Site Assessment Summary & Variance Request

Solaris Water Midstream, LLC Urraca Booster Pump

Lea County, New Mexico Unit Letter "B", Section 11, Township 23 South, Range 32 East Latitude 32.32348 North, Longitude 103.64382 West NMOCD Reference No. nAPP2310130251

Prepared By:

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1.0 **PROJECT INFORMATION**

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Solaris Water Midstream, LLC (Solaris), has prepared this *Site Assessment Summary & Variance Request* for the release site known as the Urraca Booster Pump. Details of the release are summarized below:

| Latitude: | 32.3 | 2348 | Longitude | : | -103.64382 | | | |
|---|------------|---|------------------------|--------------------|-----------------------------|--|--|--|
| | | Provideo | d GPS are in WGS84 for | mat. | | | | |
| Site Name: | | ooster Pump | Site Type: | | Booster Pump | | | |
| Date Release Discover | red: | 4/10/2023 | API # (if appl | icable): | N/A | | | |
| | ection | Township | Range | County | | | | |
| "B" | 11 | 23S | 32E | Lea | | | | |
| Surface Owner: S | tate XI | Federal Tribal | Private (N | ame | | | | |
| | | Nature ar | nd Volume of | Release | | | | |
| | | i (utui c ui | | Itereuse | | | | |
| Crude Oil | Volum | e Released (bbls) | | Volume Recove | red (bbls) | | | |
| X Produced Water | Volum | e Released (bbls) | 51 | Volume Recove | red (bbls) 10 | | | |
| | | oncentration of disso duced water > 10,000 | | X Yes No N/A | | | | |
| Condensate | Volum | e Released (bbls) | | Volume Recove | red (bbls) | | | |
| Natural Gas | Volum | e Released (Mcf) | | Volume Recove | red (Mcf) | | | |
| Other (describe) | Volum | e/Weight Released | | Volume/Weight | Recovered | | | |
| Cause of Release: A hose fastener on stopped and the hose | | er pump failed. The | pump was being | monitored and v | was turned off. The pump wa | | | |
| | | In | itial Response | | | | | |
| X The source of the | release ha | s been stopped. | | | | | | |
| X The impacted area | a has been | secured to protect hur | man health and the | environment. | | | | |
| X Release materials | have been | contained via the use | of berms or dikes, | absorbent pad, or | other containment devices | | | |
| | | | | anaged appropriate | _ | | | |

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)? | Between 500 and 1,000 (ft.) |
|--|-----------------------------|
| What method was used to determine the depth to groundwater? | Estimate or Other |
| Did the release impact groundwater or surface water? | Yes X No |
| What is the minimum distance between the closest lateral extents of the release and the following surface areas? | |
| A continuously flowing watercourse or any other significant watercourse? | 1 to 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? | 1 to 5 (mi.) |
| An occupied permanent residence, school, hospital, institution or church? | > 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | 1 to 5 (mi.) |
| Any other fresh water well or spring? | 1 to 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field? | > 5 (mi.) |
| A wetland? | 1 to 5 (mi.) |
| A subsurface mine? | > 5 (mi.) |
| A (non-karst) unstable area? | 1 to 5 (mi.) |
| Categorize the risk of this well/site being in a karst geology. | Low |
| A 100-year floodplain? | > 5 (mi.) |
| Did the release impact areas not on an exploration, development, production or storage site? | X Yes No |

Searches of databases maintained by the NMOCD, New Mexico Office of the State Engineer (NMOSE), and United States Geological Survey (USGS) were conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Urraca Booster Pump release site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided in Appendix A.

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 5.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria and NMOCD Reclamation Standard for the Urraca Booster Pump release site are as follows:

| Probable Depth to Groundwater | Constituent | Laboratory Analytical Method | Closure Criteria*† | Reclamation Standard*‡ |
|----------------------------------|--|-----------------------------------|-----------------------|---------------------------|
| | Chloride (Cl-) | EPA 300.0 or SM4500 Cl B | 20,000 | 600 |
| Between 500 and | Total Petroleum Hydrocarbons (TPH) | EPA SW-846 Method 8015M Ext | 2,500 | 100 |
| 1,000 (ft.) | Gas Range Organics + Diesel Range Organics (GRO + DRO) | EPA SW-846 Method 8015M | 1,000 | - |
| 1,000 (11.) | Benzene | EPA SW-846 Methods 8021b or 8260b | 10 | 10 |
| | Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) | EPA SW-846 Methods 8021b or 8260b | 50 | 50 |

* Measured in milligrams per kilogram (mg/kg)

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 SITE ASSESSMENT

On May 22 and 23, 2023, Etech conducted an initial site assessment. During the initial site assessment, five (5) handaugered soil bores (V1 through V5) were advanced within the release margins in an effort to determine the vertical extent of impacted soil. The soil bores were advanced in one (1) foot increments until refusal was met or field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. In addition, seven (7) hand-augered soil bores (NH1, EH1, SH1, SH2, WH1, WH2, and WH3) were advanced within one (1) to two (2) feet of the inferred edges of the affected area in an effort to determine the horizontal extent of impacted soil. During the advancement of the hand-augered soil bores, soil samples were collected and field-screened for the presence of Volatile Organic Compounds (VOCs) utilizing olfactory/visual senses and/or concentrations of chloride utilizing a Hach Quantab ® chloride test kit.

Based on field observations and field test data, a total of 24 delineation soil samples (NH1 @ Surface, NH1 @ 1', EH1 @ Surface, EH1 @ 1', SH1 @ Surface, SH1 @ 1', SH2 @ Surface, SH2 @ 1', WH1 @ Surface, WH1 @ 1', WH2 @ Surface, WH2 @ 1', WH3 @ Surface, WH3 @ 1', V1 @ Surface, V1 @ 3'-R, V2 @ Surface, V2 @ 2'-R, V3 @ Surface, V3 @ 2'-R, V4 @ Surface, V4 @ 2'-R, V5 @ Surface, and V5 @ 2'-R) were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. BTEX concentrations were also below the NMOCD Reclamation Standard. GRO+DRO concentrations in soil samples V2 @ 2'-R exceeded the NMOCD Closure Criterion. The TPH concentration in soil sample V2 @ 2'-R exceeded the NMOCD Closure Criterion in soil samples V1 @ 3'-R, V2 @ Surface, and V3 @ Surface exceeded the NMOCD Reclamation Standard. Chloride concentrations in soil samples V1 @ Surface, N1 @ 3'-R, V2 @ Surface, N2 @ 2'-R, V3 @ 2'-R, V4 @ Surface, and V5 @ Surface exceeded the NMOCD Reclamation Standard. Chloride concentrations in soil samples V1 @ Surface, N1 @ 3'-R, V2 @ Surface, N2 @ 2'-R, V3 @ 2'-R, V4 @ Surface, and V5 @ Surface exceeded the NMOCD Reclamation Standard.

Based on these laboratory analytical results, the horizontal extent of impacted soil was adequately defined in the areas characterized by sample points NH1, EH1, SH1, SH2, WH1, WH2, and WH3; and the vertical extent of impacted soil was adequately defined in the areas characterized by sample points V4 and V5. However, additional vertical delineation was required in the areas characterized by sample points V1, V2, and V3.

On October 4, 2023, Etech continued the site assessment. In an effort to further investigate the vertical extent of impacted soil, a backhoe was utilized to advance test trenches (SP-1, SP2, and SP3) in the areas characterized by sample points V1, V2, and V3 to total depths ranging from seven (7) feet bgs (SP2) to 11 feet bgs (SP-1 and SP3). During the advancement of the test trenches, soil samples were collected and field-screened as previously described for the presence of VOCs and/or concentrations of chloride.

Based on field observations and field test data, six (6) delineation soil samples (SP-1 @ 4', SP-1 @ 11', SP2 @ 4, SP2 @ 7, SP3 @ 4, and SP3 @ 11) were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria in each of the submitted soil samples. Based on these laboratory analytical results, the vertical extent of impacted soil was adequately defined in the areas characterized by sample points SP-1/V1, SP2/V2, and SP3/V3.

| Constituent | Highest Observable Concentration | Sample ID | Sample Date | Sample Depth (ft bgs) | Soil Status |
|-------------|-------------------------------------|-----------------------|-------------------------|--------------------------|-------------|
| Chloride | 18,800 | V5 @ Surface | 5/22/2023 | 0 | In-Situ |
| TPH | 4,680 | V2 @ 2'-R | 5/23/2023 | 2 | In-Situ |
| GRO+DRO | 3,800 | V2 @ 2'-R | 5/23/2023 | 2 | In-Situ |
| Benzene | < 0.050 | All submitted samples | 5/22, 5/23 & 10/4/23 | 0-11 | In-Situ |
| BTEX | <0.300 | All submitted samples | 5/22, 5/23 & 10/4/23 | 0-11 | In-Situ |

The locations of the soil borings and test trenches are depicted in Figure 3, "Sample Location Map". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

5.0 VARIANCE REQUESTS

A review of laboratory analytical results from soil samples collected during the aforementioned site assessment and subsequent delineation events indicates that the horizontal and vertical extent of impacted soil has been adequately delineated to the Closure Criteria specified in Table I, Section 19.15.29.12 NMAC, for sites where the depth to groundwater is greater than 100 feet bgs. Based on the inferred depth to water at the site (550 feet bgs), in-situ concentrations of TPH and chloride are not believed to be a risk to the underlying groundwater. (Note: no BTEX was detected in any of the submitted soil samples.)

