------|-------|--|--|--|
| Project: Cypress 001 H | Collection Date: 2/17/2020 9:40:00 AM | | | | | | | | |
| Lab ID: 2002832-003 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: | ЈМТ | | | |
| Chloride | 1500 | 60 | mg/Kg | 20 | 2/20/2020 11:11:59 PM | 50574 | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM | | | |
| Diesel Range Organics (DRO) | 220 | 9.9 | mg/Kg | 1 | 2/24/2020 5:04:25 PM | 50566 | | | |
| Motor Oil Range Organics (MRO) | 98 | 50 | mg/Kg | 1 | 2/24/2020 5:04:25 PM | 50566 | | | |
| Surr: DNOP | 141 | 55.1-146 | %Rec | 1 | 2/24/2020 5:04:25 PM | 50566 | | | |
| EPA METHOD 8015D: GASOLINE RANGE | l . | | | | Analyst | NSB | | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 2/21/2020 7:11:54 PM | 50562 | | | |
| Surr: BFB | 87.5 | 66.6-105 | %Rec | 1 | 2/21/2020 7:11:54 PM | 50562 | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 2/21/2020 7:11:54 PM | 50562 | | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 2/21/2020 7:11:54 PM | 50562 | | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 2/21/2020 7:11:54 PM | 50562 | | | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 2/21/2020 7:11:54 PM | 50562 | | | |
| Surr: 4-Bromofluorobenzene | 88.6 | 80-120 | %Rec | 1 | 2/21/2020 7:11:54 PM | 50562 | | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sample II | D: S1 | 2' | | | | |
|-------------------------------------|--|----------|----------------|--------------|-----------------------|-------|--|--|--|
| Project: Cypress 001 H | Collection Date: 2/17/2020 9:40:00 AM | | | | | | | | |
| Lab ID: 2002832-004 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | JMT | | | |
| Chloride | 540 | 60 | mg/Kg | 20 | 2/20/2020 11:24:20 PM | 50574 | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM | | | |
| Diesel Range Organics (DRO) | 280 | 9.7 | mg/Kg | 1 | 2/22/2020 12:39:20 AM | 50566 | | | |
| Motor Oil Range Organics (MRO) | 150 | 48 | mg/Kg | 1 | 2/22/2020 12:39:20 AM | 50566 | | | |
| Surr: DNOP | 109 | 55.1-146 | %Rec | 1 | 2/22/2020 12:39:20 AM | 50566 | | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst | NSB | | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 2/21/2020 7:35:22 PM | 50562 | | | |
| Surr: BFB | 88.0 | 66.6-105 | %Rec | 1 | 2/21/2020 7:35:22 PM | 50562 | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB | | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/21/2020 7:35:22 PM | 50562 | | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 2/21/2020 7:35:22 PM | 50562 | | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 2/21/2020 7:35:22 PM | 50562 | | | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 2/21/2020 7:35:22 PM | 50562 | | | |
| Surr: 4-Bromofluorobenzene | 96.0 | 80-120 | %Rec | 1 | 2/21/2020 7:35:22 PM | 50562 | | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates Project: Cypress 001 H | | | | ample II tion Dat | | -6" 17/2020 9:42:00 AM | | |
|---|--------------|---|------|----------------------|----|---------------------------|-------|--|
| Lab ID: 2002832-005 | Matrix: SOIL | Matrix: SOIL Received Date: 2/20/2020 9:00:00 | | | | | | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch | |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | : JMT | |
| Chloride | 3600 | 150 | | mg/Kg | 50 | 2/21/2020 7:30:28 PM | 50574 | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analyst | BRM | |
| Diesel Range Organics (DRO) | 3100 | 180 | | mg/Kg | 20 | 2/24/2020 5:28:27 PM | 50566 | |
| Motor Oil Range Organics (MRO) | 1300 | 910 | | mg/Kg | 20 | 2/24/2020 5:28:27 PM | 50566 | |
| Surr: DNOP | 0 | 55.1-146 | S | %Rec | 20 | 2/24/2020 5:28:27 PM | 50566 | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | | Analyst | : NSB | |
| Gasoline Range Organics (GRO) | 23 | 4.8 | | mg/Kg | 1 | 2/21/2020 7:58:37 PM | 50562 | |
| Surr: BFB | 185 | 66.6-105 | S | %Rec | 1 | 2/21/2020 7:58:37 PM | 50562 | |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | : NSB | |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 2/21/2020 7:58:37 PM | 50562 | |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 2/21/2020 7:58:37 PM | 50562 | |
| Ethylbenzene | 0.049 | 0.048 | | mg/Kg | 1 | 2/21/2020 7:58:37 PM | 50562 | |
| Xylenes, Total | 0.56 | 0.097 | | mg/Kg | 1 | 2/21/2020 7:58:37 PM | 50562 | |
| Surr: 4-Bromofluorobenzene | 95.2 | 80-120 | | %Rec | 1 | 2/21/2020 7:58:37 PM | 50562 | |

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

Qualifiers:

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

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

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Surr: 4-Bromofluorobenzene

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

2/21/2020 8:22:05 PM 50562

| CLIENT: Souder, Miller & Associates | | Cl | ient Sa | ample II | D: S2 | -1' | | | | |
|-------------------------------------|--------------|--|---------|----------|---------------|-----------------------|-------|--|--|--|
| Project: Cypress 001 H | | (| Collect | tion Dat | e: 2/1 | 7/2020 9:42:00 AM | | | | |
| Lab ID: 2002832-006 | Matrix: SOIL | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch | | | |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: | ЈМТ | | | |
| Chloride | 950 | 60 | | mg/Kg | 20 | 2/20/2020 11:49:03 PM | 50574 | | | |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS | | | | | Analyst: | BRM | | | |
| Diesel Range Organics (DRO) | 820 | 48 | | mg/Kg | 5 | 2/24/2020 5:52:35 PM | 50566 | | | |
| Motor Oil Range Organics (MRO) | 370 | 240 | | mg/Kg | 5 | 2/24/2020 5:52:35 PM | 50566 | | | |
| Surr: DNOP | 118 | 55.1-146 | | %Rec | 5 | 2/24/2020 5:52:35 PM | 50566 | | | |
| EPA METHOD 8015D: GASOLINE RANG | GE | | | | | Analyst: | NSB | | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 2/21/2020 8:22:05 PM | 50562 | | | |
| Surr: BFB | 116 | 66.6-105 | S | %Rec | 1 | 2/21/2020 8:22:05 PM | 50562 | | | |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: | NSB | | | |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 2/21/2020 8:22:05 PM | 50562 | | | |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 2/21/2020 8:22:05 PM | 50562 | | | |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 2/21/2020 8:22:05 PM | 50562 | | | |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 2/21/2020 8:22:05 PM | 50562 | | | |

90.2

80-120

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sample II | D: S2 | 2-1.5' | | | | | |
|-------------------------------------|--|----------|----------------|--------------|-----------------------|-------|--|--|--|--|
| Project: Cypress 001 H | Collection Date: 2/17/2020 9:43:00 AM | | | | | | | | | |
| Lab ID: 2002832-007 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | : ЈМТ | | | | |
| Chloride | 370 | 60 | mg/Kg | 20 | 2/21/2020 12:01:22 AM | 50574 | | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM | | | | |
| Diesel Range Organics (DRO) | 21 | 9.3 | mg/Kg | 1 | 2/24/2020 6:16:30 PM | 50566 | | | | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 2/24/2020 6:16:30 PM | 50566 | | | | |
| Surr: DNOP | 109 | 55.1-146 | %Rec | 1 | 2/24/2020 6:16:30 PM | 50566 | | | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst | NSB | | | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 2/21/2020 8:45:35 PM | 50562 | | | | |
| Surr: BFB | 86.2 | 66.6-105 | %Rec | 1 | 2/21/2020 8:45:35 PM | 50562 | | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB | | | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 2/21/2020 8:45:35 PM | 50562 | | | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 2/21/2020 8:45:35 PM | 50562 | | | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 2/21/2020 8:45:35 PM | 50562 | | | | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 2/21/2020 8:45:35 PM | 50562 | | | | |
| Surr: 4-Bromofluorobenzene | 92.2 | 80-120 | %Rec | 1 | 2/21/2020 8:45:35 PM | 50562 | | | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates Project: Cypress 001 H | Client Sample ID: S2-2' Collection Date: 2/17/2020 9:44:00 AM | | | | | | | |
|---|--|----------|---------------|---------------|-----------------------|-------|--|--|
| Lab ID: 2002832-008 | Matrix: SOIL | | Received Date | e: 2/2 | 20/2020 9:00:00 AM | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | : JMT | | |
| Chloride | 380 | 60 | mg/Kg | 20 | 2/21/2020 12:13:43 AM | 50574 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM | | |
| Diesel Range Organics (DRO) | ND | 9.7 | mg/Kg | 1 | 2/22/2020 2:28:12 AM | 50566 | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 2/22/2020 2:28:12 AM | 50566 | | |
| Surr: DNOP | 96.8 | 55.1-146 | %Rec | 1 | 2/22/2020 2:28:12 AM | 50566 | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst | : NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 2/21/2020 9:09:03 PM | 50562 | | |
| Surr: BFB | 84.0 | 66.6-105 | %Rec | 1 | 2/21/2020 9:09:03 PM | 50562 | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : NSB | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/21/2020 9:09:03 PM | 50562 | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 2/21/2020 9:09:03 PM | 50562 | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 2/21/2020 9:09:03 PM | 50562 | | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 2/21/2020 9:09:03 PM | 50562 | | |
| Surr: 4-Bromofluorobenzene | 91.3 | 80-120 | %Rec | 1 | 2/21/2020 9:09:03 PM | 50562 | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient S | ample II | D: S3 | -6" | | | |
|-------------------------------------|--|----------|---------|----------|---------------|----------------------|-------|--|--|
| Project: Cypress 001 H | | (| Collect | tion Dat | e: 2/1 | 17/2020 9:45:00 AM | | | |
| Lab ID: 2002832-009 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | : JMT | | |
| Chloride | 2300 | 150 | | mg/Kg | 50 | 2/21/2020 7:42:48 PM | 50574 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analyst | BRM | | |
| Diesel Range Organics (DRO) | 1400 | 43 | | mg/Kg | 5 | 2/24/2020 6:40:31 PM | 50566 | | |
| Motor Oil Range Organics (MRO) | 510 | 210 | | mg/Kg | 5 | 2/24/2020 6:40:31 PM | 50566 | | |
| Surr: DNOP | 130 | 55.1-146 | | %Rec | 5 | 2/24/2020 6:40:31 PM | 50566 | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | | Analyst | : NSB | | |
| Gasoline Range Organics (GRO) | 25 | 4.9 | | mg/Kg | 1 | 2/21/2020 9:32:30 PM | 50562 | | |
| Surr: BFB | 217 | 66.6-105 | S | %Rec | 1 | 2/21/2020 9:32:30 PM | 50562 | | |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | : NSB | | |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 2/21/2020 9:32:30 PM | 50562 | | |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 2/21/2020 9:32:30 PM | 50562 | | |
| Ethylbenzene | 0.050 | 0.049 | | mg/Kg | 1 | 2/21/2020 9:32:30 PM | 50562 | | |
| Xylenes, Total | 0.30 | 0.098 | | mg/Kg | 1 | 2/21/2020 9:32:30 PM | 50562 | | |
| Surr: 4-Bromofluorobenzene | 95.7 | 80-120 | | %Rec | 1 | 2/21/2020 9:32:30 PM | 50562 | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | Client Sample ID: S3-1' | | | | | | | | |
|-------------------------------------|--|----------|------|-------|----|-----------------------|-------|--|--|
| Project: Cypress 001 H | Collection Date: 2/17/2020 9:46:00 AM | | | | | | | | |
| Lab ID: 2002832-010 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | ЈМТ | | |
| Chloride | 2000 | 60 | | mg/Kg | 20 | 2/21/2020 12:38:25 AM | 50574 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analyst | BRM | | |
| Diesel Range Organics (DRO) | 1000 | 47 | | mg/Kg | 5 | 2/24/2020 7:04:27 PM | 50566 | | |
| Motor Oil Range Organics (MRO) | 450 | 230 | | mg/Kg | 5 | 2/24/2020 7:04:27 PM | 50566 | | |
| Surr: DNOP | 135 | 55.1-146 | | %Rec | 5 | 2/24/2020 7:04:27 PM | 50566 | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | | Analyst | NSB | | |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 2/21/2020 9:55:54 PM | 50562 | | |
| Surr: BFB | 129 | 66.6-105 | S | %Rec | 1 | 2/21/2020 9:55:54 PM | 50562 | | |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | NSB | | |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 2/21/2020 9:55:54 PM | 50562 | | |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 2/21/2020 9:55:54 PM | 50562 | | |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 2/21/2020 9:55:54 PM | 50562 | | |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 2/21/2020 9:55:54 PM | 50562 | | |
| Surr: 4-Bromofluorobenzene | 94.0 | 80-120 | | %Rec | 1 | 2/21/2020 9:55:54 PM | 50562 | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | Client Sample ID: S3-1.5' | | | | | | | | |
|-------------------------------------|--|----------|---------|---------|---------------|-----------------------|-------|--|--|
| Project: Cypress 001 H | | (| Collect | ion Dat | e: 2/1 | 7/2020 9:50:00 AM | | | |
| Lab ID: 2002832-011 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: | ЈМТ | | |
| Chloride | 990 | 59 | | mg/Kg | 20 | 2/21/2020 12:55:19 PM | 50585 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analyst: | BRM | | |
| Diesel Range Organics (DRO) | 640 | 9.6 | | mg/Kg | 1 | 2/24/2020 7:28:25 PM | 50566 | | |
| Motor Oil Range Organics (MRO) | 290 | 48 | | mg/Kg | 1 | 2/24/2020 7:28:25 PM | 50566 | | |
| Surr: DNOP | 148 | 55.1-146 | S | %Rec | 1 | 2/24/2020 7:28:25 PM | 50566 | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: | NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 2/21/2020 10:19:16 PM | 50562 | | |
| Surr: BFB | 95.4 | 66.6-105 | | %Rec | 1 | 2/21/2020 10:19:16 PM | 50562 | | |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: | NSB | | |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 2/21/2020 10:19:16 PM | 50562 | | |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 2/21/2020 10:19:16 PM | 50562 | | |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 2/21/2020 10:19:16 PM | 50562 | | |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 2/21/2020 10:19:16 PM | 50562 | | |
| Surr: 4-Bromofluorobenzene | 92.1 | 80-120 | | %Rec | 1 | 2/21/2020 10:19:16 PM | 50562 | | |

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

Qualifiers:

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

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

RL Reporting Limit Page 11 of 39

Analytical Report
Lab Order 2002832

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832 Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates Project: Cypress 001 H Lab ID: 2002832-012 | Matrix: SOIL | -2' 7/2020 9:52:00 AM 20/2020 9:00:00 AM | | | | |
|---|--------------|--|------------|----|-----------------------|-------|
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | JMT |
| Chloride | 150 | 59 | mg/Kg | 20 | 2/21/2020 1:57:05 PM | 50585 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM |
| Diesel Range Organics (DRO) | 100 | 9.7 | mg/Kg | 1 | 2/24/2020 8:16:03 PM | 50566 |
| Motor Oil Range Organics (MRO) | 50 | 49 | mg/Kg | 1 | 2/24/2020 8:16:03 PM | 50566 |
| Surr: DNOP | 118 | 55.1-146 | %Rec | 1 | 2/24/2020 8:16:03 PM | 50566 |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst | : NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 2/21/2020 11:29:38 PM | 50562 |
| Surr: BFB | 81.3 | 66.6-105 | %Rec | 1 | 2/21/2020 11:29:38 PM | 50562 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/21/2020 11:29:38 PM | 50562 |
| Toluene | ND | 0.050 | mg/Kg | 1 | 2/21/2020 11:29:38 PM | 50562 |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 2/21/2020 11:29:38 PM | 50562 |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 2/21/2020 11:29:38 PM | 50562 |
| Surr: 4-Bromofluorobenzene | 89.4 | 80-120 | %Rec | 1 | 2/21/2020 11:29:38 PM | 50562 |

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

Qualifiers:

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

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

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Surr: 4-Bromofluorobenzene

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

2/21/2020 11:53:01 PM 50562

| CLIENT: Souder, Miller & Associates | | Cl | ient Sa | ample II | D: S4 | -6" | |
|-------------------------------------|--------------|----------|---------|----------|---------------|-----------------------|-------|
| Project: Cypress 001 H | | | Collect | tion Dat | e: 2/1 | 7/2020 9:56:00 AM | |
| Lab ID: 2002832-013 | Matrix: SOIL | | Recei | ved Dat | e: 2/2 | 20/2020 9:00:00 AM | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: | ЈМТ |
| Chloride | 3400 | 150 | | mg/Kg | 50 | 2/25/2020 10:59:16 AM | 50585 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analyst | BRM |
| Diesel Range Organics (DRO) | 700 | 9.4 | | mg/Kg | 1 | 2/22/2020 4:17:18 AM | 50566 |
| Motor Oil Range Organics (MRO) | 330 | 47 | | mg/Kg | 1 | 2/22/2020 4:17:18 AM | 50566 |
| Surr: DNOP | 109 | 55.1-146 | | %Rec | 1 | 2/22/2020 4:17:18 AM | 50566 |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | 7.1 | 4.7 | | mg/Kg | 1 | 2/21/2020 11:53:01 PM | 50562 |
| Surr: BFB | 128 | 66.6-105 | S | %Rec | 1 | 2/21/2020 11:53:01 PM | 50562 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: | NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 2/21/2020 11:53:01 PM | 50562 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 2/21/2020 11:53:01 PM | 50562 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 2/21/2020 11:53:01 PM | 50562 |
| Xylenes, Total | 0.12 | 0.094 | | mg/Kg | 1 | 2/21/2020 11:53:01 PM | 50562 |

92.7

80-120

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

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

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Analytical Report Lab Order 2002832

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sample II | D: S4 | 1' | | | |
|-------------------------------------|--|----------|----------------|---------------|-----------------------|-------|--|--|
| Project: Cypress 001 H | | (| Collection Dat | e: 2/1 | 17/2020 9:57:00 AM | | | |
| Lab ID: 2002832-014 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | ЈМТ | | |
| Chloride | 230 | 60 | mg/Kg | 20 | 2/21/2020 2:21:47 PM | 50585 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM | | |
| Diesel Range Organics (DRO) | 72 | 9.8 | mg/Kg | 1 | 2/24/2020 8:39:49 PM | 50566 | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 2/24/2020 8:39:49 PM | 50566 | | |
| Surr: DNOP | 118 | 55.1-146 | %Rec | 1 | 2/24/2020 8:39:49 PM | 50566 | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 2/22/2020 12:16:21 AM | 50562 | | |
| Surr: BFB | 85.8 | 66.6-105 | %Rec | 1 | 2/22/2020 12:16:21 AM | 50562 | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB | | |
| Benzene | ND | 0.023 | mg/Kg | 1 | 2/22/2020 12:16:21 AM | 50562 | | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 2/22/2020 12:16:21 AM | 50562 | | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 2/22/2020 12:16:21 AM | 50562 | | |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 2/22/2020 12:16:21 AM | 50562 | | |
| Surr: 4-Bromofluorobenzene | 91.2 | 80-120 | %Rec | 1 | 2/22/2020 12:16:21 AM | 50562 | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates Project: Cypress 001 H | | | ient Sample II Collection Date | | -1.5' 17/2020 9:57:00 AM | | |
|---|--|----------|-----------------------------------|----|-----------------------------|-------|--|
| Lab ID: 2002832-015 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CJS | |
| Chloride | 230 | 60 | mg/Kg | 20 | 2/24/2020 1:04:25 PM | 50612 | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM | |
| Diesel Range Organics (DRO) | 31 | 9.9 | mg/Kg | 1 | 2/25/2020 7:54:09 AM | 50579 | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 2/25/2020 7:54:09 AM | 50579 | |
| Surr: DNOP | 69.9 | 55.1-146 | %Rec | 1 | 2/25/2020 7:54:09 AM | 50579 | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | : NSB | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 2/22/2020 12:39:44 AN | 50569 | |
| Surr: BFB | 85.9 | 66.6-105 | %Rec | 1 | 2/22/2020 12:39:44 AN | 50569 | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : NSB | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/22/2020 12:39:44 AN | 50569 | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 2/22/2020 12:39:44 AN | 50569 | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 2/22/2020 12:39:44 AN | 50569 | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 2/22/2020 12:39:44 AN | 50569 | |
| Surr: 4-Bromofluorobenzene | 94.6 | 80-120 | %Rec | 1 | 2/22/2020 12:39:44 AN | 50569 | |

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

Qualifiers:

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

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

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CLIENT: Souder, Miller & Associates

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832 Date Reported: 2/27/2020

Client Sample ID: S4-2' Collection Date: 2/17/2020 9:58:00 AM

| Project: | Cypress 001 H | Collection Date: 2/17/2020 9:58:00 AM | | | | | | | |
|----------|-------------------------|---------------------------------------|----------|---------------------|---------------|-----------------------|-------|--|--|
| Lab ID: | 2002832-016 | Matrix: SOIL | | Received Dat | e: 2/2 | 20/2020 9:00:00 AM | | | |
| Analyses | 5 | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA ME | THOD 300.0: ANIONS | | | | | Analyst | CJS | | |
| Chloride | | 230 | 60 | mg/Kg | 20 | 2/24/2020 1:16:46 PM | 50612 | | |
| EPA ME | THOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst | BRM | | |
| Diesel R | ange Organics (DRO) | ND | 9.7 | mg/Kg | 1 | 2/25/2020 11:14:21 AM | 50579 | | |
| Motor O | il Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 2/25/2020 11:14:21 AM | 50579 | | |
| Surr: | DNOP | 80.5 | 55.1-146 | %Rec | 1 | 2/25/2020 11:14:21 AM | 50579 | | |
| EPA ME | THOD 8015D: GASOLINE RA | ANGE | | | | Analyst | : NSB | | |
| Gasoline | e Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 2/22/2020 1:49:44 AM | 50569 | | |
| Surr: | BFB | 80.2 | 66.6-105 | %Rec | 1 | 2/22/2020 1:49:44 AM | 50569 | | |
| EPA ME | THOD 8021B: VOLATILES | | | | | Analyst | : NSB | | |
| Benzene | 9 | ND | 0.025 | mg/Kg | 1 | 2/22/2020 1:49:44 AM | 50569 | | |
| Toluene | | ND | 0.049 | mg/Kg | 1 | 2/22/2020 1:49:44 AM | 50569 | | |
| Ethylber | nzene | ND | 0.049 | mg/Kg | 1 | 2/22/2020 1:49:44 AM | 50569 | | |
| Xylenes, | , Total | ND | 0.099 | mg/Kg | 1 | 2/22/2020 1:49:44 AM | 50569 | | |
| Surr: | 4-Bromofluorobenzene | 87.7 | 80-120 | %Rec | 1 | 2/22/2020 1:49:44 AM | 50569 | | |

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

Qualifiers:

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

Analyte detected in the associated Method Blank в

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

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates Project: Cypress 001 H Lab ID: 2002822 017 | Client Sample ID: S5-6" Collection Date: 2/17/2020 10:00:00 AM | | | | | | |
|--|---|----------|---|-------|----|-------------------------------------|-------|
| Lab ID: 2002832-017 Analyses | Matrix: SOIL Result | RL | | Units | | 20/2020 9:00:00 AM Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | • | | | | імт |
| Chloride | 3500 | 150 | | mg/Kg | 50 | 2/25/2020 11:36:20 AM | |
| EPA METHOD 8015M/D: DIESEL RANGE (| ORGANICS | | | 5 5 | | Analyst | BRM |
| Diesel Range Organics (DRO) | 2400 | 92 | | mg/Kg | 10 | 2/25/2020 9:37:56 AM | 50579 |
| Motor Oil Range Organics (MRO) | 1200 | 460 | | mg/Kg | 10 | 2/25/2020 9:37:56 AM | 50579 |
| Surr: DNOP | 0 | 55.1-146 | S | %Rec | 10 | 2/25/2020 9:37:56 AM | 50579 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | 24 | 5.0 | | mg/Kg | 1 | 2/22/2020 2:59:37 AM | 50569 |
| Surr: BFB | 198 | 66.6-105 | S | %Rec | 1 | 2/22/2020 2:59:37 AM | 50569 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 2/22/2020 2:59:37 AM | 50569 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 2/22/2020 2:59:37 AM | 50569 |
| Ethylbenzene | 0.066 | 0.050 | | mg/Kg | 1 | 2/22/2020 2:59:37 AM | 50569 |
| Xylenes, Total | 0.91 | 0.10 | | mg/Kg | 1 | 2/22/2020 2:59:37 AM | 50569 |
| Surr: 4-Bromofluorobenzene | 98.0 | 80-120 | | %Rec | 1 | 2/22/2020 2:59:37 AM | 50569 |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates Project: Cypress 001 H Lab ID: 2002832-018 | Client Sample ID: S5-1' Collection Date: 2/17/2020 10:00:00 AM Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | |
|--|---|----------|---|-------|----|-----------------------|-------|
| Analyses | Result | RL | | Units | | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | : CJS |
| Chloride | 690 | 60 | | mg/Kg | 20 | 2/24/2020 2:30:50 PM | 50612 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analyst | BRM |
| Diesel Range Organics (DRO) | 1100 | 95 | | mg/Kg | 10 | 2/25/2020 11:37:58 AM | 50579 |
| Motor Oil Range Organics (MRO) | 600 | 470 | | mg/Kg | 10 | 2/25/2020 11:37:58 AM | 50579 |
| Surr: DNOP | 0 | 55.1-146 | S | %Rec | 10 | 2/25/2020 11:37:58 AM | 50579 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst | : NSB |
| Gasoline Range Organics (GRO) | 7.8 | 5.0 | | mg/Kg | 1 | 2/22/2020 3:22:58 AM | 50569 |
| Surr: BFB | 154 | 66.6-105 | S | %Rec | 1 | 2/22/2020 3:22:58 AM | 50569 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | : NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 2/22/2020 3:22:58 AM | 50569 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 2/22/2020 3:22:58 AM | 50569 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 2/22/2020 3:22:58 AM | 50569 |
| Xylenes, Total | 0.15 | 0.10 | | mg/Kg | 1 | 2/22/2020 3:22:58 AM | 50569 |
| Surr: 4-Bromofluorobenzene | 92.9 | 80-120 | | %Rec | 1 | 2/22/2020 3:22:58 AM | 50569 |

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

Qualifiers:

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

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

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Analytical Report
Lab Order 2002832

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates Project: Cypress 001 H Lab ID: 2002832-019 | Client Sample ID: S5-1.5' Collection Date: 2/17/2020 10:02:00 AM Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | |
|--|---|----------|------------|----|----------------------|-------|--|
| Analyses | Result | RL | Qual Units | | Date Analyzed | Batch | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | : CJS | |
| Chloride | 260 | 60 | mg/Kg | 20 | 2/24/2020 2:43:11 PM | 50612 | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM | |
| Diesel Range Organics (DRO) | 94 | 9.6 | mg/Kg | 1 | 2/25/2020 1:19:25 PM | 50579 | |
| Motor Oil Range Organics (MRO) | 52 | 48 | mg/Kg | 1 | 2/25/2020 1:19:25 PM | 50579 | |
| Surr: DNOP | 91.4 | 55.1-146 | %Rec | 1 | 2/25/2020 1:19:25 PM | 50579 | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst | : NSB | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 2/22/2020 3:46:17 AM | 50569 | |
| Surr: BFB | 86.2 | 66.6-105 | %Rec | 1 | 2/22/2020 3:46:17 AM | 50569 | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : NSB | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/22/2020 3:46:17 AM | 50569 | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 2/22/2020 3:46:17 AM | 50569 | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 2/22/2020 3:46:17 AM | 50569 | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 2/22/2020 3:46:17 AM | 50569 | |
| Surr: 4-Bromofluorobenzene | 88.7 | 80-120 | %Rec | 1 | 2/22/2020 3:46:17 AM | 50569 | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sample II | D: S5 | 5-2' | |
|-------------------------------------|--------------|----------|---------------------|---------------|-----------------------|-------|
| Project: Cypress 001 H | | (| Collection Dat | e: 2/2 | 17/2020 10:04:00 AM | |
| Lab ID: 2002832-020 | Matrix: SOIL | | Received Dat | e: 2/2 | 20/2020 9:00:00 AM | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CJS |
| Chloride | 100 | 60 | mg/Kg | 20 | 2/24/2020 2:55:32 PM | 50612 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM |
| Diesel Range Organics (DRO) | 45 | 9.6 | mg/Kg | 1 | 2/25/2020 12:29:18 PM | 50579 |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 2/25/2020 12:29:18 PM | 50579 |
| Surr: DNOP | 82.3 | 55.1-146 | %Rec | 1 | 2/25/2020 12:29:18 PM | 50579 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 2/22/2020 4:09:35 AM | 50569 |
| Surr: BFB | 79.2 | 66.6-105 | %Rec | 1 | 2/22/2020 4:09:35 AM | 50569 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/22/2020 4:09:35 AM | 50569 |
| Toluene | ND | 0.050 | mg/Kg | 1 | 2/22/2020 4:09:35 AM | 50569 |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 2/22/2020 4:09:35 AM | 50569 |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 2/22/2020 4:09:35 AM | 50569 |
| Surr: 4-Bromofluorobenzene | 87.6 | 80-120 | %Rec | 1 | 2/22/2020 4:09:35 AM | 50569 |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | | ient Sar | - | | | |
|-------------------------------------|--------------|----------|-----------|--------|---------------|----------------------|-------|
| Project: Cypress 001 H | | (| Collectio | on Dat | e: 2/1 | 7/2020 10:06:00 AM | |
| Lab ID: 2002832-021 | Matrix: SOIL | | Receive | ed Dat | e: 2/2 | 20/2020 9:00:00 AM | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | CJS |
| Chloride | 500 | 60 | | mg/Kg | 20 | 2/24/2020 3:07:53 PM | 50612 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analyst | BRM |
| Diesel Range Organics (DRO) | 460 | 9.8 | | mg/Kg | 1 | 2/25/2020 1:02:16 PM | 50579 |
| Motor Oil Range Organics (MRO) | 200 | 49 | | mg/Kg | 1 | 2/25/2020 1:02:16 PM | 50579 |
| Surr: DNOP | 101 | 55.1-146 | | %Rec | 1 | 2/25/2020 1:02:16 PM | 50579 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst | : NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 2/22/2020 4:32:53 AM | 50569 |
| Surr: BFB | 86.8 | 66.6-105 | | %Rec | 1 | 2/22/2020 4:32:53 AM | 50569 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | : NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 2/22/2020 4:32:53 AM | 50569 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 2/22/2020 4:32:53 AM | 50569 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 2/22/2020 4:32:53 AM | 50569 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 2/22/2020 4:32:53 AM | 50569 |
| Surr: 4-Bromofluorobenzene | 89.2 | 80-120 | | %Rec | 1 | 2/22/2020 4:32:53 AM | 50569 |

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

Qualifiers:

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

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

RL Reporting Limit

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Analytical Report
Lab Order 2002832

Hall Environmental Analysis Laboratory, Inc.