During the site assessment, a resilient calcrete rock layer was encountered at depths ranging from two (2) to three (3) feet bgs throughout the affected area. Based on field observations, excavation into and below this calcrete layer is impracticable without specialized heavy equipment. In addition, portions of the affected area are located within active pipeline rights-of-way (ROWs), and extensive excavation in these areas is deemed impracticable due to safety and environmental concerns associated with the presence of active buried pipelines and (potentially) overhead power lines.

Based on the information summarized above, pursuant to Section 19.15.29.14 NMAC, Etech, on behalf of Solaris, requests a variance from the requirements of Sections 19.15.29.12 C.(3) and 19.15.29.13 D.(1) NMAC to (a) limit the vertical excavation of impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards to the surface of the calcrete rock layer (approximately 2 to 3 feet bgs) and (b) leave impacted soil within and below the calcrete layer in-situ.

A variance is also requested for an alternative sampling plan comprised of five-point composite confirmation samples collected from the excavated area at intervals representing no more than 400 square feet. Solaris believes that a relaxation of sampling frequency is permissible given the size and nature of the release, the lack of variability in surface topography, the relatively shallow depths of contaminant intrusion, and the comparatively difficult task of collecting samples of adequate volume from resilient calcrete (i.e., versus sampling sand or soil).

Based on the size of the affected area (approximately 85,823 square feet), an anticipated total of approximately 215 confirmation soil samples will be collected from the floor of the excavated area under the proposed alternative sampling plan, as opposed to approximately 430 samples under a standard 200-square-foot plan. This equates to an average of approximately 20 feet linear feet between soil samples, as illustrated in Figure 4, "Proposed Sampling Plan Map". The map demonstrates that there is a nominal difference between the requested sampling plan and the standard 200-square-foot plan. As such, Solaris affirms that the proposed sampling plan provides an equal protection of fresh water, public health, and the environment, pursuant to Section 19.15.29.14 A.(2) NMAC.

Composite confirmation samples will be collected from the sidewalls of the excavated area at approximately 100-foot linear intervals, for an anticipated total of approximately 85 samples, based on the perimeter of the inferred affected area (approximately 8,508 feet). The composite wall and floor confirmation soil samples will include wet and/or visibly stained areas, from which additional discrete samples will also be collected, as necessary.

Please note that the actual number of confirmation soil samples collected from the excavated area will be determined by the final dimensions of the excavation.

6.0 PROPOSED REMEDIATION PLAN

| Requesting a remediation plan approval with this submission? | X Yes No |
|---|-----------------------|
| Requesting a deferral of remediation closure due date with the approval of this submission? | Yes X No |
| Requesting a remediation closure approval with this submission? | Yes X No |
| Have the lateral and vertical extents of contamination been fully delineated? | X Yes No |
| Was this release entirely contained within a lined containment area? | Yes X No |
| On what estimated date did, or will, the remediation commence? | 4/1/2024 |
| On what date will (or was) the remediation complete(d)? | To Be Determined |
| What was the total surface area (sq. ft.) that has or will be remediated? | 85,823 |
| What was the total volume (cy) that has or will be remediated? | 7,947 |
| This remediation utilized the following processes to remediate/reduce contaminants: (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | X Yes No |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Yes X No |
| (In Situ) Soil Vapor Extraction | Yes X No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Yes X No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Yes X No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Yes X No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Yes X No |
| Other (Non-listed remedial process) | Yes X No |
| Which OCD approved facility was or will be used for off-site disposal? | R360 Halfway Facility |
| NMOCD Disposal Facility ID? | fEEM0112334510 |
| Summarize any additional remediation activities not included by answers above. | See below |

Based on laboratory analytical results, site characteristics, and field observations made during the initial site assessment and subsequent delineation events, Solaris proposes the following remediation activities designed to advance the Urraca Booster Pump release site toward regulatory-approved closure:

- Utilizing mechanical equipment, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards will be excavated and stockpiled on-site on impermeable plastic, pending final disposition. A chloride field test kit and/or olfactory/visual senses will be utilized to field-screen the extent of impacted soil and to guide the excavation.
- The sidewalls of the excavation will be advanced horizontally until field tests and field observations suggest BTEX, TPH, and chloride concentrations are below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. The excavation will be advanced vertically to the surface of the resilient calcrete rock layer underlying the site at approximately two (2) to three (3) feet bgs.
- Impacted soil within affected pipeline ROWs will be excavated to the maximum extent practicable.
- Upon completion of excavation activities, representative five-point composite confirmation soil samples will be collected from the sidewalls and floors of the excavated area as described in Section 5.0 above.
- Upon receiving laboratory analytical results from excavation confirmation soil samples, the excavated areas will be backfilled with locally sourced, non-impacted, "like" material.

- The approximate 7,947 cubic yards (yd³) of impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards expected to be excavated will be transported to an NMOCD-permitted surface waste facility for disposal.
- Upon completion of remediation activities, a *Remediation Summary & Soil Closure Request* will be prepared detailing field activities and laboratory analytical results from confirmation soil samples.

7.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste containing earthen material with concentrations of less than 600 mg/kg chloride, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg benzene? | Yes X No |
|--|----------|
| What is the total surface area (sq. ft.) that will <i>eventually</i> be reclaimed? | 85,823 |
| What is the total volume (cy) that will <i>eventually</i> be reclaimed? | 7,947 |

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas will be backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area will be compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the site.

8.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Site Assessment Summary & Variance Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Solaris Water Midstream, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or Solaris Water Midstream, LLC.

9.0 **DISTRIBUTION**

Solaris Water Midstream, LLC 907 Tradewinds Blvd Ste B Midland, TX 79706

New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division, District 1 1220 South St. Francis Drive Santa Fe, NM 87505

United States Department of the Interior Bureau of Land Management 620 E. Greene Street Carlsbad, NM 88220

(Electronic Submission)

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Figure 1 Site Location Map



Figures 2A & 2B Site Characterization Maps



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Figure 3 Sample Location Map



Figure 4 Proposed Sampling Plan Map



Table 1Concentrations of BTEX, TPH & Chloride in Soil

| | Table 1 | | | | | | | | | | | |
|---------------|---|-----------------|----------------|--------------------|-----------------|---|--|--|--|--------------------------|---------------------|--|
| | | | Concen | trations of | f BTEX, T | PH & Ch | loride in S | oil | | | | |
| | | | | Solaris V | Vater Mid | lstream, L | LC | | | | | |
| | Urraca Booster Pump NMOCD Ref. #: nAPP2310130251 | | | | | | | | | | | |
| | | | | NMOCD | Ref. #: nA | PP231013 | 0251 | | | - | | |
| | D Closure Crit | | | 10 | 50 | N/A | N/A | 1,000 | N/A | 2,500 | 20,000 | |
| NMOCD | Reclamation St | andard | | 10 | 50 | N/A | N/A | N/A | N/A | 100 | 600 | |
| | | | | SW 840 | 5 8021B | | SW | 846 8015M | Ext. | | 4500 Cl | |
| Sample ID | Date | Depth (Feet) | Soil Status | Benzene (mg/kg) | BTEX (mg/kg) | GRO C ₆ -C ₁₀ (mg/kg) | DRO C ₁₀ -C ₂₈ (mg/kg) | GRO + DRO C ₆ -C ₂₈ (mg/kg) | ORO C ₂₈ -C ₃₆ (mg/kg) | TPH C6-C36 (mg/kg) | Chloride (mg/kg) | |
| NH1 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 | |
| NH1 @ 1' | 5/22/2023 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 | |
| EH1 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 192 | |
| EH1 @ 1' | 5/22/2023 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 | |
| SH1 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | 13.2 | 13.2 | <10.0 | 13.2 | 32.0 | |
| SH1 @ 1' | 5/22/2023 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 32.0 | |
| SH2 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 | |
| SH2 @ 1' | 5/22/2023 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 | |
| WH1 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 16.0 | |
| WH1 @ 1' | 5/22/2023 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 | |
| WH2 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 | |
| WH2 @ 1' | 5/22/2023 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 | |
| WH3 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 | |
| WH3 @ 1' | 5/22/2023 | 1 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | <16.0 | |
| V1 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | 765 | 765 | 156 | 921 | 6,000 | |
| V1 @ 3'-R | 5/23/2023 | 3 | In-Situ | < 0.050 | < 0.300 | <10.0 | 83.5 | 83.5 | 18.0 | 102 | 1,410 | |
| SP-1 @ 4' | 10/4/2023 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,080 | |
| SP-1 @ 11' | 10/4/2023 | 11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 896 | |
| V2 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | 14.2 | 1,600 | 1,610 | 360 | 1,970 | 5,520 | |
| V2 @ 2'-R | 5/23/2023 | 2 | In-Situ | < 0.050 | < 0.300 | 12.3 | 3,790 | 3,800 | 875 | 4,680 | 4,880 | |
| SP2 @ 4 | 10/4/2023 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,200 | |
| SP2 @ 7 | 10/4/2023 | 7 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 240 | |
| V3 @ Surface | 5/23/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | 295 | 295 | 89.3 | 384 | 320 | |
| V3 @ 2'-R | 5/23/2023 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | 74.0 | 74.0 | 13.6 | 87.6 | 7,800 | |
| SP3 @ 4 | 10/4/2023 | 4 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 3,360 | |
| SP3 @ 11 | 10/4/2023 | 11 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 256 | |
| V4 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 12,400 | |
| V4 @ 2'-R | 5/22/2023 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 160 | |
| V5 @ Surface | 5/22/2023 | 0 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 18,800 | |
| V5 @ 2'-R | 5/22/2023 | 2 | In-Situ | < 0.050 | < 0.300 | <10.0 | <10.0 | <20.0 | <10.0 | <30.0 | 112 | |

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Appendix A Depth to Groundwater Information

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Application to Drill Urraca Federal Com 24H Cimarex Energy Co. UL: B, Sec. 11, 235, 32E Lea Co., NM Extracted from the "Application for Permit to Drill or Reenter" for NMOCD Well #30-025-42255, dated February 26, 2014.

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In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

1. Location: SHL 330' FNL 1750' FEL

BHL 330' FSL 1325' FEL

2. Elevation Above Sea Level: 3,724' GR

3. Geologic Name of Surface Formation: Quaternary Alluvium Deposits

4. Drilling Tools and Associated Equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal

5. Proposed Drilling Depth: 14,138 MD 9,700 TVD Pilot Hole TD: N/A

6. Estimated Tops of Geological Markers:

| Formation | Est Top | Bearing | |
|----------------|---------|-------------------|-----|
| Rustler | | 1180. N/A | |
| Salt | | 1410 N/A | |
| Castille | | 3550 N/A | |
| Base Last Salt | | 46351 N/A | |
| Lamar | - | 49001 N/A | - |
| Bell Canyon | | 4955 N/A | 1 |
| Cherry Canyon | - | 5865 N/A | 10 |
| Brushy Canyon | | 7150 Hydrocarbons | 1.4 |
| Bone Spring | i la a | 8800 Hydrocarbons | |
| Avalon Shale | | 9330 Hydrocarbons | |

7. Possible Mineral Bearing Formation: Shown above

7A. OSE Ground Water Estimated Depth: 550'

8. Casing Program:

| Name | Casing Depth From (ft) | Casing Setting Depth (ft) MD | Casing Setting Depth (ft)TVD | Open Hole Size (inches) | Casing Size (inches) | Casing Weight (Ib/ft) | Casing Grade | Thread | Conditon | BHP (psig) | Anticipated Mud Weight (ppg) | Collapse SF at Full Evacuation(1.125) | Collapse SF at 1/3 Evacuation(1.125) | Burst SF (1.125) | Cumulative Air Weight | Cumulative Bouyed Weight (Ibs) | Bouyant Tension SF (1.8) |
|--------------|---------------------------|---------------------------------|---------------------------------|----------------------------|-------------------------|--------------------------|--------------|--------|----------|------------|---------------------------------|--|---|------------------|--------------------------|--------------------------------------|-----------------------------|
| Surface | 0 | 1230 | 1230 | 17 1/2 | 13-3/8" | 48.00 | H-40 | ST&C | New | 530 | 8.3 | 1.39 | | 3.26 | 59,040 | 51,559 | 6.25 |
| Intermediate | 0 | 4920 | 4920 | 12 1/4 | 9-5/8" | 40.00 | J-55 | LT&C | New | 2558 | 10.0 | | 1.53 | 1.54 | 196,800 | 166,754 | 3.12 |
| Production | 0 | 9223 | . 9223 | 8 3/4 | 5-1/2" | 17.00 | L-80 | LT&C | New | 4316 | 9.0 | 1.46 | | 1.79 | 164,900 | 142,242 | 2.38 |
| Production | 9223 | 14138 | 9700 | 8 3/4 | 5-1/2" | 17.00 | L-80 | BT&C | New | 4539 | 9.0 | 1.39' | | 1.71 | 8,109, | 6,995 | 56.76 |

Note: Operator may drill a 8-1/2" OH from end of curve to TD of the well. This is to reduce the need to ream the conventionally drilled curve to run a RSS assembly into the lateral.

| | N | | | | | | | | | | ate Er epth | • | neer Wate | er |
|--|--|----------------------|-------------|------------------|--------|-----------------------|----|--------|------------------|--------|----------------|---------|------------------|----------------------|
| (A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) | (R=POD been repl O=orphar C=the file closed) | aced, ned, | | `` | ers ar | e 1=NW 2 e smalles | | | I=SE) AD83 UT | M in n | neters) | | (In feet) | |
| POD Number | Code | POD Sub- basin | Countv | Q Q Q 64 16 4 | • | Tws Rn | na | х | | Y | Distancel | Depth | WellDepthW | Water /aterColumn |
| <u>C 02349</u> | | CUB | ED | 2 3 | | 23S 32 | • | 625678 | 357800 | 4* 🌍 | 2171 | | 525 | |
| | | | | | | | | | | Aver | age Depth to | o Water | r: | |
| | | | | | | | | | | | Minimum | Depth: | : | |
| | | | | | | | | | | | Maximum | Depth: | | |
| Record Count:1 | | | | | | | | | | | | | | |
| UTMNAD83 Radiu | is Search (i | n meter | <u>rs):</u> | | | | | | | | | | | |
| Easting (X): 62 | 7651.81 | | North | ning (Y): | 3577 | 099.81 | | | Radius: | 3220 | | | | |
| *UTM location was deriv | ed from PLS | S - see H | lelp | | | | | | | | | | | |
| The data is furnished by th concerning the accuracy, o | | | | | | | | | | | OSE/ISC ma | ke no w | arranties, expre | essed or implied, |

11/30/23 6:24 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer Point of Diversion Summary

| | | (quarters are 1=NW 2=NE (quarters are smallest to | , | (NAD83 UTM in meters) |
|----------------|------------------------|--|------------|------------------------|
| Well Tag I | OD Number | Q64 Q16 Q4 Sec | Tws Rng | X Y |
| (| C 02349 | 2 3 03 | 23S 32E | 625678 3578004* 🌍 |
| Driller Licens | se: | Driller Company: | | |
| Driller Name | : | | | |
| Drill Start Da | ite: 04/14/1930 | Drill Finish Date: | 04/14/1930 | Plug Date: |
| Log File Date | : | PCW Rcv Date: | | Source: |
| Pump Type: | | Pipe Discharge Size: | | Estimated Yield: 5 GPM |
| Casing Size: | 8.00 | Depth Well: | 525 feet | Depth Water: |

*UTM location was derived from PLSS - see Help

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

4/13/23 9:04 AM

POINT OF DIVERSION SUMMARY

| | | | | | | Sum | |
|-------------------------|----------------------------|--------------------|-------------------------|---------------------|----------------|-----------------|------------------------|
| | | | DCL | Declaratio | n of a Water I | Right | |
| Transaction Nu | mber: 1548 | 20 | Tran | saction De | sc: C 02349 | | File Date: 09/09/1998 |
| Primary St Secondary | | | lared cessed | | | | |
| Person Ass Ap | igned: *** oplicant: CH | **** ARLES I | F. JAME | ËS | | | |
| x Events | | | | | | | |
| | Date 09/09/1998 | Type APP | Descri Applic | ption ation Rece | ived | Comment | Processed By ****** |
| | 09/09/1998 | FTN | Finaliz | ze non-pub | lished Trans. | | ***** |
| × Water Rig | ght Information |)n | | | | | |
| WR File | e Nbr | Acre | es. | Diversion | Consumpti | ve Purpose of U | Jse |
| C 0234 | 9 | | 0 | 3 | | STK 72-12 | -1 LIVESTOCK WATERING |
| **D | nt of Diversio | n | | | | | |
| " "P01 | | | | | | | |

4/13/23 9:03 AM

TRANSACTION SUMMARY



θ

Click forNews Bulletins

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 321950103400601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321950103400601 23S.32E.03.31110

Lea County, New Mexico Latitude 32°19'50", Longitude 103°40'06" NAD27 Land-surface elevation 3,668 feet above NAVD88 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

| Date \$ | Time \$ | ? Water- level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical \$ datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement | ? Water- level approval status |
|------------|---------|---|------------------------|---|---|------------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|--|
| | | | | | | | | | | | |
| 1972-09-13 | | D | 72019 | 204.18 | | | 1 | Z | | | А |
| 1977-03-10 | | D | 72019 | 213.85 | | | 1 | Z | | | А |
| 1981-03-26 | | D | 72019 | 197.34 | | | 1 | Z | | | А |
| 1986-04-16 | | D | 72019 | 196.65 | | | 1 | Z | | | А |

| Section \$ | Code \$ | Description |
|--------------------------------|---------|---|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet |
| Parameter code | 72019 | Depth to water level, feet below land surface |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 |
| Status | 1 | Static |
| Method of measurement | Z | Other. |
| Measuring agency | | Not determined |
| Source of measurement | | Not determined |
| Water-level approval status | А | Approved for publication Processing and review completed. |