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sample II | D: S6 | -1' | |
|-------------------------------------|--------------|----------|---------------------|---------------|-----------------------|-------|
| Project: Cypress 001 H | | (| Collection Dat | e: 2/1 | 7/2020 10:10:00 AM | |
| Lab ID: 2002832-022 | Matrix: SOIL | | Received Dat | e: 2/2 | 20/2020 9:00:00 AM | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CJS |
| Chloride | 340 | 60 | mg/Kg | 20 | 2/24/2020 3:20:14 PM | 50612 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM |
| Diesel Range Organics (DRO) | 230 | 9.6 | mg/Kg | 1 | 2/25/2020 12:55:18 PM | 50579 |
| Motor Oil Range Organics (MRO) | 100 | 48 | mg/Kg | 1 | 2/25/2020 12:55:18 PM | 50579 |
| Surr: DNOP | 100 | 55.1-146 | %Rec | 1 | 2/25/2020 12:55:18 PM | 50579 |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 2/22/2020 6:52:32 AM | 50569 |
| Surr: BFB | 78.4 | 66.6-105 | %Rec | 1 | 2/22/2020 6:52:32 AM | 50569 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/22/2020 6:52:32 AM | 50569 |
| Toluene | ND | 0.049 | mg/Kg | 1 | 2/22/2020 6:52:32 AM | 50569 |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 2/22/2020 6:52:32 AM | 50569 |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 2/22/2020 6:52:32 AM | 50569 |
| Surr: 4-Bromofluorobenzene | 84.7 | 80-120 | %Rec | 1 | 2/22/2020 6:52:32 AM | 50569 |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sample II | D: S6 | -1.5' | | |
|-------------------------------------|--|----------|----------------|---------------|----------------------|-------|--|
| Project: Cypress 001 H | | (| Collection Dat | e: 2/1 | 7/2020 10:15:00 AM | | |
| Lab ID: 2002832-023 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CJS | |
| Chloride | 150 | 60 | mg/Kg | 20 | 2/24/2020 3:32:34 PM | 50612 | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM | |
| Diesel Range Organics (DRO) | 11 | 9.7 | mg/Kg | 1 | 2/25/2020 1:46:18 PM | 50579 | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 2/25/2020 1:46:18 PM | 50579 | |
| Surr: DNOP | 79.2 | 55.1-146 | %Rec | 1 | 2/25/2020 1:46:18 PM | 50579 | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | NSB | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 2/22/2020 7:15:48 AM | 50569 | |
| Surr: BFB | 81.9 | 66.6-105 | %Rec | 1 | 2/22/2020 7:15:48 AM | 50569 | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/22/2020 7:15:48 AM | 50569 | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 2/22/2020 7:15:48 AM | 50569 | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 2/22/2020 7:15:48 AM | 50569 | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 2/22/2020 7:15:48 AM | 50569 | |
| Surr: 4-Bromofluorobenzene | 91.9 | 80-120 | %Rec | 1 | 2/22/2020 7:15:48 AM | 50569 | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sample II | D: S6 | 5-2' | |
|-------------------------------------|--------------|----------|---------------------|---------------|----------------------|-------|
| Project: Cypress 001 H | | | Collection Dat | e: 2/1 | 17/2020 10:20:00 AM | |
| Lab ID: 2002832-024 | Matrix: SOIL | | Received Dat | e: 2/2 | 20/2020 9:00:00 AM | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CJS |
| Chloride | 61 | 60 | mg/Kg | 20 | 2/24/2020 3:44:55 PM | 50612 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM |
| Diesel Range Organics (DRO) | ND | 9.7 | mg/Kg | 1 | 2/25/2020 1:43:42 PM | 50579 |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 2/25/2020 1:43:42 PM | 50579 |
| Surr: DNOP | 93.0 | 55.1-146 | %Rec | 1 | 2/25/2020 1:43:42 PM | 50579 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | : NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 2/22/2020 7:39:06 AM | 50569 |
| Surr: BFB | 80.5 | 66.6-105 | %Rec | 1 | 2/22/2020 7:39:06 AM | 50569 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 2/22/2020 7:39:06 AM | 50569 |
| Toluene | ND | 0.048 | mg/Kg | 1 | 2/22/2020 7:39:06 AM | 50569 |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 2/22/2020 7:39:06 AM | 50569 |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 2/22/2020 7:39:06 AM | 50569 |
| Surr: 4-Bromofluorobenzene | 88.8 | 80-120 | %Rec | 1 | 2/22/2020 7:39:06 AM | 50569 |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sa | ample II | D: S7 | -Surface | |
|-------------------------------------|--|----------|---------|----------|---------------|-----------------------|-------|
| Project: Cypress 001 H | | (| Collect | tion Dat | e: 2/1 | 7/2020 10:25:00 AM | |
| Lab ID: 2002832-025 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | CJS |
| Chloride | 1400 | 60 | | mg/Kg | 20 | 2/24/2020 4:21:57 PM | 50612 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analyst | BRM |
| Diesel Range Organics (DRO) | 1500 | 94 | | mg/Kg | 10 | 2/25/2020 12:06:02 PM | 50579 |
| Motor Oil Range Organics (MRO) | 1200 | 470 | | mg/Kg | 10 | 2/25/2020 12:06:02 PM | 50579 |
| Surr: DNOP | 0 | 55.1-146 | S | %Rec | 10 | 2/25/2020 12:06:02 PM | 50579 |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | | Analyst | : NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 2/22/2020 8:02:21 AM | 50569 |
| Surr: BFB | 75.8 | 66.6-105 | | %Rec | 1 | 2/22/2020 8:02:21 AM | 50569 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | : NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 2/22/2020 8:02:21 AM | 50569 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 2/22/2020 8:02:21 AM | 50569 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 2/22/2020 8:02:21 AM | 50569 |
| Xylenes, Total | ND | 0.094 | | mg/Kg | 1 | 2/22/2020 8:02:21 AM | 50569 |
| Surr: 4-Bromofluorobenzene | 83.5 | 80-120 | | %Rec | 1 | 2/22/2020 8:02:21 AM | 50569 |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT:Souder, Miller & AssociatesProject:Cypress 001 HLab ID:2002832-026 | Client Sample ID: S7-6" Collection Date: 2/17/2020 10:30:00 AM Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | |
|---|---|----------|------------|----|----------------------|-------|--|--|--|
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: | CJS | | | |
| Chloride | 170 | 60 | mg/Kg | 20 | 2/24/2020 4:34:18 PM | 50612 | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: | BRM | | | |
| Diesel Range Organics (DRO) | 35 | 9.3 | mg/Kg | 1 | 2/25/2020 2:07:40 PM | 50579 | | | |
| Motor Oil Range Organics (MRO) | 56 | 47 | mg/Kg | 1 | 2/25/2020 2:07:40 PM | 50579 | | | |
| Surr: DNOP | 97.9 | 55.1-146 | %Rec | 1 | 2/25/2020 2:07:40 PM | 50579 | | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: | NSB | | | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 2/22/2020 8:25:38 AM | 50569 | | | |
| Surr: BFB | 81.0 | 66.6-105 | %Rec | 1 | 2/22/2020 8:25:38 AM | 50569 | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: | NSB | | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/22/2020 8:25:38 AM | 50569 | | | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 2/22/2020 8:25:38 AM | 50569 | | | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 2/22/2020 8:25:38 AM | 50569 | | | |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 2/22/2020 8:25:38 AM | 50569 | | | |
| Surr: 4-Bromofluorobenzene | 89.0 | 80-120 | %Rec | 1 | 2/22/2020 8:25:38 AM | 50569 | | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sa | ample II | D: S8 | -Surface | | | |
|-------------------------------------|--|--|---------|----------|--------------|-----------------------|-------|--|--|
| Project: Cypress 001 H | Collection Date: 2/17/2020 10:35:00 AM | | | | | | | | |
| Lab ID: 2002832-027 | Matrix: SOIL | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | CJS | | |
| Chloride | 1100 | 60 | | mg/Kg | 20 | 2/24/2020 4:46:39 PM | 50612 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | E ORGANICS | | | | | Analyst | BRM | | |
| Diesel Range Organics (DRO) | 1300 | 97 | | mg/Kg | 10 | 2/25/2020 12:48:30 PM | 50579 | | |
| Motor Oil Range Organics (MRO) | 890 | 480 | | mg/Kg | 10 | 2/25/2020 12:48:30 PM | 50579 | | |
| Surr: DNOP | 0 | 55.1-146 | S | %Rec | 10 | 2/25/2020 12:48:30 PM | 50579 | | |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | | Analyst | NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 2/22/2020 8:48:57 AM | 50569 | | |
| Surr: BFB | 78.3 | 66.6-105 | | %Rec | 1 | 2/22/2020 8:48:57 AM | 50569 | | |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | NSB | | |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 2/22/2020 8:48:57 AM | 50569 | | |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 2/22/2020 8:48:57 AM | 50569 | | |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 2/22/2020 8:48:57 AM | 50569 | | |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 2/22/2020 8:48:57 AM | 50569 | | |
| Surr: 4-Bromofluorobenzene | 85.5 | 80-120 | | %Rec | 1 | 2/22/2020 8:48:57 AM | 50569 | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates Project: Cypress 001 H Lab ID: 2002832-028 | Client Sample ID: S8-6" Collection Date: 2/17/2020 10:40:00 AM Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | |
|--|---|----------|------------|----|----------------------|-------|--|--|--|
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | : CJS | | | |
| Chloride | 180 | 60 | mg/Kg | 20 | 2/24/2020 4:58:59 PM | 50612 | | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM | | | |
| Diesel Range Organics (DRO) | 13 | 9.8 | mg/Kg | 1 | 2/25/2020 1:59:10 PM | 50579 | | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 2/25/2020 1:59:10 PM | 50579 | | | |
| Surr: DNOP | 91.8 | 55.1-146 | %Rec | 1 | 2/25/2020 1:59:10 PM | 50579 | | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | : NSB | | | |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 2/22/2020 9:12:19 AM | 50569 | | | |
| Surr: BFB | 79.0 | 66.6-105 | %Rec | 1 | 2/22/2020 9:12:19 AM | 50569 | | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : NSB | | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 2/22/2020 9:12:19 AM | 50569 | | | |
| Toluene | ND | 0.050 | mg/Kg | 1 | 2/22/2020 9:12:19 AM | 50569 | | | |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 2/22/2020 9:12:19 AM | 50569 | | | |
| Xylenes, Total | ND | 0.099 | mg/Kg | 1 | 2/22/2020 9:12:19 AM | 50569 | | | |
| Surr: 4-Bromofluorobenzene | 87.4 | 80-120 | %Rec | 1 | 2/22/2020 9:12:19 AM | 50569 | | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates Project: Cypress 001 H | Client Sample ID: S9-Surface Collection Date: 2/17/2020 1:00:00 PM | | | | | | | | |
|---|---|----------|------|-------|-----|-----------------------|-------|--|--|
| Lab ID: 2002832-029 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | | |
| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: | ЈМТ | | |
| Chloride | 7400 | 300 | | mg/Kg | 100 | 2/25/2020 11:48:42 AM | 50612 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | | Analyst: | BRM | | |
| Diesel Range Organics (DRO) | 1500 | 95 | | mg/Kg | 10 | 2/25/2020 10:03:03 AM | 50579 | | |
| Motor Oil Range Organics (MRO) | 1200 | 480 | | mg/Kg | 10 | 2/25/2020 10:03:03 AM | 50579 | | |
| Surr: DNOP | 0 | 55.1-146 | S | %Rec | 10 | 2/25/2020 10:03:03 AM | 50579 | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | | Analyst: | NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 2/22/2020 9:35:41 AM | 50569 | | |
| Surr: BFB | 80.5 | 66.6-105 | | %Rec | 1 | 2/22/2020 9:35:41 AM | 50569 | | |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: | NSB | | |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 2/22/2020 9:35:41 AM | 50569 | | |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 2/22/2020 9:35:41 AM | 50569 | | |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 2/22/2020 9:35:41 AM | 50569 | | |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 2/22/2020 9:35:41 AM | 50569 | | |
| Surr: 4-Bromofluorobenzene | 88.2 | 80-120 | | %Rec | 1 | 2/22/2020 9:35:41 AM | 50569 | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2002832

Date Reported: 2/27/2020

| CLIENT: Souder, Miller & Associates Project: Cypress 001 H | | | ient Sample II Collection Dat | | -6" 7/2020 1:05:00 PM | | | |
|---|--|----------|----------------------------------|----|--------------------------|-------|--|--|
| Lab ID: 2002832-030 | Matrix: SOIL Received Date: 2/20/2020 9:00:00 AM | | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | : CJS | | |
| Chloride | 410 | 60 | mg/Kg | 20 | 2/24/2020 5:23:41 PM | 50612 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | BRM | | |
| Diesel Range Organics (DRO) | 110 | 9.6 | mg/Kg | 1 | 2/25/2020 10:26:27 AM | 50579 | | |
| Motor Oil Range Organics (MRO) | 90 | 48 | mg/Kg | 1 | 2/25/2020 10:26:27 AM | 50579 | | |
| Surr: DNOP | 92.6 | 55.1-146 | %Rec | 1 | 2/25/2020 10:26:27 AM | 50579 | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | : NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 2/22/2020 9:59:07 AM | 50569 | | |
| Surr: BFB | 82.8 | 66.6-105 | %Rec | 1 | 2/22/2020 9:59:07 AM | 50569 | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : NSB | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 2/22/2020 9:59:07 AM | 50569 | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 2/22/2020 9:59:07 AM | 50569 | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 2/22/2020 9:59:07 AM | 50569 | | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 2/22/2020 9:59:07 AM | 50569 | | |
| Surr: 4-Bromofluorobenzene | 88.8 | 80-120 | %Rec | 1 | 2/22/2020 9:59:07 AM | 50569 | | |

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

Qualifiers:

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

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

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| Hall Environmental Analysis | s Laboratory, Inc | с. | | | Analytical Report Lab Order 2002832 Date Reported: 2/27/2 | .020 |
|---|---------------------|------|-------|---------------|---|---------------------------|
| CLIENT: Souder, Miller & Associates Project: Cypress 001 H | | Coll | | e: 2/1 | 7/2020 2:54:00 PM | |
| Lab ID: 2002832-031 Analyses | Matrix: SOIL Result | | | | 20/2020 9:00:00 AM Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS Chloride | ND | 60 | mg/Kg | 20 | • | st: CJS 1 50639 |

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

Qualifiers:

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

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

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QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | Souder, Mil Cypress 001 | | ociate | :S | | | | | | | |
|---------------------|----------------------------|-------------------------|-----------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Sample ID: MB | -50574 | SampTy | be: mk | olk | Tes | tCode: EF | PA Method | 300.0: Anions | ; | | |
| Client ID: PB | S | Batch I | D: 50 | 574 | F | RunNo: 66 | 6684 | | | | |
| Prep Date: 2/ | 20/2020 A | nalysis Da | te: 2/ | 20/2020 | S | SeqNo: 22 | 292671 | Units: mg/Kg | 9 | | |
| Analyte Chloride | | Result ND | PQL 1.5 | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Sample ID: LC: | S-50574 | SampTy | oe: Ics | ; | Tes | tCode: EF | PA Method | 300.0: Anions | ; | | |
| Client ID: LC | SS | Batch I | D: 50 | 574 | F | RunNo: 66 | 6684 | | | | |
| Prep Date: 2/ | 20/2020 A | nalysis Da | te: 2/ | 20/2020 | 5 | SeqNo: 22 | 292672 | Units: mg/Kg | 9 | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 14 | 1.5 | 15.00 | 0 | 91.9 | 90 | 110 | | | |
| Sample ID: MB | -50585 | SampTy | oe: mb | olk | Tes | tCode: EF | PA Method | 300.0: Anions | ; | | |
| Client ID: PB | S | Batch I | D: 50 | 585 | F | RunNo: 66 | 6715 | | | | |
| Prep Date: 2/ | 21/2020 A | nalysis Da | te: 2/ 2 | 21/2020 | S | SeqNo: 22 | 294149 | Units: mg/Kg | 9 | | |
| Analyte | I | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND | 1.5 | | | | | | | | |
| Sample ID: LC: | S-50585 | SampTy | oe: Ics | i | Tes | tCode: EF | PA Method | 300.0: Anions | | | |
| Client ID: LC: | SS | Batch I | D: 50 | 585 | F | RunNo: 66 | 6715 | | | | |
| Prep Date: 2/ | 21/2020 A | nalysis Da [.] | te: 2/ | 21/2020 | 5 | SeqNo: 22 | 294150 | Units: mg/Kg | 9 | | |
| Analyte | I | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 14 | 1.5 | 15.00 | 0 | 92.6 | 90 | 110 | | | |
| Sample ID: MB | -50612 | SampTy | oe: mk | olk | Tes | tCode: EF | PA Method | 300.0: Anions | | | |
| Client ID: PB | S | Batch I | D: 50 | 612 | F | RunNo: 66 | 6754 | | | | |
| Prep Date: 2/ | 24/2020 A | nalysis Da | te: 2/ | 24/2020 | S | SeqNo: 22 | 295449 | Units: mg/Kg | 9 | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND | 1.5 | | | | | | | | |
| Sample ID: LC | S-50612 | SampTy | be: Ics | | Tes | tCode: EF | PA Method | 300.0: Anions | ; | | |
| Client ID: LC: | SS | Batch I | D: 50 | 612 | F | RunNo: 66 | 6754 | | | | |
| Prep Date: 2/ | 2 4/2020 A | nalysis Da | te: 2/ | 24/2020 | S | SeqNo: 22 | 295450 | Units: mg/Kg | 9 | | |
| Analyte | I | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 14 | 1.5 | 15.00 | 0 | 91.6 | 90 | 110 | | | |

Qualifiers:

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

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

2002832

27-Feb-20

WO#:

| Client: Project: | | er, Miller & As ess 001 H | sociate | es | | | | | | | |
|---------------------|----------|------------------------------|-----------------|-----------|-------------|------------------|-----------|--------------|------|----------|------|
| Sample ID: ME | B-50639 | SampTy | /pe: m k | olk | Tes | tCode: EF | PA Method | 300.0: Anion | s | | |
| Client ID: PE | BS | Batch | ID: 50 | 639 | F | RunNo: 66 | 6754 | | | | |
| Prep Date: 2 | /24/2020 | Analysis Da | ate: 2/ | 24/2020 | S | SeqNo: 22 | 295479 | Units: mg/K | g | | |
| Analyte Chloride | | Result ND | PQL 1.5 | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Sample ID: LC | S-50639 | SampTy | /pe: Ics | ; | Tes | tCode: EF | PA Method | 300.0: Anion | s | | |
| Client ID: LC | ss | Batch | ID: 50 | 639 | F | RunNo: 66 | 6754 | | | | |
| Prep Date: 2 | /24/2020 | Analysis Da | ate: 2/ | 24/2020 | S | SeqNo: 22 | 295481 | 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 | 92.0 | 90 | 110 | | | |

Qualifiers:

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

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

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WO#: 2002832 27-Feb-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client:Souder, MProject:Cypress (| Miller & Associates 001 H | |
|-----------------------------------|------------------------------|--|
| Sample ID: LCS-50566 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 50566 | RunNo: 66705 |
| Prep Date: 2/20/2020 | Analysis Date: 2/21/2020 | SeqNo: 2293857 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | 64 10 50.00 | 0 128 70 130 |
| Surr: DNOP | 5.7 5.000 | 115 55.1 146 |
| Sample ID: MB-50566 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: PBS | Batch ID: 50566 | RunNo: 66705 |
| Prep Date: 2/20/2020 | Analysis Date: 2/21/2020 | SeqNo: 2293858 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | ND 10 | |
| Motor Oil Range Organics (MRO) | ND 50 | |
| Surr: DNOP | 11 10.00 | 110 55.1 146 |
| Sample ID: MB-50579 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: PBS | Batch ID: 50579 | RunNo: 66740 |
| Prep Date: 2/21/2020 | Analysis Date: 2/25/2020 | SeqNo: 2295417 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | ND 10 | |
| Motor Oil Range Organics (MRO) | ND 50 | |
| Surr: DNOP | 6.3 10.00 | 63.0 55.1 146 |
| Sample ID: LCS-50579 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 50579 | RunNo: 66778 |
| Prep Date: 2/21/2020 | Analysis Date: 2/25/2020 | SeqNo: 2295848 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | 44 10 50.00 | 0 88.5 70 130 |
| Surr: DNOP | 4.6 5.000 | 92.3 55.1 146 |
| Sample ID: 2002832-015AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: S4-1.5' | Batch ID: 50579 | RunNo: 66740 |
| Prep Date: 2/21/2020 | Analysis Date: 2/25/2020 | SeqNo: 2296982 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | 79 9.7 48.36 | |
| Surr: DNOP | 4.3 4.836 | 88.0 55.1 146 |

Qualifiers:

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

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

WO#: 2002832 27-Feb-20

| Client: | Souder, M | | ssociate | es | | | | | | | |
|------------------|----------------|------------|-----------------|-----------|-------------|-----------|-----------|--------------|------------|------------|------|
| Project: | Cypress 0 | 01 H | | | | | | | | | |
| Sample ID: 2 | 002832-015AMSD | SampT | уре: М | SD | Tes | tCode: EF | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: S | 64-1.5' | Batch | n ID: 50 | 579 | R | tunNo: 66 | 6740 | | | | |
| Prep Date: | 2/21/2020 | Analysis D | ate: 2/ | 25/2020 | S | eqNo: 22 | 296983 | Units: mg/K | (g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Org | ganics (DRO) | 81 | 9.3 | 46.38 | 31.34 | 108 | 47.4 | 136 | 2.56 | 43.4 | |
| Surr: DNOP | | 4.1 | | 4.638 | | 88.6 | 55.1 | 146 | 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 S

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

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2002832

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client:Souder, MProject:Cypress 0 | Ailler & Associates | | | | |
|--|-------------------------|-------------------|---------------------|----------------------|---------------|
| Cypress of | | | | | |
| Sample ID: mb-50562 | SampType: MBLK | Те | stCode: EPA Method | 8015D: Gasoline Rang | e |
| Client ID: PBS | Batch ID: 50562 | | RunNo: 66724 | | |
| Prep Date: 2/20/2020 | Analysis Date: 2/21/202 | 20 | SeqNo: 2293722 | Units: mg/Kg | |
| Analyte | Result PQL SPK | value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qual |
| Gasoline Range Organics (GRO) Surr: BFB | ND 5.0 900 | 1000 | 90.4 66.6 | 105 | |
| Sample ID: Ics-50562 | SampType: LCS | Те | stCode: EPA Method | 8015D: Gasoline Rang | e |
| Client ID: LCSS | Batch ID: 50562 | | RunNo: 66724 | | |
| Prep Date: 2/20/2020 | Analysis Date: 2/21/202 | 20 | SeqNo: 2293723 | Units: mg/Kg | |
| Analyte | Result PQL SPK | value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qual |
| Gasoline Range Organics (GRO) | | 25.00 0 | 91.9 80 | 120 | |
| Surr: BFB | 880 | 1000 | 87.8 66.6 | 105 | |
| Sample ID: mb-50569 | SampType: MBLK | Те | stCode: EPA Method | 8015D: Gasoline Rang | e |
| Client ID: PBS | Batch ID: 50569 | | RunNo: 66724 | | |
| Prep Date: 2/20/2020 | Analysis Date: 2/22/202 | 20 | SeqNo: 2293746 | 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 | 84.1 66.6 | 105 | |
| Sample ID: Ics-50569 | SampType: LCS | Те | stCode: EPA Method | 8015D: Gasoline Rang | e |
| Client ID: LCSS | Batch ID: 50569 | | RunNo: 66724 | | |
| Prep Date: 2/20/2020 | Analysis Date: 2/22/202 | 20 | SeqNo: 2293747 | Units: mg/Kg | |
| Analyte | Result PQL SPK | value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qual |
| Gasoline Range Organics (GRO) | | 25.00 0 | 89.4 80 | 120 | |
| Surr: BFB | 900 | 1000 | 89.7 66.6 | 105 | |
| Sample ID: 2002832-015ams | SampType: MS | Те | stCode: EPA Method | 8015D: Gasoline Rang | e |
| Client ID: S4-1.5' | Batch ID: 50569 | | RunNo: 66724 | | |
| Prep Date: 2/20/2020 | Analysis Date: 2/22/202 | 20 | SeqNo: 2293749 | Units: mg/Kg | |
| Analyte | Result PQL SPK | value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qual |
| Gasoline Range Organics (GRO) | | 24.58 0 | 98.9 69.1 | 142 | |
| Surr: BFB | 890 | 983.3 | 90.7 66.6 | 105 | |
| Sample ID: 2002832-015amsd | SampType: MSD | Те | stCode: EPA Method | 8015D: Gasoline Rang | e |
| Client ID: S4-1.5' | Batch ID: 50569 | | RunNo: 66724 | | |
| Prep Date: 2/20/2020 | Analysis Date: 2/22/202 | 20 | SeqNo: 2293750 | Units: mg/Kg | |
| Analyte | Result PQL SPK | value SPK Ref Val | %REC LowLimit | HighLimit %RPD | RPDLimit Qual |

Qualifiers:

Value exceeds Maximum Contaminant Level. *

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

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

Analyte detected in the associated Method Blank в

Е

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit

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WO#:

Value above quantitation range

Client:

Souder, Miller & Associates

| Project: | Cypress 0 | 01 H | | | | | | | | | |
|---------------|--|--------|-----------------|-----------|-------------|----------|-------------|-------------|-----------|----------|------|
| Sample ID: | 2002832-015amsd | SampTy | pe: M \$ | SD | Test | Code: El | PA Method | 8015D: Gaso | line Rang | e | |
| Client ID: | S4-1.5' | Batch | ID: 50 | 569 | R | unNo: 6 | 6724 | | | | |
| Prep Date: | Date: 2/20/2020 Analysis Date: 2/22/2020 | | | S | eqNo: 2 | 293750 | Units: mg/K | g | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 26 | 4.9 | 24.70 | 0 | 106 | 69.1 | 142 | 7.67 | 20 | |
| Surr: BFB | | 910 | | 988.1 | | 92.2 | 66.6 | 105 | 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

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

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WO#:

| Client:Souder, IProject:Cypress | Miller & A 001 H | ssociate | S | | | | | | | |
|---------------------------------|---------------------|-----------------|-----------|-------------|-----------|-----------|-------------|-------|----------|------|
| Sample ID: mb-50562 | Samp | Туре: МЕ | BLK | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: PBS | Batc | h ID: 50 | 562 | F | RunNo: 6 | 6724 | | | | |
| Prep Date: 2/20/2020 | Analysis I | Date: 2/ | 21/2020 | S | SeqNo: 2 | 293782 | Units: mg/k | ٢g | | |
| 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 | | 93.2 | 80 | 120 | | | |
| Sample ID: LCS-50562 | Samp | Туре: LC | S | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: LCSS | Batc | h ID: 50 | 562 | F | RunNo: 6 | 6724 | | | | |
| Prep Date: 2/20/2020 | Analysis I | Date: 2/ | 21/2020 | S | SeqNo: 2 | 293783 | Units: mg/k | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.95 | 0.025 | 1.000 | 0 | 94.5 | 80 | 120 | | | |
| Toluene | 0.97 | 0.050 | 1.000 | 0 | 96.8 | 80 | 120 | | | |
| Ethylbenzene | 0.99 | 0.050 | 1.000 | 0 | 99.2 | 80 | 120 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 100 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 1.000 | | 91.6 | 80 | 120 | | | |
| Sample ID: 2002832-001ams | Samp | Туре: МS | 5 | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: S1-6" | Batc | h ID: 50 | 562 | F | RunNo: 6 | 6724 | | | | |
| Prep Date: 2/20/2020 | Analysis I | Date: 2/ | 21/2020 | S | SeqNo: 2 | 293785 | Units: mg/k | ٢g | | |
| Analyte | Result | PQL | | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.024 | 0.9597 | 0 | 108 | 78.5 | 119 | | | |
| Toluene | 1.4 | 0.048 | 0.9597 | 0.3135 | 112 | 75.7 | 123 | | | |
| Ethylbenzene | 1.4 | 0.048 | 0.9597 | 0.3264 | 116 | 74.3 | 126 | | | |
| Xylenes, Total | 7.8 | 0.096 | 2.879 | 4.440 | 116 | 72.9 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 0.9597 | | 116 | 80 | 120 | | | |
| Sample ID: 2002832-001ams | d Samp | Туре: МS | D | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: S1-6" | Batc | h ID: 50 | 562 | F | RunNo: 6 | 6724 | | | | |
| Prep Date: 2/20/2020 | Analysis I | Date: 2/ | 21/2020 | S | SeqNo: 2 | 293786 | Units: mg/k | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.025 | 0.9940 | 0 | 101 | 78.5 | 119 | 3.38 | 20 | |
| Toluene | 1.3 | 0.050 | 0.9940 | 0.3135 | 98.0 | 75.7 | 123 | 7.39 | 20 | |
| Ethylbenzene | 1.3 | 0.050 | 0.9940 | 0.3264 | 98.8 | 74.3 | 126 | 9.50 | 20 | |
| Xylenes, Total | 6.8 | 0.099 | 2.982 | 4.440 | 78.8 | 72.9 | 130 | 13.7 | 20 | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 0.9940 | | 108 | 80 | 120 | 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 S