Questions or Comments Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2023-11-30 20:21:28 EST 0.35 0.25 nadww01



Explanation



0

Click forNews Bulletins

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 321952103400801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321952103400801 23S.32E.03.311114

Lea County, New Mexico Latitude 32°19'59.2", Longitude 103°40'12.6" NAD83 Land-surface elevation 3,648.00 feet above NGVD29 The depth of the well is 630 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

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

Output formate

| Date \$ | Time \$ | ? Water- level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above \$ specific vertical datum | Referenced vertical ≎ datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source of measurement | ? Water- level approval status |
|------------|---------|---|------------------------|---|--|-----------------------------------|-------------|-------------------------------|--------------------------|-------------------------------|--|
| | | | | | | | | | | | |
| 1976-12-09 | | D | 72019 | 420.57 | | | 1 | Z | | | А |
| 1981-03-26 | | D | 72019 | 438.34 | | | Р | Z | | | А |
| 1981-05-21 | | D | 72019 | 437.67 | | | 1 | Z | | | А |
| 1986-04-17 | | D | 72019 | 438.68 | | | 1 | Z | | | А |
| 1991-05-30 | | D | 72019 | 437.93 | | | 1 | Z | | | А |
| 1992-11-05 | | D | 72019 | 438.12 | | | 1 | S | | | A |

| Date \$ | Time \$ | ? Water- level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above \$ specific vertical datum | Referenced vertical ≎ datum | ? \$tatus | ? Method of measurement | ? Measuring agency | ? Source of measurement | ? Water- level approval status |
|------------|-----------|---|------------------------|---|--|-----------------------------------|--------------|-------------------------------|--------------------------|-------------------------------|--|
| 1005 00 15 | | | 72010 | 427.02 | | | | C | | | |
| 1996-03-15 | | D | 72019 | 437.82 | | | 1 | 5 | | | A |
| 2013-01-17 | 01:00 UTC | m | 72019 | 486.60 | | | Р | S | USGS | S | А |

| | | Explanation |
|--------------------------------|---------|---|
| Section \$ | Code \$ | Description |
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Water-level date-time accuracy | m | Date is accurate to the Minute |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet |
| Parameter code | 72019 | Depth to water level, feet below land surface |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 |
| Status | 1 | Static |
| Status | Р | Pumping |
| Method of measurement | S | Steel-tape measurement. |
| Method of measurement | Z | Other. |
| Measuring agency | | Not determined |
| Measuring agency | USGS | U.S. Geological Survey |
| Source of measurement | | Not determined |
| Source of measurement | S | Measured by personnel of reporting agency. |
| Water-level approval status | А | Approved for publication Processing and review completed. |

Questions or Comments Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2023-11-30 20:22:16 EST 0.31 0.24 nadww01 USA.gov

Released to Imaging: 4/11/2024 2:35:05 PM

Appendix B Field Data

Received by OCD: 2/20/2024 11:46:47 AM





Sample Log

Date:

10/2/23

Project Number:

Project:

Latitude:

Longitude:

| Sample ID | PID/Odor | Chloride Conc. | GPS |
|-----------------|----------|----------------|-----|
| SP#1. O Surface | | 5904 | |
| SP#1. @ 1Ft | - | 2,588 | |
| SPHI. @ 2Ft | - | 2588 | |
| SP#1, @ 3Ft | - | 2400 | |
| SP#1, @ 4F1 | - | 1816 | |
| SP#1. @ SFt | - | 900 | |
| SP#1. @ CF1 | - | 2400 | |
| SP#1. @ 7Ft | - | 2,588 | |
| SP#1. @ 8Ft | - | 3680 | |
| SPEFI. @ 9F1 | - | 900 | |
| SP#1.60 10 Ft - | - | 108 | |
| SP#1. WIIFI | - | 908- | |
| SP#1. QILFI | - | 708 | |
| | | | |
| SPZ P SUr | - | 900 | |
| 587 A 1 | - | 3,768 | |
| SPLEZ | - | 4.4.4.8 | |
| SPZEZ SPZEZ | - | 3,38 🖇 🛸 | |
| SPZE 4 | ** | 2,232 | |
| SP285 | - | 1.292 | |
| SPZQ6 | - | 1,124 | |
| 51207 | - | 248 | |
| 51208 | - | 198 | |
| | | | |
| 5p3 CSUr | - | 648 | |
| SP3 @1 | - | 2588 | |
| 513@2 | - | 2400 | |
| 51383 | - | 2400 | |
| 813@4 | - | 2232 02588 | |
| SP3@5 | - | 02588 | |
| 51306 | × | 2400 | |
| 513@7 | 1 | 1,816 | |
| 6P388 | - | 1,292 | |
| 51369 | - | 2.588 | |
| SPJEID | - | 768 | |
| SP3011 | - | 280 | |

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ## Refusal = SP #1 @ 4'-R Resamples= SP #1 @ Sb or SW #1b Stockpile = Stockpile #1

Sidewall = SW #1 etc

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

GPS Sample Points, Center of Comp Areas

Floor = FL #1 etc

Appendix C Photographic Log

Photographic Log

| Photo Number: | DIRECTION 32.32344°N ACCURACY 5 |
|-------------------------------|---|
| 1 | 287 deg(T) 103.64369°W DATUM WGS |
| Photo Direction: | |
| West-Northwest | |
| Photo Description: | |
| Point of release. | <image/> |
| Photo Number: | DIRECTION 32.32342°N ACCURACY 5 254 deg(T) 103.64374°W DATUM WGS |
| 2 | DIRECTION 32.32342°N ACCURACY 5 254 deg(T) 103.64374°W DATUM WGS |
| Photo Direction: | |
| West-Southwest | |
| Photo Description: | turt it |
| View of the affected area. | Context Can |

Photographic Log










•

Appendix D Laboratory Analytical Reports



May 30, 2023

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: URRACA BOOSTER PUMP

Enclosed are the results of analyses for samples received by the laboratory on 05/25/23 13:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: NH 1 @ SURFACE (H232668-01)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.10 | 105 | 2.00 | 3.02 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.04 | 102 | 2.00 | 1.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.13 | 106 | 2.00 | 1.54 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.33 | 106 | 6.00 | 3.29 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 103 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 121 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: NH 1 @ 1' (H232668-02)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.10 | 105 | 2.00 | 3.02 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.04 | 102 | 2.00 | 1.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.13 | 106 | 2.00 | 1.54 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.33 | 106 | 6.00 | 3.29 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 107 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 124 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: EH 1 @ SURFACE (H232668-03)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.10 | 105 | 2.00 | 3.02 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.04 | 102 | 2.00 | 1.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.13 | 106 | 2.00 | 1.54 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.33 | 106 | 6.00 | 3.29 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 % | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 192 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.3 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 % | 6 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: EH 1 @ 1' (H232668-04)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.10 | 105 | 2.00 | 3.02 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.04 | 102 | 2.00 | 1.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.13 | 106 | 2.00 | 1.54 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.33 | 106 | 6.00 | 3.29 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 108 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 117 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: SH 1 @ SURFACE (H232668-05)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.10 | 105 | 2.00 | 3.02 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.04 | 102 | 2.00 | 1.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.13 | 106 | 2.00 | 1.54 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.33 | 106 | 6.00 | 3.29 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | 13.2 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 118 9 | 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: SH 1 @ 1' (H232668-06)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.10 | 105 | 2.00 | 3.02 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.04 | 102 | 2.00 | 1.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.13 | 106 | 2.00 | 1.54 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.33 | 106 | 6.00 | 3.29 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 120 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: SH 2 @ SURFACE (H232668-07)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH/ | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.10 | 105 | 2.00 | 3.02 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.04 | 102 | 2.00 | 1.04 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.13 | 106 | 2.00 | 1.54 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.33 | 106 | 6.00 | 3.29 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 97.1 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: SH 2 @ 1' (H232668-08)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 92.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 107 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: WH 1 @ SURFACE (H232668-09)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.8 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: WH 1 @ 1' (H232668-10)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | 'kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 111 9 | 6 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: WH 2 @ SURFACE (H232668-11)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.4 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 113 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: WH 2 @ 1' (H232668-12)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 110 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: V 1 @ SURFACE (H232668-13)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 6000 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | 765 | 10.0 | 05/25/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | 156 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 88.2 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 122 9 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/23/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: V 1 @ 3' - R (H232668-14)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1410 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/26/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | 83.5 | 10.0 | 05/26/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | 18.0 | 10.0 | 05/26/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 87.2 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: V 2 @ SURFACE (H232668-15)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 107 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 5520 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 14.2 | 10.0 | 05/26/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | 1600 | 10.0 | 05/26/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | 360 | 10.0 | 05/26/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 116 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 135 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/23/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: V 2 @ 2' - R (H232668-16)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 4880 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 12.3 | 10.0 | 05/26/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | 3790 | 10.0 | 05/26/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | 875 | 10.0 | 05/26/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 101 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 141 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/23/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: V 3 @ SURFACE (H232668-17)