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

WO#: 2002832 27-Feb-20

| Client:Souder, MProject:Cypress (| Miller & A 001 H | ssociate | 2S | | | | | | | |
|-----------------------------------|---------------------|-----------------|-----------|-------------|-----------------|-----------|-------------|-------|----------|------|
| Sample ID: mb-50569 | Samp | Туре: МЕ | BLK | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: PBS | Batc | h ID: 50 | 569 | F | RunNo: 6 | 6724 | | | | |
| Prep Date: 2/20/2020 | Analysis I | Date: 2/ | 22/2020 | S | SeqNo: 2 | 293800 | Units: mg/k | ٢g | | |
| 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 | 80 | 120 | | | |
| Sample ID: LCS-50569 | Samp | Type: LC | S | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: LCSS | Batc | h ID: 50 | 569 | F | RunNo: 6 | 6724 | | | | |
| Prep Date: 2/20/2020 | Analysis I | Date: 2/ | 22/2020 | S | SeqNo: 2 | 293801 | Units: mg/h | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.93 | 0.025 | 1.000 | 0 | 93.1 | 80 | 120 | | | |
| Toluene | 0.96 | 0.050 | 1.000 | 0 | 96.0 | 80 | 120 | | | |
| Ethylbenzene | 0.97 | 0.050 | 1.000 | 0 | 97.1 | 80 | 120 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 98.2 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 1.000 | | 92.2 | 80 | 120 | | | |
| Sample ID: 2002832-016ams | Samp | Туре: МS | 6 | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: S4-2' | Batc | h ID: 50 | 569 | F | RunNo: 6 | 6724 | | | | |
| Prep Date: 2/20/2020 | Analysis I | Date: 2/ | 22/2020 | S | SeqNo: 2 | 293804 | Units: mg/k | ٢g | | |
| Analyte | Result | PQL | | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.025 | 0.9901 | 0 | 101 | 78.5 | 119 | | | |
| Toluene | 1.1 | 0.050 | 0.9901 | 0.01419 | 106 | 75.7 | 123 | | | |
| Ethylbenzene | 1.1 | 0.050 | 0.9901 | 0 | 112 | 74.3 | 126 | | | |
| Xylenes, Total | 3.4 | 0.099 | 2.970 | 0.02227 | 112 | 72.9 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.89 | | 0.9901 | | 89.7 | 80 | 120 | | | |
| Sample ID: 2002832-016amsc | d Samp | Туре: МS | SD | Tes | tCode: El | PA Method | 8021B: Vola | tiles | | |
| Client ID: S4-2' | Batc | h ID: 50 | 569 | F | RunNo: 6 | 6724 | | | | |
| Prep Date: 2/20/2020 | Analysis I | Date: 2/ | 22/2020 | S | SeqNo: 2 | 293805 | Units: mg/k | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.024 | 0.9634 | 0 | 106 | 78.5 | 119 | 2.13 | 20 | |
| Toluene | 1.1 | 0.048 | 0.9634 | 0.01419 | 110 | 75.7 | 123 | 1.01 | 20 | |
| Ethylbenzene | 1.1 | 0.048 | 0.9634 | 0 | 115 | 74.3 | 126 | 0.210 | 20 | |
| Xylenes, Total | 3.4 | 0.096 | 2.890 | 0.02227 | 115 | 72.9 | 130 | 0.114 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.86 | | 0.9634 | | 89.1 | 80 | 120 | 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 S

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

Р Sample pH Not In Range

RL Reporting Limit

WO#: 2002832 27-Feb-20

| Page | 76 | of | 10 | 3 |
|------|----|----|----|---|
| | | | | |

| ANALY | TE | ll Environme L: 505-345-3 Website: www | 490 Albuquerq 8975 FAX: | 1 Hawk ue, NM 505-34 | kins NE 1 87109 5-4107 | San | nple Log-In Cl | Page heck List | | |
|--|-------------------------|--|-------------------------------|----------------------------|------------------------------|--------------|----------------|-------------------|--|------------------|
| Client Name: | SMA-CARL | SBAD | Work | Order Num | ber: 2002 | 2832 | | | RcptNo: | 1 |
| Completed By: | Jum Leah Baca DAD | 0 | | 20 9:00:00 20 9:46:27 | | | Laab | SBac | ٩. | |
| Chain of Cust | <u>ody</u> | | | | | | | | | |
| 1. Is Chain of Cus | stody suffici | iently complete | e? | | Yes | \checkmark | No | | Not Present 🗌 | |
| 2. How was the s | ample deliv | ered? | | | Clier | <u>nt</u> | | | | |
| Log In | | | | | | _ | | | _ | |
| 3. Was an attemp | t made to c | cool the sampl | es? | | Yes | \checkmark | No | | NA 🗌 | |
| 4. Were all sample | es received | at a temperat | ure of >0° C t | to 6.0°C | Yes | \checkmark | No | | NA 🗌 | |
| 5. Sample(s) in pr | oper contai | iner(s)? | | | Yes | \checkmark | No | | | |
| 6. Sufficient samp | le volume f | or indicated te | st(s)? | | Yes | | No | | | |
| 7. Are samples (ex | cept VOA | and ONG) pro | perly preserve | ed? | Yes | \checkmark | No | | | |
| 8. Was preservativ | ve added to | bottles? | | | Yes | | No | \checkmark | NA 🗌 | |
| 9. Received at lea | st 1 vial wit | h headspace · | <1/4" for AQ V | OA? | Yes | | No | | NA 🗹 | |
| 10. Were any same | | 2.1 | | | Yes | | | \checkmark | | / |
| 11. Does paperwork | | | | | Yes | | No | | # of preserved bottles checked for pH: | |
| (Note discrepan 12. Are matrices co | | | | | Yes | V | No | | Adjusted? | 12 unless noted) |
| 13. Is it clear what a | | | 10.00 | | | | No | | | |
| 14. Were all holding (If no, notify cus | times able | e to be met? | | | | ✓ | No | | Checked by: | R5/20/2 |
| Special Handlir | ng (if app | licable) | | | | | | | | |
| 15. Was client noti | fied of all di | screpancies v | vith this order? | | Yes | | No | | NA 🔽 | |
| Person N | otified: | | | Date | : [| | | | | |
| By Whom | n: | | | Via: | ⊡ eMa | ail 🗆 | Phone | Fax | In Person | |
| Regardin | g: | | | | | | | - | Sector as the sector and sector as the secto | |
| Client Ins | tructions: | [| | | | | | | | |
| 16. Additional rem | arks: | | | | | | | | | |
| 17. Cooler Inform | ation | | | | | | | | | |
| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal D | ate | Signed | By | | |

| S | hain- | -of-Cu | Chain-of-Custody Record | Turn-Around T | Time: | | | | | | | | |
|----------------|-------------------------------|------------------|--|----------------------------|-------------------------|---|-------------------|-----------------|----------------|---------------------------|------------|---|------------|
| Client: | SMA | t | | □ Standard | Kush_ | 3 day | | | ANAL | | S L R | YSTS LABORATOR | ATORY |
| | | | | | | > | | | ah.www | www.hallenvironmental.com | ment | al.com | |
| Mailing | Mailing Address: | | 201 S. Halaqueno St. | Gupress | #001 | +1 | 490 | 4901 Hawkins NE | | - Albudı | nerque | Albuquerque, NM 87109 | |
| Cent | shad | NIN | && 220 | Project #: | | | Tel. | | 505-345-3975 | Fax | | 505-345-4107 | |
| Phone #: | + 157 | 5)68 | 9-8801 | | | | | | 4 | Analysis | Request | iest | |
| email or | email or Fax#: _{@.S} | shley. | . Maywell @ Souch Complex | Project Manager: | iger: | | (0) | Ę, | | [⊅] 09 | 5: | (10: | |
| QA/QC F | QA/QC Package: |) | | | | | AM Y | s'8(| SM | S '⊅C | | əsdv | |
| □ Standard | dard | | Level 4 (Full Validation) | Pishley 1 | Maxwell | | 105 | D d i | 150. | рч, | - | √/ìn | |
| Accreditation: | tation: | □ Az Co | Az Compliance | Sampler: , S | SOUIBRD | | JD / | | 728 | 70 ⁵ | | əsə | |
| D NELAC | AC | □ Other | | On Ice: | A Yes I | O No | 05 | | | 1 '° | (AC | 19) (Pr | |
| □ EDD (Type) | (Type)_ | | | # of Coolers: | 1 | | (el | | | | | ul | |
| | | | | Cooler Temp(including CF): | (including CF): S.C | 0+0.1=5.1 | 190 | | | | | ofilo | |
| | | | - | | Preservative | 1 1 | PH:80 | 9 1 80 M) 80 | d eHA 3 АЯЭ | 560 (V | s) 072 | otal Co | |
| Date | | Matrix | ΨI | H I | 1 ype | 2007852 | ⊥ > | _ | | _ | | | |
| 02/17/20 | oh: b | lios | 51-6 | 201-(1) | (00) | - 001 | + | | _ | X | | | |
| | a:40 | ~ | 51-1 | | | - 007 | × × | | | \times | | | |
| | 0h:b | | 51-1.51 | | | - 003 | XX | | | X | | | |
| | 04:40 | | 51-21 | | | - 004 | XX | | | X | | | |
| | 24:6 | | 52 - 6" | | | -00- | ХХ | | | X | | | |
| | 24:6 | | 52-1 | | | -000 | XX | | | Х | | | |
| | 9:43 | | 52-1.51 | | | -007 | ХХ | | | X | | 1. I. | |
| | 9:44 | | 52-2' | - | | -008 | XX | | | × | | 127 | |
| | 9 :45 | | 53-6" | | | -000 | XX | | | × | - | | |
| | ゆや: 6 | | S3-11 | | | - 010 | XX | | N. | × | | | |
| | 9:50 | | 53-1.51 | | | -011 | XX | | | X | | | |
| 1 | 9:52 |) | 53-2 ¹ | T I | + | | XX | | | × | | | |
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| Date: | Time: 🖉 | Relinguished by: | ed by: C | Received by: | Via: | | | | | | - | | oluci 2 |
| 200 | 1900 | 8M | 6 | 1 Bril | COUNTRY | 2/20/20 9:00 | | | | | | | |
| | If necessary, | , samples sut | If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. | confracted to other a | iccredited laboratories | s. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. | s possibility. Ar | iy sub-cont | racted data | will be clea | arly notat | ed on the analytic | al report. |

| FNVTRONMENTAL | LABORATORY | | Albuquerque, NM 87109 | | | | | | | | | | B | | | | | | | - | | | | | | OR AN | SNB | ad here | 78 0 |
|-------------------------|------------|---------------------------|-------------------------|--------------|----------|------------------|----------------|---------------------------|----------------|----------|---------------|--------------------------------|------------------|----------|----------|----------|----------|----------|----------|---------|-------|----------|----------|----------|-------|------------------|-----------------|-----------------|----------------------------------|
| RO | LAB | www.hallenvironmental.com | lue, NN | 505-345-4107 | Request | (ìn | əsd | A\fn | | - 2 | | | o) o la lo | | | | | | | ξ.) | | | | | | | 2 | 1. | |
| | YSIS | ronme | nduerc | Fax 50 | | | | | | (AC | _ | | V) 072 V) 032 | _ | | | | | | | | | | | | AMS | direct | | |
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| HAL | ANAL | ww.ha | 4901 Hawkins NE | 505-345-3975 | | - | SM | 1150 | 17.8 | | | | AHs by B ARD | _ | | | | - | | | | | | | | Aero | ANA B | | |
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| | 3 day | | Н | | | | | | | ON C | | 1-5-1-0+(| HEAL No. | 2002832 | hlu- | - 015 | - 01/10 | t10- | - 01Y | - 019 | -020 | 120 - | 720- | - 0 23 | h20- | Date Time | 2 /19/20 1500 | Date Time | 2/20/20 9,00 |
| I Time: | d ZRush 3 | .е. | 55 # 001 | | | ager: | | Maywell | SOU/ BAJ | LF Yes D | 120.000 | Cooler Temp(including CF): 5,0 | Preservative | (on l | | | | | | | | | | |) | Via: | | Via: | -rourier |
| Turn-Around T | □ Standard | Project Name: | Cypress | Project #: | - | Project Manager: | | Ashley | | On Ice: | # of Coolers: | Cooler Tem | Container | (1)- Hos | | | | | | | | | | |) | Received by | MP | Received by: | fred 1 |
| Chain-of-Custody Record | | | S. Halagueno St | (h) | 689-8801 | 1 3 | • · | Level 4 (Full Validation) | Az Compliance | er | | | | SH - 6" | | 54-1.5' | S4-2' | 55-6" | 55-1' | 55-1.5' | 55-2' | Sto-6" | 56-11 | 56-1.51 | S6-2' | Relinquished by: | carlens Cearces | shed by: | 14 00 AN 100 120 4 100 210 9,000 |
| -of-C | ¢ | | 102 | MIN | 75) 6 | shley | 2 | | D Az C | □ Other | | | | | | | | | | | - | | | | -) | Relinqui | Kel | Relinquished by | - |
| hain | SMA | | Address | back | 5 | Fax#: a | ackage: | lard | ation: | U V | EDD (Type) | | i | 1 Ime | 9:57 | 9:67 | 9:58 | 00:01 | 10:00 | 20:01 | H0:01 | 90:01 | 01:01 | 10:15 | 10:20 | Time: | 1500 | Time: | (400) |
| C | Client: | | Mailing Address: 201 S. | Carlsbard | Phone #: | email or | QA/QC Package: | □ Standard | Accreditation: | D NELAC | | | | | 0=111150 | | | | - ć- | | | | - | | -) | Date: | 6 | | 2/19/20 |

| | ARush 3 day ANALYSIS LABORATORY | www.hallenvironmental.com | # oo / H 4901 Hawkins NE - Albuquerque, NM 87109 | Tel. 505-345-3975 Fax 505-345-4107 | Analysis Request | () () () () | paee B,a Bla Bla |) arvell 09 (09 (100 (10) (100 (| 6AC | P Yes No | -VC (GF 310 310 310 310 310 310 310 310 310 310 | S 0 + 0.1.2.S. 1 1 + 5 D = 0.1.2.S. 1 2 + 0.1.2.S. 1 | # Type 2002832 TPH: B Type 20 | Cool -025 XX X | . 026 | X X t20- | | X X b20- | × × × × × × × × × × × × × × × × × × × | L - 031 | | | y via: Date Time Remarks: menormen SMA Per Am Sug Bill SMA directly about 200 | A racing racing 9:00 |
|-------------------------|---------------------------------|---------------------------|--|------------------------------------|---------------------------|----------------------------------|---------------------------|--|--------------------------------|--|--|--|--|------------------------|-------|----------|-------|----------|---------------------------------------|---------|--|-------|--|----------------------|
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| | | | 4 | | | | | | | | | | | 1- | | | | | | | | | Rema | |
| | Kush 3 day | 5 - 5 | +001 H | - | | | | xwell | - | | | Sil | ervative 2.0 | | | £20- | 700- | 620- | -030 | - 031 | | | Date Tim 2/19/20 Date Tim | 0210010 ~ |
| Turn-Around Time: | | Project Name: | Cypress # | Project #: | | Project Manager: | Č Ķ | Ashley Ma | Sampler: Sov | 1 | # of Coolers: 1 | Cooler Temp(including CF): | | | | | | | | -) | | | Received by Via: Received by Via: | and A ros |
| Chain-of-Custody Record | Client: SMR | | Mailing Address: 201 S. Halaqueno St | 8220 | Phone #: /275) 689 - 880/ | bley . movine / C. conder miller | | Standard Intervel 4 (Full Validation) | Accreditation: Az Compliance | □ Other | | | Date Time Matrix Sample Name | 10:25 Soil \$7-Surface | | S. Co. | S 8 1 | 59- | 1:05 59-6" | -> | | | Date: Time: Relinquished by: 02/19 1500 1200 2000 2000 2000 2000 2000 2000 | 5 |