| BTEX 8021B | mg/ | kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 320 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/26/2023 | ND | 189 | 94.5 | 200 | 2.28 | |
| DRO >C10-C28* | 295 | 10.0 | 05/26/2023 | ND | 207 | 103 | 200 | 8.25 | |
| EXT DRO >C28-C36 | 89.3 | 10.0 | 05/26/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 100 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 126 9 | % 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/23/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: V 3 @ 2' - R (H232668-18)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 7800 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 206 | 103 | 200 | 0.931 | |
| DRO >C10-C28* | 74.0 | 10.0 | 05/25/2023 | ND | 212 | 106 | 200 | 1.07 | |
| EXT DRO >C28-C36 | 13.6 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 105 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 122 9 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: V 4 @ SURFACE (H232668-19)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 12400 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 206 | 103 | 200 | 0.931 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 212 | 106 | 200 | 1.07 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 106 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 116 9 | 49.1-14 | 8 | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: V 4 @ 2' - R (H232668-20)

| BTEX 8021B | mg/ | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 206 | 103 | 200 | 0.931 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 212 | 106 | 200 | 1.07 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 118 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 129 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: V 5 @ SURFACE (H232668-21)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.21 | 111 | 2.00 | 2.06 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 108 | 2.00 | 2.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.11 | 106 | 2.00 | 1.78 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.41 | 107 | 6.00 | 1.54 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 18800 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 206 | 103 | 200 | 0.931 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 212 | 106 | 200 | 1.07 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 108 9 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 119 9 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: V 5 @ 2' - R (H232668-22)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.06 | 103 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.09 | 105 | 2.00 | 5.06 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 109 | 2.00 | 4.68 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.39 | 106 | 6.00 | 5.17 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 206 | 103 | 200 | 0.931 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 212 | 106 | 200 | 1.07 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 110 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 120 \$ | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: WH 3 @ SURFACE (H232668-23)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.06 | 103 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.09 | 105 | 2.00 | 5.06 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 109 | 2.00 | 4.68 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.39 | 106 | 6.00 | 5.17 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | 'kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 206 | 103 | 200 | 0.931 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 212 | 106 | 200 | 1.07 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 113 9 | 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 124 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 05/25/2023 | Sampling Date: | 05/22/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 05/30/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: WH 3 @ 1' (H232668-24)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.06 | 103 | 2.00 | 3.82 | |
| Toluene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.09 | 105 | 2.00 | 5.06 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/25/2023 | ND | 2.17 | 109 | 2.00 | 4.68 | |
| Total Xylenes* | <0.150 | 0.150 | 05/25/2023 | ND | 6.39 | 106 | 6.00 | 5.17 | |
| Total BTEX | <0.300 | 0.300 | 05/25/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 05/25/2023 | ND | 416 | 104 | 400 | 3.77 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/25/2023 | ND | 206 | 103 | 200 | 0.931 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/25/2023 | ND | 212 | 106 | 200 | 1.07 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/25/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 104 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 114 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|-------|--|
| QM-07 | The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500CI-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 67 of 88

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 27 of 29

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

| Company Name | Etech Environmental & Sa | fety Solutions | | | | | | B | ILL TO | | 1 | | | 1 | ANAL | YSIS | REC | QUES | Т | |
|------------------|---------------------------------------|----------------|--------|---------------------------|------|--------|---------|--------------------------|------------|--------|------------|-------|-----------|---|------|------|-----|------|---|-------|
| Project Manage | r: Joel Lowry | | | | | | P.O. | #: | Solar | S | | | | | | | | | | |
| Address: 310 | 0 Plains Hwy | | | | | | Con | npany: | | | 1 | | | | | | | | | |
| City: Lovingto | on State: N | NM Zi | p: | 88260 |) | | Attn | : (* | #N/A | | 1 | | | | | | | | | |
| Phone #: 575 | | 575-396-1429 | | | | | Add | ress: P. | O. Box 301 | | 1 | | | | | | | | | |
| Project #: 179 | | | | Solar | is | | City | : Lovin | gton | | 1 | | | | | | | | | |
| | Urraca Booster Pump | | | | | | Stat | e: NM | Zip: 8826 | 0 | | () (| | | | | | | | |
| Project Location | | MM | - | | | | Pho | ne #: 57 | 5-396-2378 | | | | | | | | | | | |
| Sampler Name: | · · · · · · · · · · · · · · · · · · · | 6.7 | | | | | Fax | #: 575-3 | 96-1429 | | | | | | | | | | | |
| FOR LAB USE ONLY | - Orot Pitte | | Т | | MATR | iX | F | RESER | SAMPL | ING | 1 | | | | | | | | | |
| Lab I.D. | Sample I.D. | GRAB OR (C)OMP | NTAINE | GROUNDWATER WASTEWATER | SOIL | SLUDGE | OTHER : | ACID/BASE: ICE / COOL | DATE | TIME | Chloride - | ТРН | BTEX 8021 | | | | | | | |
| 1 | NHI @ Surface | G | - 1 | | X | | | K | 5mp3 | 10:15 | X | X | X | | | | | | | |
| 2 | NUIRI | G | 1 | | X | | | X. | 512/3 | 16:30 | x | n | X | | | | | | | _ |
| 3 | | G | | | K | | | X | 5722/23 | 10:45 | X | X | 2 | | | _ | | - | | _ |
| 4 | EHIQI | G | 1 | | X | | | X | Trin | 1200 | K | X | X | | _ | | | | | |
| | SHIQ Surface | G | 1 | | X | | | X | 5/242 | 11-15 | X | X | r | | _ | | | | | _ |
| 4 | SHIGI | G | 1 | | X | | | X | 5/12/2) | 1:70 | X | K | 20 | | | | | | | |
| 7 | SH2@surfucy | G | 1 | | X | | | X | Shaps | 11.45 | X | x | 4 | | | - | | | - | _ |
| 8 | SHEE! WHIE SUILU | A G | 1 | | X | - | | X | 5/72/13 | 12:00 | X | X | 20 | | | - | | - | | |
| 9 | WHIG SUIRC | 0 | 4 | | X | - | - | X | 5/22/2 | 19:0 | X | K | X | | - | | - | - | - | |
| ID | WHICI' | 1 | 1 | | N | | | P | Sher | 111.50 | 1 | K | In | | - | | | | | |

PLEASE HOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing whether based in contract or tort, shall be limited to the amount gala by the client for the analyses. All claims including those for negligence and any other cause whitesover shall be deemed wared unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall cardinal be liable for incidental consequently dramages, including without limitations, loss of use, or loss of profils incurred by client, its sublatiliaries, and profile incidental by client or consequently dramages, including without limitations, loss of use, or loss of profils incurred by client, its sublatiliaries, and profile incidental by client or consequently dramages, including without limitations and profile incurred by client, its sublations is and profile incidental by client or consequently dramages, including without limitations and profile incurred by client, its sublation and the applicable service. In no event shall cardinal be indeed by the service of the applicable service. In the service of the service of the applicable service. In the service of the

| Relinguished By: / / / / Date: 2 Received By: | Phone Result: |
|--|--------------------------------|
| Relinquished By: | REMARKS: Email results to #N/A |
| Time: | |
| Delivered By: (Circle One) ##13 Sample Condition CHECKED BY: Sampler - UPS - Bus - Other: -9.3 c/-9.9 c Pres Ves No No No No | |

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

FORM-006 R 2.0

Received by OCD: 2/20/2024 11:46:47 AM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 28 of 29