March 25, 2020

Ashley Maxwell Souder, Miller & Associates 201 S Halagueno Carlsbad, NM 88221 TEL: (575) 689-8801 FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2003758

RE: Cypress 1H

Dear Ashley Maxwell:

Hall Environmental Analysis Laboratory received 13 sample(s) on 3/17/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & AssociatesProject: Cypress 1HLab ID: 2003758-001 | Matrix: SOIL | | | e: 3/1 | 5 1 14/2020 2:20:00 PM 17/2020 8:20:00 AM | |
|---|--------------|----------|------------|---------------|---|-------|
| Analyses | Result | RL | Qual Units | | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: | CAS |
| Chloride | 570 | 61 | mg/Kg | 20 | 3/22/2020 11:00:48 AM | 51251 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst: | CLP |
| Diesel Range Organics (DRO) | ND | 9.6 | mg/Kg | 1 | 3/18/2020 5:42:51 PM | 51159 |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 3/18/2020 5:42:51 PM | 51159 |
| Surr: DNOP | 98.9 | 55.1-146 | %Rec | 1 | 3/18/2020 5:42:51 PM | 51159 |
| EPA METHOD 8015D: GASOLINE RANG | E | | | | Analyst: | NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 3/20/2020 4:17:42 PM | 51153 |
| Surr: BFB | 97.6 | 66.6-105 | %Rec | 1 | 3/20/2020 4:17:42 PM | 51153 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: | NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 4:17:42 PM | 51153 |
| Toluene | ND | 0.048 | mg/Kg | 1 | 3/20/2020 4:17:42 PM | 51153 |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 3/20/2020 4:17:42 PM | 51153 |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 3/20/2020 4:17:42 PM | 51153 |
| Surr: 4-Bromofluorobenzene | 108 | 80-120 | %Rec | 1 | 3/20/2020 4:17:42 PM | 51153 |

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

Qualifiers:

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

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

Page 1 of 20

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sample II | D: CS | S 2 | |
|-------------------------------------|--------------|----------|---------------------|---------------|-----------------------|-------|
| Project: Cypress 1H | | (| Collection Dat | e: 3/1 | 14/2020 4:06:00 PM | |
| Lab ID: 2003758-002 | Matrix: SOIL | | Received Dat | e: 3/1 | 17/2020 8:20:00 AM | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS |
| Chloride | 230 | 60 | mg/Kg | 20 | 3/22/2020 11:13:13 AM | 51251 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP |
| Diesel Range Organics (DRO) | ND | 9.7 | mg/Kg | 1 | 3/18/2020 7:17:15 PM | 51159 |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 3/18/2020 7:17:15 PM | 51159 |
| Surr: DNOP | 96.7 | 55.1-146 | %Rec | 1 | 3/18/2020 7:17:15 PM | 51159 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 3/20/2020 4:41:07 PM | 51153 |
| Surr: BFB | 95.3 | 66.6-105 | %Rec | 1 | 3/20/2020 4:41:07 PM | 51153 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 4:41:07 PM | 51153 |
| Toluene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 4:41:07 PM | 51153 |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 4:41:07 PM | 51153 |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 3/20/2020 4:41:07 PM | 51153 |
| Surr: 4-Bromofluorobenzene | 104 | 80-120 | %Rec | 1 | 3/20/2020 4:41:07 PM | 51153 |

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

Qualifiers:

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

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

Page 2 of 20

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT:Souder, Miller & AssociatesProject:Cypress 1HLab ID:2003758-003 | Matrix: SOIL | | | e: 3/1 | 5 3 14/2020 2:01:00 PM 17/2020 8:20:00 AM | |
|--|--------------|----------|------------|---------------|---|-------|
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS |
| Chloride | ND | 60 | mg/Kg | 20 | 3/22/2020 11:25:37 AM | 51251 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP |
| Diesel Range Organics (DRO) | ND | 9.6 | mg/Kg | 1 | 3/18/2020 7:40:48 PM | 51159 |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 3/18/2020 7:40:48 PM | 51159 |
| Surr: DNOP | 104 | 55.1-146 | %Rec | 1 | 3/18/2020 7:40:48 PM | 51159 |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 3/20/2020 5:04:41 PM | 51153 |
| Surr: BFB | 96.5 | 66.6-105 | %Rec | 1 | 3/20/2020 5:04:41 PM | 51153 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB |
| Benzene | ND | 0.023 | mg/Kg | 1 | 3/20/2020 5:04:41 PM | 51153 |
| Toluene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 5:04:41 PM | 51153 |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 5:04:41 PM | 51153 |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 3/20/2020 5:04:41 PM | 51153 |
| Surr: 4-Bromofluorobenzene | 106 | 80-120 | %Rec | 1 | 3/20/2020 5:04:41 PM | 51153 |

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

Qualifiers:

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

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

Page 3 of 20

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sample II | D: CS | S 4 | |
|-------------------------------------|--------------|----------|----------------|--------------|-----------------------|-------|
| Project: Cypress 1H | | (| Collection Dat | e: 3/1 | 14/2020 8:50:00 AM | |
| Lab ID: 2003758-004 | Matrix: SOIL | | Received Date | e: 3/1 | 17/2020 8:20:00 AM | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS |
| Chloride | 490 | 60 | mg/Kg | 20 | 3/22/2020 11:38:01 AM | 51251 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP |
| Diesel Range Organics (DRO) | ND | 9.6 | mg/Kg | 1 | 3/18/2020 8:04:20 PM | 51159 |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 3/18/2020 8:04:20 PM | 51159 |
| Surr: DNOP | 102 | 55.1-146 | %Rec | 1 | 3/18/2020 8:04:20 PM | 51159 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | NSB |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 3/20/2020 6:14:49 PM | 51153 |
| Surr: BFB | 99.3 | 66.6-105 | %Rec | 1 | 3/20/2020 6:14:49 PM | 51153 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 6:14:49 PM | 51153 |
| Toluene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 6:14:49 PM | 51153 |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 6:14:49 PM | 51153 |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 3/20/2020 6:14:49 PM | 51153 |
| Surr: 4-Bromofluorobenzene | 110 | 80-120 | %Rec | 1 | 3/20/2020 6:14:49 PM | 51153 |

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

Qualifiers:

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

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

Page 4 of 20

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | Client Sample ID: CS 5 Collection Date: 3/14/2020 2:06:00 PM | | | | | | |
|-------------------------------------|---|----------|---------------------|---------------|----------------------|-------|--|
| Project: Cypress 1H | | | | | | | |
| Lab ID: 2003758-005 | Matrix: SOIL | | Received Dat | e: 3/1 | 17/2020 8:20:00 AM | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | : JMT | |
| Chloride | 3500 | 150 | mg/Kg | 50 | 3/24/2020 4:35:11 PM | 51251 | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP | |
| Diesel Range Organics (DRO) | 30 | 9.4 | mg/Kg | 1 | 3/18/2020 8:27:50 PM | 51159 | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 3/18/2020 8:27:50 PM | 51159 | |
| Surr: DNOP | 102 | 55.1-146 | %Rec | 1 | 3/18/2020 8:27:50 PM | 51159 | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | : NSB | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 3/20/2020 6:38:09 PM | 51153 | |
| Surr: BFB | 96.3 | 66.6-105 | %Rec | 1 | 3/20/2020 6:38:09 PM | 51153 | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : NSB | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 6:38:09 PM | 51153 | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 3/20/2020 6:38:09 PM | 51153 | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 3/20/2020 6:38:09 PM | 51153 | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 3/20/2020 6:38:09 PM | 51153 | |
| Surr: 4-Bromofluorobenzene | 106 | 80-120 | %Rec | 1 | 3/20/2020 6:38:09 PM | 51153 | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | | Cl | ient Sample II | D: CS | 5 6 | | | |
|-------------------------------------|--|----------|----------------|-------|-----------------------|-------|--|--|
| Project: Cypress 1H | Collection Date: 3/14/2020 8:57:00 AM | | | | | | | |
| Lab ID: 2003758-006 | Matrix: SOIL Received Date: 3/17/2020 8:20:00 AM | | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS | | |
| Chloride | 1100 | 60 | mg/Kg | 20 | 3/22/2020 12:02:50 PM | 51251 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP | | |
| Diesel Range Organics (DRO) | ND | 9.9 | mg/Kg | 1 | 3/18/2020 8:51:21 PM | 51159 | | |
| Motor Oil Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 3/18/2020 8:51:21 PM | 51159 | | |
| Surr: DNOP | 99.7 | 55.1-146 | %Rec | 1 | 3/18/2020 8:51:21 PM | 51159 | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 3/20/2020 7:01:34 PM | 51153 | | |
| Surr: BFB | 98.1 | 66.6-105 | %Rec | 1 | 3/20/2020 7:01:34 PM | 51153 | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 7:01:34 PM | 51153 | | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 7:01:34 PM | 51153 | | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 7:01:34 PM | 51153 | | |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 3/20/2020 7:01:34 PM | 51153 | | |
| Surr: 4-Bromofluorobenzene | 107 | 80-120 | %Rec | 1 | 3/20/2020 7:01:34 PM | 51153 | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | ciates Client Sample ID: CS 7 | | | | | | | |
|-------------------------------------|---------------------------------------|--------------------|------------|----|-----------------------|-------|--|--|
| Project: Cypress 1H | Collection Date: 3/14/2020 8:59:00 AM | | | | | | | |
| Lab ID: 2003758-007 | Matrix: SOIL | 17/2020 8:20:00 AM | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS | | |
| Chloride | 1300 | 60 | mg/Kg | 20 | 3/22/2020 12:15:15 PM | 51251 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP | | |
| Diesel Range Organics (DRO) | ND | 9.7 | mg/Kg | 1 | 3/18/2020 9:14:52 PM | 51159 | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 3/18/2020 9:14:52 PM | 51159 | | |
| Surr: DNOP | 104 | 55.1-146 | %Rec | 1 | 3/18/2020 9:14:52 PM | 51159 | | |
| EPA METHOD 8015D: GASOLINE RANGE | E | | | | Analyst | : NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 3/20/2020 7:25:09 PM | 51153 | | |
| Surr: BFB | 99.3 | 66.6-105 | %Rec | 1 | 3/20/2020 7:25:09 PM | 51153 | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : NSB | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 7:25:09 PM | 51153 | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 3/20/2020 7:25:09 PM | 51153 | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 3/20/2020 7:25:09 PM | 51153 | | |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 3/20/2020 7:25:09 PM | 51153 | | |
| Surr: 4-Bromofluorobenzene | 108 | 80-120 | %Rec | 1 | 3/20/2020 7:25:09 PM | 51153 | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | Client Sample ID: CS 8 Collection Date: 3/14/2020 9:02:00 AM | | | | | | | |
|-------------------------------------|---|----------|------------|----|-----------------------|-------|--|--|
| Project: Cypress 1H | | | | | | | | |
| Lab ID: 2003758-008 | Matrix: SOIL Received Date: 3/17/2020 8:20:00 AM | | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS | | |
| Chloride | 990 | 60 | mg/Kg | 20 | 3/22/2020 12:27:39 PM | 51251 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP | | |
| Diesel Range Organics (DRO) | ND | 9.4 | mg/Kg | 1 | 3/18/2020 9:38:23 PM | 51159 | | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 3/18/2020 9:38:23 PM | 51159 | | |
| Surr: DNOP | 98.1 | 55.1-146 | %Rec | 1 | 3/18/2020 9:38:23 PM | 51159 | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 3/20/2020 7:48:42 PM | 51153 | | |
| Surr: BFB | 93.4 | 66.6-105 | %Rec | 1 | 3/20/2020 7:48:42 PM | 51153 | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB | | |
| Benzene | ND | 0.025 | mg/Kg | 1 | 3/20/2020 7:48:42 PM | 51153 | | |
| Toluene | ND | 0.049 | mg/Kg | 1 | 3/20/2020 7:48:42 PM | 51153 | | |
| Ethylbenzene | ND | 0.049 | mg/Kg | 1 | 3/20/2020 7:48:42 PM | 51153 | | |
| Xylenes, Total | ND | 0.098 | mg/Kg | 1 | 3/20/2020 7:48:42 PM | 51153 | | |
| Surr: 4-Bromofluorobenzene | 102 | 80-120 | %Rec | 1 | 3/20/2020 7:48:42 PM | 51153 | | |

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

Qualifiers:

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | s Client Sample ID: CS 9 | | | | | | | |
|-------------------------------------|---------------------------------------|--------------------|------------|----|-----------------------|-------|--|--|
| Project: Cypress 1H | Collection Date: 3/14/2020 9:08:00 AM | | | | | | | |
| Lab ID: 2003758-009 | Matrix: SOIL | 17/2020 8:20:00 AM | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS | | |
| Chloride | 760 | 60 | mg/Kg | 20 | 3/22/2020 12:40:04 PM | 51251 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP | | |
| Diesel Range Organics (DRO) | ND | 9.4 | mg/Kg | 1 | 3/18/2020 10:01:51 PM | 51159 | | |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 3/18/2020 10:01:51 PM | 51159 | | |
| Surr: DNOP | 99.9 | 55.1-146 | %Rec | 1 | 3/18/2020 10:01:51 PM | 51159 | | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | : NSB | | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 3/20/2020 8:12:11 PM | 51153 | | |
| Surr: BFB | 96.7 | 66.6-105 | %Rec | 1 | 3/20/2020 8:12:11 PM | 51153 | | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | : NSB | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 8:12:11 PM | 51153 | | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 8:12:11 PM | 51153 | | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 8:12:11 PM | 51153 | | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 3/20/2020 8:12:11 PM | 51153 | | |
| Surr: 4-Bromofluorobenzene | 105 | 80-120 | %Rec | 1 | 3/20/2020 8:12:11 PM | 51153 | | |