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

| Project Manager: Joel Lowry P.O. #: Jolar IS Address: 3100 Plains Hwy Company: Company: <th>REQUEST</th> <th>ALYSIS</th> <th>AN</th> <th></th> <th></th> <th></th> <th>BILL TO</th> <th>ns</th> <th>afety Solution</th> <th>Etech Environmental & S</th> <th>Company Name:</th> | REQUEST | ALYSIS | AN | | | | BILL TO | ns | afety Solution | Etech Environmental & S | Company Name: |
|--|---------|--------|----|-----------|-----|----------|--|---|----------------|-------------------------|------------------|
| Address: 3100 Plains Hwy Company: Company: Reconstruction City: Lovington State: NM Zip: 88260 Attn: #N/A Phone #: 575-396-2378 Fax #: 575-396-1429 Address: P.O. Box 301 Project #: 17918 Project Owner: Solaris City: Lovington Project #: 17918 Project Owner: Solaris City: Lovington Project Mame: Urrace Booster Pump State: NM Zip: 88260 Project Location: RV/A: Law Co., NM Phone #: 575-396-2378 Sampler Name: M.O. W. Fax #: 575-396-2378 Sampler Name: M.O. W. Reserver SAMPLING VILABURE ON Y Image: Sample Name M.O. W. PRESERV SAMPLING H2332668 Image: Sample Name Image: Sample Name Sample Name Sample Name Sample Name M.W-ZO Surface G Image: Sample Name Sample Name Sample Name Sample Name M.W-ZO Surface G Image: Sample Name Sample Name | | TT | | | | | P.O. #: 50/Aris | | | : Joel Lowry | Project Manager |
| Phone #: 575-396-2378 Fax #: 575-396-1429 Address: P.O. Box 301 Project #: 17918 Project Owner: Solaris City: Lovington Project Name: Urraca Booster Pump State: NM Zip: 88260 Project Location: RV/k Lew Co., N/M Phone #: 575-396-2378 Sampler Name: Minut Ray #: State: NM Zip: 88260 Project Location: RV/k Lew Co., N/M Phone #: 575-396-1429 For LAB USE ONLY MATRIX PRESERV SAMPLING I Hab Romon #: State: NM Zip: 88260 POR LAB USE ONLY MATRIX PRESERV SAMPLING Idea Romon #: State: NM Zip: 8260 Provide Romon #: State: NM Zip: 8260 Provide Matrix PRESERV SAMPLING Idea Romon #: State: NM Date Time Idea Romon #: State: S | | 1 1 | | | | 1 | | | |) Plains Hwy | Address: 310 |
| Project #: 17918 Project Owner: Solaris City: Lovington Project Name: Urraca Booster Pump State: NM Zip: 88260 Project Location: RV/m. Lew Co., NM Phone #: 575-396-2378 Sampler Name: Mark Row Project Location: RV/m. Lew Co., NM Port LAB USE ONLY Mark Rample I.D. Mark PRESERV SAMPLING N Lab I.D. Sample I.D. Bample Sate: Gainer Sate: Gainer Sate: Sample Sate: | | | | | | | Attn: #N/A | Zip: 88260 | NM 7 | n State: | ity: Lovingto |
| Project Name: Urraca Booster Pump State: NM Zip: 88260 Project Location: RVAL Len Co., NM Phone #: 575-396-2378 Sampler Name: MI, WL Rowing Fax #: 575-396-1429 For LAB USE ONLY MATRIX PRESERV SAMPLING For LAB USE ONLY MATRIX PRESERV SAMPLING Lab I.D. Sample I.D. MATRIX PRESERV SAMPLING H2332668 GI N Size NM Size NM Size NM // SM2C@ Sv: flace GI N Size NM Size NM Size NM // SM2C@ Sv: flace GI N Size N/S Size N/S Size N/S // SM2C@ Sv: flace GI N Size N/S Size N/S Size N/S // SM2C@ Sv: flace GI N Size N/S Size N/S Size N/S // SM2C@ Sv: flace GI N Size N/S Size N/S Size N/S // SM2C@ Sv: flace GI N Size N/S Size N/S Size N/S | | | | | | 14 | Address: P.O. Box 301 | 29 | 575-396-142 | 396-2378 Fax #: | hone #: 575- |
| Project Location: RV/AL Len CO, NM Phone #: 575-396-2378 Sampler Name: MIDUL RGM1002 Fax #: 575-396-2378 FOR LAB USE ONLY Lab I.D. Sample I.D. US SUBJECT ON SAMPLING US SAM | | | | _ | | | City: Lovington | Solaris | Owner: | 18 Project | Project #: 179 |
| Sampler Name: MINUL Kowikor FOR LAB USE ONLY Image: Sample I.D. Image: Sample I.D. Lab I.D. Sample I.D. Image: Sample I.D. HD332668 Image: Sample I.D. Image: Sample I.D. Image: Sample I.D. Image: Sample I. | | | | | | | State: NM Zip: 88260 | | ٨ | Urraca Booster Pump | Project Name: |
| Sampler Name: MINUL Kowikor FOR LAB USE ONLY Image: Sample I.D. Image: Sample I.D. Lab I.D. Sample I.D. Image: Sample I.D. HD332668 Image: Sample I.D. Image: Sample I.D. Image: Sample I.D. Image: Sample I. | | | | | | | Phone #: 575-396-2378 | | NM | : Rural Len Co. | Project Location |
| HOR LABUSE ONLY MATRIX PRESERV. SAMPLING I Lab I.D. Sample I.D. HWO(3) NO BYTE HATRIX PRESERV. SAMPLING HD332/668 Sample I.D. HUO BYTE HUO BYTE HUO BYTE HUO BYTE HD332/668 Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte HD322/668 Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte Image: Strange Byte I | | | | | | | Fax #: 575-396-1429 | | 01_ | Minzel Ramie | |
| Lab I.D. Sample I.D. NORMALINE UNIVERSITY OF LATE TIME BUILD ATE TIME ATE T | | | | | | 1 | PRESERV. SAMPLING | MATRIX | | 0 | FOR LAB USE ONLY |
| 12 where "GI & X 5/22/23 :00 X X K 13 VI@ SUSFace GI X X S/22/23 :15 X X X | | | | BTEX 8021 | TPH | Chloride | OTHER: ACIDIBASE: ICE / COOL OTHER: AMIL | (G)RAB OR (C)OA # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE | | Sample I.D. | |
| | | | _ | X | Y | X | | | | JH2 @ Surface | 11 |
| | | | | K | X | TA | X 5/22/23 1:00 | GIS | K | WHER I' | 12 |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | + | | R | 7 | X | × 5/22/231.15 | | | VIQ Sustace | 13 |
| 15 V2 @ Surface @ 1 A 5/22/12 . D X X X 14 V2 @ 2-R G 1 A S 5/23/0 10:45 X X X | | | | A | 3 | X | 5/23/23 10.30 | GII V | | A A AL | 14 |
| 14 V2 C-K GIN VISK X | | - | | X | 1 | 3 | 6/22/CI DO | | | | 15 |
| Thurson of a contraction of the second states with the second sec | | + + | | X | 7 | 7 | | 21 | - | | 14 |
| 17 V3@ 50 56 a G X X X X X X X X X X X X X X X X X X | | | | D | - | X | | 21 0 | - E | | 10 |
| 18 N3@ 2'-R GI X & X X X 19 N9 @ Surface GI X & X X X X | | | | V | 3 | X | \$ 5/22/25 1:45 | CI X | | Va D Surley | 10 |
| 20 VY BZ'-R GII X X 5/2/27 200 X X X | | | | X | X | 4 | V 5/2/2 2:00 | GI X | - | VY DZ'-R | 20 |

enables. All claims including these for negligence and any other secondarie (interest) to any claim and unders water and control of the applicable analyses. All claims including these for negligence and any other cause which be dearned valued unders made in writing and received by Cardinal within 30 days after compation of the applicable service. In no event shall Cardinal to fable for includents or consequents' demager, including without firstartur, dustriess interruptions, floss of use, or loss of profits incurred by client, its subolidation.

affiliates or successors arising gut of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise Date: 5-25-23 Time: Phone Result: Yes O No Add'l Phone #: Relinguished By Received By: Fax Result: O Yes D No Add'I Fax #: **REMARKS:** Email results to #N/A 1310 **Relinguished By** Date: received Time: Delivered By: (Circle One) CHECKED BY: Sample Condition Cool Intact (Initials) Ves Ves Sampler - UPS - Bus - Other: Ð 3 C

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0



101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST





PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cayle whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completions of the applicable

service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

affiliates or successors arising out of or related to the performan of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise **Relinguished By:** Date: 5-25-2 Received By Phone Result: □ Yes O No Add'l Phone #: O No Fax Result: Yes Add'l Fax #: Time: 1310 **REMARK5:** Email results to **#N/A Relinquished By:** Date: Received By: Time: Delivered By: (Circle One) CHECKED BY: Sample Condition (Initials) Cool Intact Ves Yes Sampler - UPS - Bus - Other: 3 п No No

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476 FORM-006 R 2.0

Received by OCD: 2/20/2024 11:46:47 AM

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October 10, 2023

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: URRACA BOOSTER PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/04/23 16:44.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 10/04/2023 | Sampling Date: | 10/04/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 10/10/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Shari Cisneros |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: SP 2 @ 4 (H235413-01)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.10 | 105 | 2.00 | 4.23 | |
| Toluene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.11 | 105 | 2.00 | 4.40 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.00 | 100 | 2.00 | 3.97 | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2023 | ND | 6.00 | 100 | 6.00 | 3.65 | |
| Total BTEX | <0.300 | 0.300 | 10/06/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3200 | 16.0 | 10/06/2023 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/05/2023 | ND | 216 | 108 | 200 | 3.49 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/05/2023 | ND | 212 | 106 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/05/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 90.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 103 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 10/04/2023 | Sampling Date: | 10/04/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 10/10/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Shari Cisneros |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: SP 2 @ 7 (H235413-02)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.10 | 105 | 2.00 | 4.23 | |
| Toluene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.11 | 105 | 2.00 | 4.40 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.00 | 100 | 2.00 | 3.97 | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2023 | ND | 6.00 | 100 | 6.00 | 3.65 | |
| Total BTEX | <0.300 | 0.300 | 10/06/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 97.2 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 10/06/2023 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/05/2023 | ND | 216 | 108 | 200 | 3.49 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/05/2023 | ND | 212 | 106 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/05/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 93.6 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 106 9 | % 49.1-14 | 8 | | | | | | |

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager


Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 10/04/2023 | Sampling Date: | 10/04/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 10/10/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Shari Cisneros |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: SP 3 @ 4 (H235413-03)

| BTEX 8021B | mg/ | ′kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.10 | 105 | 2.00 | 4.23 | |
| Toluene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.11 | 105 | 2.00 | 4.40 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.00 | 100 | 2.00 | 3.97 | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2023 | ND | 6.00 | 100 | 6.00 | 3.65 | |
| Total BTEX | <0.300 | 0.300 | 10/06/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 96.9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | ′kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 3360 | 16.0 | 10/06/2023 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | ′kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/05/2023 | ND | 216 | 108 | 200 | 3.49 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/05/2023 | ND | 212 | 106 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/05/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 98.5 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 112 9 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 10/04/2023 | Sampling Date: | 10/04/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 10/10/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Shari Cisneros |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: SP 3 @ 11 (H235413-04)

| BTEX 8021B | mg/ | /kg | Analyze | d By: MS | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.10 | 105 | 2.00 | 4.23 | |
| Toluene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.11 | 105 | 2.00 | 4.40 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/06/2023 | ND | 2.00 | 100 | 2.00 | 3.97 | |
| Total Xylenes* | <0.150 | 0.150 | 10/06/2023 | ND | 6.00 | 100 | 6.00 | 3.65 | |
| Total BTEX | <0.300 | 0.300 | 10/06/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 96.3 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 256 | 16.0 | 10/06/2023 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/05/2023 | ND | 216 | 108 | 200 | 3.49 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/05/2023 | ND | 212 | 106 | 200 | 1.21 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/05/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 95.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 109 9 | % 49.1-14 | 8 | | | | | | |

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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| age | ARDINAL LABORATORIES | |
| a. | 101 Fast Marland Hobbs NM 8824 | 1 |

Rec

CHAIN-OF-CUSTODY, AND ANALYSIS REQUEST

| (575) 393-2326 FAX (575) 393-2476 Company Name: Etech Environmental & Safety Solutions, Inc. | | 11. 70 | 4.1 | | ANALYSIS REQUEST |
|---|--|---|----------------------------|--------------|--------------------------------|
| | P.O. #: | | | TT | ANALISIS REQUEST |
| Project Manager: JOEL LOW(Y Address: 2617 West Marland | | | | | |
| | Company S | | | | |
| City: Hobbs State: NM Zip: 88240 | Attn: Rok | KIKK | | | |
| Phone #: (575) 264-9884 Fax #: | Address: | - | | | |
| Project #: 17918 Project Owner: Solar | City: | - 1212L | | | |
| Project Name: Urraca Booster | State: | Zip: | Chloride TPH (8015M) | BTEX (8021B) | |
| Project Location: Rural Eunice NM | Phone #: | - 1.50 | Chloride H (8015) | (80 | |
| Sampler Name: Dominic Casarez | Fax #: | 1 Salario | 5 H | 1 ě | |
| FOR LAB USE ONLY | MATRIX PRESERV | SAMPLING | F | 6 | |
| Lab I.D. Sample I.D. Supple I.D. $H 2354B$ $DC 1$ $5f2 @ 4$ C I $DC 1$ $5f2 @ 4$ C I I 3 $5f2 @ 4$ C I I $4000000000000000000000000000000000000$ | SOIL SUDGE SLUDGE OTHER: ACID/BASE: CE / COOL | | | | |
| | | | | | |
| | | 1 | A | | |
| LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whe naivyses. All claims including those for negligence and any other cause whatboower shall be deemed waived whe ervice. Is no event shall Cardinal be liable for incidential or consequential demages, including without limitation, by filiates or accesses relating out of or related to the performance of evendoes hervices by Cardinal, regardless Relinquished By: Date: Received | made in writing and received by Cardinal nees interruptions, loss of use, or loss of p hether such claim is based upon any of th | dhin 30 days aller compieton of the offic incurved by client, its subsidiari | e applicable ies, e. | res 🗆 No | Add'l Phone #: |
| Relinquished By: | Cineras | | t: 0 1 | | |
| 110 | | Please er (ED BY: (als)) | mail ¢opy | of COC a | nd results to pm@etechenv.com. |

0.0.010



October 18, 2023

JOEL LOWRY Etech Environmental & Safety Solutions 2617 W MARLAND HOBBS, NM 88240

RE: URRACA BOOSTER PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/12/23 14:52.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 10/12/2023 | Sampling Date: | 10/04/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 10/18/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: SP - 1 @ 4' (H235584-01)

| BTEX 8021B | mg, | /kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Benzene* | <0.050 | 0.050 | 10/14/2023 | ND | 1.94 | 97.0 | 2.00 | 0.799 | |
| Toluene* | <0.050 | 0.050 | 10/14/2023 | ND | 1.93 | 96.6 | 2.00 | 4.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/14/2023 | ND | 2.03 | 102 | 2.00 | 5.34 | |
| Total Xylenes* | <0.150 | 0.150 | 10/14/2023 | ND | 6.10 | 102 | 6.00 | 5.33 | |
| Total BTEX | <0.300 | 0.300 | 10/14/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9 | % 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg, | /kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| Chloride | 3080 | 16.0 | 10/13/2023 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg, | /kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifie |
| GRO C6-C10* | <10.0 | 10.0 | 10/12/2023 | ND | 180 | 90.1 | 200 | 2.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/12/2023 | ND | 200 | 100 | 200 | 2.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 77.7 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 87.1 | % 49.1-14 | 8 | | | | | | |

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

Etech Environmental & Safety Solutions JOEL LOWRY 2617 W MARLAND HOBBS NM, 88240 Fax To:

| Received: | 10/12/2023 | Sampling Date: | 10/04/2023 |
|-------------------|-----------------------------|---------------------|----------------|
| Reported: | 10/18/2023 | Sampling Type: | Soil |
| Project Name: | URRACA BOOSTER PUMP | Sampling Condition: | Cool & Intact |
| Project Number: | 17918 | Sample Received By: | Tamara Oldaker |
| Project Location: | SOLARIS - RURAL LEA CO., NM | | |

Sample ID: SP - 1 @ 11' (H235584-02)

| BTEX 8021B | mg/ | 'kg | Analyze | d By: JH | | | | | |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 10/14/2023 | ND | 1.94 | 97.0 | 2.00 | 0.799 | |
| Toluene* | <0.050 | 0.050 | 10/14/2023 | ND | 1.93 | 96.6 | 2.00 | 4.70 | |
| Ethylbenzene* | <0.050 | 0.050 | 10/14/2023 | ND | 2.03 | 102 | 2.00 | 5.34 | |
| Total Xylenes* | <0.150 | 0.150 | 10/14/2023 | ND | 6.10 | 102 | 6.00 | 5.33 | |
| Total BTEX | <0.300 | 0.300 | 10/14/2023 | ND | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID | 109 9 | 71.5-13 | 4 | | | | | | |
| Chloride, SM4500Cl-B | mg/ | kg | Analyze | d By: AC | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 896 | 16.0 | 10/13/2023 | ND | 432 | 108 | 400 | 3.64 | |
| TPH 8015M | mg/ | kg | Analyze | d By: MS | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 10/12/2023 | ND | 180 | 90.1 | 200 | 2.85 | |
| DRO >C10-C28* | <10.0 | 10.0 | 10/12/2023 | ND | 200 | 100 | 200 | 2.82 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 10/12/2023 | ND | | | | | |
| Surrogate: 1-Chlorooctane | 91.0 | % 48.2-13 | 4 | | | | | | |
| Surrogate: 1-Chlorooctadecane | 102 9 | 49.1-14 | 8 | | | | | | |

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*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

| Company Name: Solaris Water Midstream, LLC | | BILL TO | ANALYSIS REQUEST | - |
|---|--|--|------------------|---|
| Project Manager: Joel Lowry | | P.O. #: | | |
| Address: 2617 W Marland Blvd | | Company: Solaris Midstream | | |
| City: Hobbs State: NM Zip: | 88240 | Attn: Rob Kirk | | |
| Phone #: 575-396-2378 Fax #: 575-396-1429 | vvater wildstream, | Address: | | |
| Project #: 17918 Project Owner: | LLC | City: | | |
| Project Name: Urraca Booster Pump | | State: Zip: | | |
| Project Location: UL/ Sec TS-RE - Lea Count | ty-Rura | Éhone #: | | |
| Sampler Name: Dominic Casarez | 0 | Fax #: | | |
| FOR LAB USE ONLY | MATRIX | PRESERV. SAMPLING | | |
| Lab I.D. Sample I.D. 4001 | GROUNDWATER WASTEWATER SoiL OIL SLUDGE | OTHER: ACID/BASE: ICE / COOL OTHER | BTEX 8021 | |
| SP - 1 @ 4' G 1 | X | X 10/4/23 | | |
| 2 SP-1@11' G 1 | X | X (10/4/23 | | |
| | | | | - |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | or fort, shall be limited to the amount paid by the client f | | |