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

Qualifiers:

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

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

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Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | client Sample ID: SW 1 | | | | | | |
|-------------------------------------|--|----------|------------|----|-----------------------|-------|--|
| Project: Cypress 1H | Collection Date: 3/14/2020 9:18:00 AM | | | | | | |
| Lab ID: 2003758-010 | Matrix: SOIL Received Date: 3/17/2020 8:20:00 AM | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS | |
| Chloride | 120 | 60 | mg/Kg | 20 | 3/22/2020 1:17:17 PM | 51251 | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP | |
| Diesel Range Organics (DRO) | ND | 9.3 | mg/Kg | 1 | 3/18/2020 10:25:19 PM | 51159 | |
| Motor Oil Range Organics (MRO) | ND | 46 | mg/Kg | 1 | 3/18/2020 10:25:19 PM | 51159 | |
| Surr: DNOP | 102 | 55.1-146 | %Rec | 1 | 3/18/2020 10:25:19 PM | 51159 | |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst | NSB | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 3/20/2020 8:35:41 PM | 51153 | |
| Surr: BFB | 98.5 | 66.6-105 | %Rec | 1 | 3/20/2020 8:35:41 PM | 51153 | |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst | NSB | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 8:35:41 PM | 51153 | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 3/20/2020 8:35:41 PM | 51153 | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 3/20/2020 8:35:41 PM | 51153 | |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 3/20/2020 8:35:41 PM | 51153 | |
| Surr: 4-Bromofluorobenzene | 109 | 80-120 | %Rec | 1 | 3/20/2020 8:35:41 PM | 51153 | |

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

Qualifiers:

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

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

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Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | Client Sample ID: SW 2 Collection Date: 3/14/2020 9:21:00 AM | | | | | | |
|-------------------------------------|---|----------|---------------|--------|-----------------------|-------|--|
| Project: Cypress 1H | | | | | | | |
| Lab ID: 2003758-011 | Matrix: SOIL | | Received Date | e: 3/1 | 17/2020 8:20:00 AM | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS | |
| Chloride | 120 | 60 | mg/Kg | 20 | 3/22/2020 1:29:42 PM | 51251 | |
| EPA METHOD 8015D MOD: GASOLINE F | RANGE | | | | Analyst | JMR | |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 3/20/2020 6:34:39 PM | 51154 | |
| Surr: BFB | 99.6 | 70-130 | %Rec | 1 | 3/20/2020 6:34:39 PM | 51154 | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP | |
| Diesel Range Organics (DRO) | ND | 9.6 | mg/Kg | 1 | 3/18/2020 10:48:45 PM | 51159 | |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 3/18/2020 10:48:45 PM | 51159 | |
| Surr: DNOP | 101 | 55.1-146 | %Rec | 1 | 3/18/2020 10:48:45 PM | 51159 | |
| EPA METHOD 8260B: VOLATILES SHOP | RT LIST | | | | Analyst | JMR | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 6:34:39 PM | 51154 | |
| Toluene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 6:34:39 PM | 51154 | |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 6:34:39 PM | 51154 | |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 3/20/2020 6:34:39 PM | 51154 | |
| Surr: 1,2-Dichloroethane-d4 | 92.4 | 70-130 | %Rec | 1 | 3/20/2020 6:34:39 PM | 51154 | |
| Surr: 4-Bromofluorobenzene | 99.1 | 70-130 | %Rec | 1 | 3/20/2020 6:34:39 PM | 51154 | |
| Surr: Dibromofluoromethane | 97.6 | 70-130 | %Rec | 1 | 3/20/2020 6:34:39 PM | 51154 | |
| Surr: Toluene-d8 | 99.0 | 70-130 | %Rec | 1 | 3/20/2020 6:34:39 PM | 51154 | |

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

Qualifiers:

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

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

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Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | S Client Sample ID: SW 3 | | | | | |
|-------------------------------------|--------------------------|----------|----------------------|--------|-----------------------|-------|
| Project: Cypress 1H | | (| Collection Date | e: 3/1 | 4/2020 9:24:00 AM | |
| Lab ID: 2003758-012 | Matrix: SOIL | | Received Date | e: 3/1 | 7/2020 8:20:00 AM | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS |
| Chloride | 110 | 60 | mg/Kg | 20 | 3/22/2020 1:42:06 PM | 51251 |
| EPA METHOD 8015D MOD: GASOLINE R | ANGE | | | | Analyst | : JMR |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 3/20/2020 8:00:20 PM | 51154 |
| Surr: BFB | 95.0 | 70-130 | %Rec | 1 | 3/20/2020 8:00:20 PM | 51154 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | : CLP |
| Diesel Range Organics (DRO) | ND | 9.5 | mg/Kg | 1 | 3/18/2020 11:12:13 PM | 51159 |
| Motor Oil Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 3/18/2020 11:12:13 PM | 51159 |
| Surr: DNOP | 105 | 55.1-146 | %Rec | 1 | 3/18/2020 11:12:13 PM | 51159 |
| EPA METHOD 8260B: VOLATILES SHOR | T LIST | | | | Analyst | : JMR |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 8:00:20 PM | 51154 |
| Toluene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 8:00:20 PM | 51154 |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 3/20/2020 8:00:20 PM | 51154 |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 3/20/2020 8:00:20 PM | 51154 |
| Surr: 1,2-Dichloroethane-d4 | 90.3 | 70-130 | %Rec | 1 | 3/20/2020 8:00:20 PM | 51154 |
| Surr: 4-Bromofluorobenzene | 97.4 | 70-130 | %Rec | 1 | 3/20/2020 8:00:20 PM | 51154 |
| Surr: Dibromofluoromethane | 97.9 | 70-130 | %Rec | 1 | 3/20/2020 8:00:20 PM | 51154 |
| Surr: Toluene-d8 | 98.9 | 70-130 | %Rec | 1 | 3/20/2020 8:00:20 PM | 51154 |

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

Qualifiers:

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

В Analyte detected in the associated Method Blank

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2003758

Date Reported: 3/25/2020

| CLIENT: Souder, Miller & Associates | es Client Sample ID: SW 4 | | | | | | | |
|-------------------------------------|---------------------------------------|---|------------|----|-----------------------|-------|--|--|
| Project: Cypress 1H | Collection Date: 3/14/2020 9:27:00 AM | | | | | | | |
| Lab ID: 2003758-013 | Matrix: SOIL | Matrix: SOIL Received Date: 3/17/2020 8:20: | | | | | | |
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch | | |
| EPA METHOD 300.0: ANIONS | | | | | Analyst | CAS | | |
| Chloride | 120 | 59 | mg/Kg | 20 | 3/22/2020 1:54:30 PM | 51251 | | |
| EPA METHOD 8015D MOD: GASOLINE R | ANGE | | | | Analyst | : JMR | | |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 3/20/2020 9:25:55 PM | 51154 | | |
| Surr: BFB | 99.7 | 70-130 | %Rec | 1 | 3/20/2020 9:25:55 PM | 51154 | | |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS | | | | Analyst | CLP | | |
| Diesel Range Organics (DRO) | ND | 9.8 | mg/Kg | 1 | 3/18/2020 11:35:41 PM | 51159 | | |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 3/18/2020 11:35:41 PM | 51159 | | |
| Surr: DNOP | 103 | 55.1-146 | %Rec | 1 | 3/18/2020 11:35:41 PM | 51159 | | |
| EPA METHOD 8260B: VOLATILES SHOR | T LIST | | | | Analyst | : JMR | | |
| Benzene | ND | 0.024 | mg/Kg | 1 | 3/20/2020 9:25:55 PM | 51154 | | |
| Toluene | ND | 0.048 | mg/Kg | 1 | 3/20/2020 9:25:55 PM | 51154 | | |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 3/20/2020 9:25:55 PM | 51154 | | |
| Xylenes, Total | ND | 0.097 | mg/Kg | 1 | 3/20/2020 9:25:55 PM | 51154 | | |
| Surr: 1,2-Dichloroethane-d4 | 91.9 | 70-130 | %Rec | 1 | 3/20/2020 9:25:55 PM | 51154 | | |
| Surr: 4-Bromofluorobenzene | 99.5 | 70-130 | %Rec | 1 | 3/20/2020 9:25:55 PM | 51154 | | |
| Surr: Dibromofluoromethane | 96.7 | 70-130 | %Rec | 1 | 3/20/2020 9:25:55 PM | 51154 | | |
| Surr: Toluene-d8 | 100 | 70-130 | %Rec | 1 | 3/20/2020 9:25:55 PM | 51154 | | |

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

Qualifiers:

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

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

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| Client: | Soude | er, Miller & A | ssociate | s | | | | | | | |
|----------------|--------|----------------|-------------------|-----------|-------------|------------------|-----------|--------------|------|----------|------|
| Project: | Cypre | ess 1H | | | | | | | | | |
| Sample ID: MB- | 51251 | SampT | ype: m t | olk | Tes | tCode: EF | PA Method | 300.0: Anion | s | | |
| Client ID: PBS | | Batch | n ID: 51 2 | 251 | F | RunNo: 67 | 7489 | | | | |
| Prep Date: 3/2 | 0/2020 | Analysis D | ate: 3/ | 22/2020 | S | SeqNo: 23 | 329146 | 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 | -51251 | SampT | ype: Ics | ; | Tes | tCode: EF | PA Method | 300.0: Anion | s | | |
| Client ID: LCS | S | Batch | n ID: 51 2 | 251 | F | RunNo: 67 | 7489 | | | | |
| Prep Date: 3/2 | 0/2020 | Analysis D | ate: 3/ | 22/2020 | S | SeqNo: 23 | 329147 | Units: mg/K | g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 14 | 1.5 | 15.00 | 0 | 94.7 | 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

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

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25-Mar-20

WO#:

| Client: Project: | Souder, N Cypress 1 | Miller & A I H | ssociate | es | | | | | | | |
|---------------------|------------------------|-------------------|-----------------|-----------|-------------|-----------|-----------|--------------------|------------|------------|------|
| Sample ID: MB- | -51159 | SampT | ype: ME | BLK | Tes | tCode: El | PA Method | 8015M/D: Die | esel Rang | e Organics | |
| Client ID: PBS | 6 | Batch | n ID: 51 | 159 | F | unNo: 6 | 7371 | | | | |
| Prep Date: 3/1 | 17/2020 | Analysis D |)ate: 3/ | 18/2020 | 5 | eqNo: 2 | 324944 | Units: mg/K | (q | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organ | ics (DRO) | ND | 10 | | | /iiiieo | LOWLINI | riigiiLiinii | 70111 D | | Quai |
| Notor Oil Range Org | . , | ND | 50 | | | | | | | | |
| Surr: DNOP | | 9.5 | | 10.00 | | 94.9 | 55.1 | 146 | | | |
| Sample ID: LCS | 6-51159 | SampT | ype: LC | S | Tes | tCode: El | PA Method | 8015M/D: Die | esel Range | e Organics | |
| Client ID: LCS | s | Batch | n ID: 51 | 159 | F | unNo: 6 | 7371 | | - | - | |
| Prep Date: 3/1 | 17/2020 | Analysis D | Date: 3/ | 18/2020 | 5 | eqNo: 2 | 324945 | Units: mg/k | íg | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organ | ics (DRO) | 47 | 10 | 50.00 | 0 | 93.8 | 70 | 130 | | | |
| Surr: DNOP | | 4.6 | | 5.000 | | 92.6 | 55.1 | 146 | | | |
| Sample ID: 200 | 3758-001AMS | SampT | ype: M S | 5 | Tes | tCode: El | PA Method | 8015M/D: Die | esel Rang | e Organics | |
| Client ID: CS | 1 | Batch | n ID: 51 | 159 | F | unNo: 6 | 7371 | | | | |
| Prep Date: 3/1 | 17/2020 | Analysis D | Date: 3/ | 18/2020 | S | eqNo: 2 | 324948 | Units: mg/K | (g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organ | ics (DRO) | 46 | 9.4 | 47.17 | 0 | 96.9 | 47.4 | 136 | | | |
| Surr: DNOP | | 4.8 | | 4.717 | | 102 | 55.1 | 146 | | | |
| Sample ID: 200 | 3758-001AMSI | D SampT | уре: М | D | Tes | tCode: El | PA Method | 8015M/D: Die | esel Rang | e Organics | |
| Client ID: CS | 1 | Batch | n ID: 51 | 159 | F | unNo: 6 | 7371 | | | | |
| Prep Date: 3/1 | 17/2020 | Analysis D |)ate: 3/ | 18/2020 | 5 | SeqNo: 2 | 324949 | Units: mg/K | ſg | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organ | ics (DRO) | 45 | 9.6 | 48.08 | 0 | 92.8 | 47.4 | 136 | 2.50 | 43.4 | |
| Surr: DNOP | | 4.8 | | 4.808 | | 99.9 | 55.1 | 146 | 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

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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| WO#: | 2003758 |
|------|-----------|
| | 25-Mar-20 |

| Client: Souder Project: Cypres | , Miller & A s 1H | ssociate | Ś | | | | | | | |
|-----------------------------------|----------------------|-----------------|-----------|-------------|-----------|-----------|--------------------|-----------|----------|------|
| Sample ID: mb-51153 | SampT | Гуре: МЕ | BLK | Tes | tCode: El | PA Method | 8015D: Gasc | line Rang | e | |
| Client ID: PBS | Batcl | h ID: 51 | 153 | F | RunNo: 6 | 7436 | | | | |
| Prep Date: 3/17/2020 | Analysis D | Date: 3/ | 19/2020 | S | SeqNo: 2 | 326222 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 920 | | 1000 | | 92.0 | 66.6 | 105 | | | |
| Sample ID: Ics-51153 | SampT | Type: LC | S | Tes | tCode: El | PA Method | 8015D: Gasc | line Rang | e | |
| Client ID: LCSS | Batcl | h ID: 51 | 153 | F | RunNo: 6 | 7436 | | | | |
| Prep Date: 3/17/2020 | Analysis E | Date: 3/ | 19/2020 | S | SeqNo: 2 | 326223 | Units: mg/k | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 22 | 5.0 | 25.00 | 0 | 89.7 | 80 | 120 | | | |
| Surr: BFB | 1000 | | 1000 | | 103 | 66.6 | 105 | | | |

Qualifiers:

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

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

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WO#: 2003758 25-Mar-20

| | ider, Miller & A press 1H | Associate | es | | | | | | | |
|---------------------------|------------------------------|-----------|----------------|-------------|--------------|-----------|--------------|-------|----------|------|
| Sample ID: mb-51153 | Samp | Type: ME | BLK | Tes | tCode: El | PA Method | 8021B: Volat | tiles | | |
| Client ID: PBS | Bato | ch ID: 51 | 153 | F | RunNo: 6 | 7382 | | | | |
| Prep Date: 3/17/2020 | Analysis | Date: 3/ | 18/2020 | S | SeqNo: 2 | 324686 | Units: mg/K | ٢g | | |
| 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 | | | | | | | | |
| Kylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzen | e 0.90 | | 1.000 | | 89.7 | 80 | 120 | | | |
| Sample ID: Ics-51153 | Samp | Type: LC | S | Tes | tCode: El | PA Method | 8021B: Volat | tiles | | |
| Client ID: LCSS | Bato | ch ID: 51 | 153 | F | RunNo: 6 | 7382 | | | | |
| Prep Date: 3/17/2020 | Analysis | Date: 3/ | 18/2020 | S | SeqNo: 2 | 324687 | Units: mg/K | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.88 | 0.025 | 1.000 | 0 | 87.6 | 80 | 120 | | | |
| Toluene | 0.91 | 0.050 | 1.000 | 0 | 91.1 | 80 | 120 | | | |
| | 0.01 | 0.000 | | | | | | | | |
| Ethylbenzene | 0.93 | 0.050 | 1.000 | 0 | 93.1 | 80 | 120 | | | |
| | | | 1.000 3.000 | 0 0 | 93.1 94.2 | 80 80 | 120 120 | | | |

Qualifiers:

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

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

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WO#:

-

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Souder, M Project: Cypress 1 | | ssociate | es | | | | | | | |
|---|------------|----------|-----------|-------------|-------------------|-----------|--------------------|-------------|----------|------|
| Sample ID: Ics-51154 | SampT | ype: LC | S4 | Tes | stCode: El | PA Method | 8260B: Volat | tiles Short | List | |
| Client ID: BatchQC | | n ID: 51 | | 1 | RunNo: 6 | 7458 | | | | |
| Prep Date: 3/17/2020 | Analysis D | - | | | SeqNo: 2 | | Units: mg/K | ٤g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.91 | 0.025 | 1.000 | 0 | 91.1 | 80 | 120 | | | |
| oluene | 1.1 | 0.050 | 1.000 | 0 | 105 | 80 | 120 | | | |
| Ethylbenzene | 1.1 | 0.050 | 1.000 | 0 | 110 | 80 | 120 | | | |
| Kylenes, Total | 3.2 | 0.10 | 3.000 | 0 | 108 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.48 | | 0.5000 | | 96.3 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.50 | | 0.5000 | | 101 | 70 | 130 | | | |
| Sample ID: mb-51154 | SampT | ype: ME | BLK | Tes | stCode: El | PA Method | 8260B: Volat | tiles Short | List | |
| Client ID: PBS | Batch | h ID: 51 | 154 | I | RunNo: 6 | 7458 | | | | |
| Prep Date: 3/17/2020 | Analysis D | Date: 3/ | 20/2020 | : | SeqNo: 2 : | 327301 | Units: mg/K | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| oluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| (ylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.46 | | 0.5000 | | 91.7 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.49 | | 0.5000 | | 97.4 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.48 | | 0.5000 | | 96.0 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.50 | | 0.5000 | | 99.7 | 70 | 130 | | | |
| Sample ID: 2003758-011ams | SampT | уре: М | 54 | Tes | stCode: El | PA Method | 8260B: Volat | tiles Short | List | |
| Client ID: SW 2 | Batch | h ID: 51 | 154 | I | RunNo: 6 | 7458 | | | | |
| Prep Date: 3/17/2020 | Analysis D | Date: 3/ | 20/2020 | : | SeqNo: 2 | 328391 | Units: mg/K | (g | | |
| Analyte | Result | PQL | | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.80 | 0.024 | 0.9425 | 0 | 85.1 | 80 | 120 | | | |
| oluene | 0.96 | 0.047 | 0.9425 | 0 | 102 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.047 | 0.9425 | 0 | 106 | 80 | 120 | | | |
| (ylenes, Total | 3.0 | 0.094 | 2.828 | 0 | 106 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.47 | | 0.4713 | | 99.7 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.47 | | 0.4713 | | 101 | 70 | 130 | | | |
| Sample ID: 2003758-011amsd | SampT | уре: М | SD4 | Tes | stCode: El | PA Method | 8260B: Volat | tiles Short | List | |
| Client ID: SW 2 | Batch | h ID: 51 | 154 | I | RunNo: 6 | 7458 | | | | |
| Prep Date: 3/17/2020 | Analysis D | Date: 3/ | 20/2020 | : | SeqNo: 2 : | 328392 | Units: mg/K | ٢g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.79 | 0.023 | 0.9363 | 0 | 84.7 | 80 | 120 | 1.11 | 20 | |
| | | 0.047 | 0.9363 | | | | 120 | | 20 | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceededND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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| WO#: | 2003758 |
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| | 25-Mar-20 |

B Analyte detected in the associated Method Blank

Client:

Souder, Miller & Associates

| Project: | Cypress 1 | Н | | | | | | | | | |
|----------------|----------------|------------|-------------------|-----------|-------------|-----------|-----------|--------------------|------------|----------|------|
| Sample ID: 2 | 003758-011amsd | SampT | ype: MS | D4 | Tes | tCode: El | PA Method | 8260B: Vola | iles Short | List | |
| Client ID: S | SW 2 | Batch | n ID: 51 1 | 154 | R | unNo: 6 | 7458 | | | | |
| Prep Date: | 3/17/2020 | Analysis D | ate: 3/2 | 20/2020 | S | eqNo: 2 | 328392 | Units: mg/k | ſg | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Ethylbenzene | | 0.97 | 0.047 | 0.9363 | 0 | 103 | 80 | 120 | 3.44 | 20 | |
| Xylenes, Total | | 2.9 | 0.094 | 2.809 | 0 | 105 | 80 | 120 | 2.22 | 20 | |
| Surr: 4-Bromof | luorobenzene | 0.46 | | 0.4682 | | 98.1 | 70 | 130 | 0 | 0 | |
| Surr: Toluene- | d8 | 0.46 | | 0.4682 | | 99.0 | 70 | 130 | 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 S

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

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25-Mar-20

WO#:

| Client: | Souder, N | Ailler & As | ssociate | es | | | | | | | |
|---------------|------------------|-------------|----------------|-----------|-------------|-----------|-----------|-------------|----------|----------|------|
| Project: | Cypress 1 | Η | | | | | | | | | |
| Sample ID: | lcs-51154 | SampT | ype: LC | S | Tes | tCode: El | PA Method | 8015D Mod: | Gasoline | Range | |
| Client ID: | LCSS | Batch | ID: 51 | 154 | F | RunNo: 6 | 7458 | | | | |
| Prep Date: | 3/17/2020 | Analysis D | ate: 3/ | 20/2020 | S | SeqNo: 2 | 327313 | Units: mg/k | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 21 | 5.0 | 25.00 | 0 | 85.6 | 70 | 130 | | | |
| Surr: BFB | | 490 | | 500.0 | | 97.8 | 70 | 130 | | | |
| Sample ID: | mb-51154 | SampT | уре: МЕ | BLK | Tes | tCode: EF | PA Method | 8015D Mod: | Gasoline | Range | |
| Client ID: | PBS | Batch | ID: 51 | 154 | F | RunNo: 67 | 7458 | | | | |
| Prep Date: | 3/17/2020 | Analysis D | ate: 3/ | 20/2020 | S | SeqNo: 2 | 327314 | Units: mg/k | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | | 470 | | 500.0 | | 94.2 | 70 | 130 | | | |
| Sample ID: | 2003758-012ams | SampT | ype: MS | 3 | Tes | tCode: El | PA Method | 8015D Mod: | Gasoline | Range | |
| Client ID: | SW 3 | Batch | ID: 51 | 154 | F | RunNo: 67 | 7458 | | | | |
| Prep Date: | 3/17/2020 | Analysis D | ate: 3/ | 20/2020 | 5 | SeqNo: 2 | 328416 | Units: mg/h | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 18 | 4.7 | 23.32 | 0 | 77.7 | 70 | 130 | | | |
| Surr: BFB | | 460 | | 466.4 | | 98.6 | 70 | 130 | | | |
| Sample ID: | 2003758-012amsd | I SampT | уре: МS | SD | Tes | tCode: El | PA Method | 8015D Mod: | Gasoline | Range | |
| Client ID: | SW 3 | Batch | 1D: 51 | 154 | F | RunNo: 6 | 7458 | | | | |
| Prep Date: | 3/17/2020 | Analysis D | ate: 3/ | 20/2020 | S | SeqNo: 2 | 328417 | Units: mg/k | ٢g | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 19 | 4.8 | 24.04 | 0 | 80.7 | 70 | 130 | 6.77 | 20 | |
| Surr: BFB | | 470 | | 480.8 | | 98.2 | 70 | 130 | 0 | 0 | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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WO#: 2003758 25-Mar-20

| | b. DCD: 4/15/2020 10:29:52 AM ENVIRONMENTAL ANALYSIS LABORATORY Client Name: SMA-CARLSBAD | | | 490 Albuquerg 3975 FAX: | sis Laboral 1 Hawkins ue, NM 87 505-345-4 onmental.c | NE 109 Sam 107 | Page Sample Log-In Check List | | | | | |
|--|---|--|--|-------------------------------|--|-----------------------------|----------------------------------|-----------------|--|--|--|--|
| Client Name: | SMA-CAR | LSBAD | Work Order Num | nber: 200 | 3758 | | RcptNo: 1 | | | | | |
| Received By: | Desiree D | ominguez | 3/17/2020 8:20:00 | AM | | TP> | | | | | | |
| Completed By: | Anne Tho | orne | 3/17/2020 10:53:3 | 2 AM | | ame In | | | | | | |
| Reviewed By: | 1-B | | 3/17/20 | | | Ume som | ~ | | | | | |
| Chain of Cus | <u>tody</u> | | | | | | | | | | | |
| 1. Is Chain of C | ustody suffic | iently complete | 9? | Yes | \checkmark | No 🗌 | Not Present | | | | | |
| 2. How was the | sample deliv | vered? | | <u>Cou</u> | ier | | | | | | | |
| <u>Log In</u> 3. Was an atterr | pt made to d | cool the sample | es? | Yes | ✓ | No 🗌 | NA 🗍 | | | | | |
| 4. Were all samp | les received | l at a temperat | ure of >0° C to 6.0°C | Yes | | No 🗌 | NA 🗔 | | | | | |
| 5. Sample(s) in p | proper conta | iner(s)? | | Yes | | No 🗌 | | | | | | |
| 6. Sufficient sam | ple volume f | or indicated te | st(s)? | Yes | | No 🗌 | | | | | | |
| 7. Are samples (| except VOA | and ONG) pro | perly preserved? | Yes | \checkmark | No 🗌 | | | | | | |
| 8. Was preservat | ive 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 | ple containe | ers received br | oken? | Yes | | No 🗹 | # of preserved bottles checked | | | | | |
| 11. Does paperwo (Note discrepa | | | | Yes | ✓ | No 🗌 | for pH: | 12 unless noted | | | | |
| 12. Are matrices c | orrectly iden | tified on Chain | of Custody? | Yes | \checkmark | No 🗌 | Adjusted? | | | | | |
| 13, Is it clear what | analyses we | ere requested? | , | Yes | \checkmark | No 🗌 | | | | | | |
| 14. Were all holdir (If no, notify cu | | | | Yes | ✓ | No 🗌 | Checked by: DA | AD 3/17/2 | | | | |
| Special Handli | ng (if app | licable) | | | | | | | | | | |
| 15. Was client not | ified of all di | screpancies w | ith this order? | Yes | | No 🗌 | NA 🗹 | | | | | |
| Person | Notified: | | Date | J | | | | | | | | |
| By Who | 4 / | | Via: | 🗌 eMa | il 🗌 Ph | one 🗌 Fax | In Person | | | | | |
| Regardi | | | | | | | | | | | | |
| Client In | structions: | | | | | ····· | | | | | | |
| 16. Additional ren | narks: | | | | | | | | | | | |
| 17. <u>Cooler Inforr</u> | nation | | | | | | | | | | | |
| | | | | Seal Da | te s | Signed By | | | | | | |
| Cooler No | Temp °C | Condition | Seal Intact Seal No | οφαι μα | | | | | | | | |
| Factor concernment for a second | Temp °C 1.6 | Narran marin war in in in in in it in it in it is in the in the in the internet of the interne | Yes | Sear De | | | | | | | | |
| Factor concernment for a second | | Good Good | -100707030000000000000000000000000000000 | Sear De | | | | | | | | |

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| Turn-Around Time: | □ Standard ≦ Rush 5 cluit hv/m n ALL ENVIRONMENTAL | Project Name: | 37109 | Tel. 505-345-3975 Fax 505-345-4107 | Analysis Request | () () | ≥O4' 2 SIW2 D / WK0 2 (805. | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | mp(including CE): Set | 8250 8260 67 F 8260 8081 8081 8081 15H | 4°2 XX X X | | XX | | | - | čs? / / / X/X/ / / / / / / / | | | X X Old | ZWZ X X X X X X X X X X X X X X X X X X | 5w3 1 1 1 1 212 X X 1 | Received by Via: Date Time Remarks: Divert B-III: March Div | Beceived hy Via Date Time 1 66 3 | |
|-------------------------|--|---------------|------------------|------------------------------------|------------------|----------------|--------------------------------------|------|-------|--|-----------------------|---|-----------------|--------|-------|------|------|------|------------------------------|------|-----|---------|---|-----------------------|---|----------------------------------|---|
| Chain-of-Custody Record | - Carlshad | | | | | | □ I evel 4 (Full Validation) | | Other | | | Matrix Sample Name | | 653 | c53 | hs: | 635 | 1,56 | Č57 | 1999 | C99 | Swi | 5w 2 | | Relinquished by: | Ralinnuishard hv: | |
| Chain-oi | client: SMA- | | Mailing Address: | | Phone #: | email or Fax#: | QA/QC Package: □ Standard | , io | | EDD (Type) | | Date Time Ma | 34426 (420 Soi) | 1 1606 | 14101 | 9997 | 1466 | 457 | 859 | 600 | 408 | 916 | 191 | 434 | | Date: Time: Reli | j |

| Analysis Request | | X X X X X X X X X X X X X X X X X X X | -contracted data will be clearly notated on the analytical report. |
|---|--|--|--|
| 4901 H Tel. 50 | TPH:8015D(GRO / DRO / MRO) 8081 Pesticides/8082 PCB's | 20C7 | lity. Any sub |
| | (1208) 8,8MT / 3874) | Zof Kemarks: | possibil |
| Turn-Around Time: □ Standard | Project Manager: KSMLM WWIMP() Sampler: LAN Sampler: LAN On Ice: Lan # of Coolers: Ino # of Coolers: Ino Container Preservative Type 200 3158 | Hore Received by: Via: Bate Time Received by: Via: Bate Time Received by: Via: Date Time | ies. This serves at |
| Client: SMA-Castody Record Client: SMA-Castody Mailing Address: Phone #: | email or Fax#: QA/QC Package: Calandard Callevel 4 (Full Validation) Accreditation: Az Compliance NELAC Compliance NELAC Compliance District Callevel A (Full Validation) Accreditation: Az Compliance District Callevel A (Full Validation) Callevel A (Full Validation) Accreditation: Az Compliance District Callevel A (Full Validation) Accreditation: Az Compliance Accreditation: Az Compliance Acc | PHI20 Q.23 Soil Soil Pate: Time: Relinquished by: Date: Time: Relinquished by: | If necessary, samples submitted to Hall Environmental may be sub |

ł,