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service, in no event shall carbinate to make for understand to consequence and any services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

| Relinquished By: Tamarah Kendrick | Date: 12 2 Red | ceived By: | | Phone Result: Fax Result: | | | Add'l Phone #: Add'l Fax #: | - |
|--------------------------------------|--------------------------|-------------------------|---------------------------|------------------------------|---------------|-------------------|--------------------------------|---|
| Relinquished By: | Time: 52 Date: Rei | ceived By: | Illigge | REMARKS: | Email results | s _i to | pm@etechenv.com | |
| | Time: | | 7 | r | | | | |
| Delivered By: (Circle One) | #14 | COOL IIItaci | CHECKED BY: (Initials) | | | | | |
| Sampler - UPS - Bus - Other: | -7.1c | Yes Yes | 1.0, | 4 | | 1 | | |
| + Cardinal cannot accout verbal | changes Please tax writh | en changes to 575-393-2 | 475 | | | | | |

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-24 FORM-006 R 2.0

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources **Oil Conservation Division** 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 315971

| Operator: | OGRID: |
|------------------------------|--|
| SOLARIS WATER MIDSTREAM, LLC | 371643 |
| 9651 Katy Fwy | Action Number: |
| Houston, TX 77024 | 315971 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

QUESTIONS

QUESTIONS

| Prerequisites | uisites | | |
|------------------|--|--|--|
| Incident ID (n#) | nAPP2310130251 | | |
| Incident Name | NAPP2310130251 URRACA BOOSTER PUMP @ 0 | | |
| Incident Type | Produced Water Release | | |
| Incident Status | Remediation Plan Received | | |
| | | | |

Location of Release Source

| ase answer all the questions in this group. | | |
|---|---------------------|--|
| Site Name | URRACA BOOSTER PUMP | |
| Date Release Discovered | 04/10/2023 | |
| Surface Owner | Federal | |

Incident Details

| Please answer all the questions in this group. | ar all the questions in this group. | | |
|---|-------------------------------------|--|--|
| Incident Type | Produced Water Release | | |
| Did this release result in a fire or is the result of a fire | No | | |
| Did this release result in any injuries | No | | |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No | | |
| Has this release endangered or does it have a reasonable probability of endangering public health | No | | |
| Has this release substantially damaged or will it substantially damage property or the environment | No | | |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No | | |

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

| Crude Oil Released (bbls) Details | Not answered. |
|---|---|
| Produced Water Released (bbls) Details | Cause: Equipment Failure Pump Produced Water Released: 51 BBL Recovered: 10 BBL Lost: 41 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | Yes |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Not answered. |

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District IV

SOLARIS WATER MIDSTREAM, LLC

| QUESTIONS (continued) | | | |
|-----------------------|----------------|--|--|
| | OGRID: | | |
| | 371643 | | |
| | Action Number: | | |
| | 315971 | | |
| | Action Type: | | |

[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

| Nature and Volume of Release (continued) | | |
|--|---|--|
| | Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| ſ | Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| | Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| | With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e | . gas only) are to be submitted on the C-129 form. |

| Initial Response | | |
|---|--|--|
| ne responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury. | | |
| The source of the release has been stopped | True | |
| The impacted area has been secured to protect human health and the environment | True | |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True | |
| All free liquids and recoverable materials have been removed and managed appropriately | True | |
| If all the actions described above have not been undertaken, explain why | Not answered. | |
| | iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission. | |
| 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 require 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 be 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. | | |
| I hereby agree and sign off to the above statement | Name: Rob Kirk Title: VP- Environmental Compliance Email: rob.kirk@ariswater.com | |

Date: 02/20/2024

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| Operator: | OGRID: |
|------------------------------|---|
| SOLARIS WATER MIDSTREAM, LLC | 371643 |
| 9651 Katy Fwy | Action Number: |
| Houston, TX 77024 | 315971 |
| | Action Type: |
| | [C 141] Site Char / Perediction Plan C 141 (C 141 v Plan) |

OUESTIONS (continued)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs) | Between 500 and 1000 (ft.) | |
|--|----------------------------|--|
| What method was used to determine the depth to ground water | U.S. Geological Survey | |
| Did this release impact groundwater or surface water | No | |
| Vhat is the minimum distance, between the closest lateral extents of the release and the following surface areas: | | |
| A continuously flowing watercourse or any other significant watercourse | Between 1 and 5 (mi.) | |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 5 (mi.) | |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) | |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) | |
| Any other fresh water well or spring | Between 1 and 5 (mi.) | |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) | |
| A wetland | Greater than 5 (mi.) | |
| A subsurface mine | Between 1 and 5 (mi.) | |
| An (non-karst) unstable area | Between 1 and 5 (mi.) | |
| Categorize the risk of this well / site being in a karst geology | Low | |
| A 100-year floodplain | Greater than 5 (mi.) | |
| Did the release impact areas not on an exploration, development, production, or storage site | No | |

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date. Requesting a remediation plan approval with this submission Yes Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. Have the lateral and vertical extents of contamination been fully delineated Yes Was this release entirely contained within a lined containment area No Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) Chloride (EPA 300.0 or SM4500 CI B) 18800 TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) 4680 GRO+DRO (EPA SW-846 Method 8015M) 3800 BTEX (EPA SW-846 Method 8021B or 8260B) 0 (EPA SW-846 Method 8021B or 8260B) Benzene 0 Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation. On what estimated date will the remediation commence 03/08/2024 On what date will (or did) the final sampling or liner inspection occur 05/25/2023 On what date will (or was) the remediation complete(d) 03/08/2024 What is the estimated surface area (in square feet) that will be reclaimed 85823 What is the estimated volume (in cubic yards) that will be reclaimed 7947 What is the estimated surface area (in square feet) that will be remediated 85823 What is the estimated volume (in cubic yards) that will be remediated 7947 These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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| QUESTI | ONS (continued) |
|---|--|
| Operator: | OGRID: |
| SOLARIS WATER MIDSTREAM, LLC | 371643 |
| 9651 Katy Fwy | Action Number: |
| Houston, TX 77024 | 315971 |
| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |
| | |
| QUESTIONS | |
| Remediation Plan (continued) | |
| Please answer all the questions that apply or are indicated. This information must be provided to the | |
| This remediation will (or is expected to) utilize the following processes to remediate | / reduce contaminants: |
| (Select all answers below that apply.) | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | OWL LANDFILL JAL [fJEG1635837366] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |
| Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed eff which includes the anticipated timelines for beginning and completing the remediation. | forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, |
| to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a | snowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or |
| I hereby agree and sign off to the above statement | Name: Rob Kirk Title: VP- Environmental Compliance Email: rob.kirk@ariswater.com Date: 02/20/2024 |
| The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accors significantly deviate from the remediation plan proposed, then it should consult with the division to de | ordance with the physical realities encountered during remediation. If the responsible party has any need to etermine if another remediation plan submission is required. |

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| QUESTIONS (continued) | | |
|---|--|--|
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| | Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) | |

QUESTIONS

| Deferral Requests Only | |
|--|---|
| Only answer the questions in this group if seeking a deferral upon approval this submission. Each of | the following items must be confirmed as part of any request for deferral of remediation. |
| Requesting a deferral of the remediation closure due date with the approval of this submission | Νο |

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QUESTIONS (continued) Operator: OGRID: SOLARIS WATER MIDSTREAM, LLC 371643 9651 Katy Fwy Action Number Houston, TX 77024 315971 Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 321551 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/12/2024 |
| What was the (estimated) number of samples that were to be gathered | 150 |
| What was the sampling surface area in square feet | 40000 |
| | |

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed. Requesting a remediation closure approval with this submission No

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CONDITIONS

Action 315971

CONDITIONS

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| Houston, TX 77024 | 315971 |
| | Action Type: |
| | [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|---|-------------------|
| scott.rodgers | Remediation plan is approved under the following conditions: 1. Variance approved to limit excavation down to the calcrete rock layer (2 to 3') below grade. 2. Variance request to increase sampling frequency to 400 sq/ft per one five-point composite sample is approved. | 4/11/2024 |
| scott.rodgers | 3. Solaris (371643) is responsible for the remediation, reclamation, and revegetation of this release, it is the responsible party's duty to include letters from the pipeline operators who are requesting a "no excavation" buffer zone around their pipelines to take responsibility for any contamination left in place due to their buffer zone request. If the pipeline operators are unwilling to take responsibility for the contamination located within their requested buffer zones, the responsible party will be required to remediate, reclaim, and revegetate the release pursuant to 19.15.29 NMAC. Furthermore, pursuant to 19.15.29.7 C. NMAC, OCD may consider a person causing the release, or controlling the location of the release as the responsible party. If any pipeline operator refuses to allow the remediation, reclamation, and revegetation of this release, OCD reserves the right to hold the pipeline operator as the responsible party. | 4/11/2024 |
| scott.rodgers | 4. All other conditions in the remediation plan are approved. 5. Solaris has 90-days (07/10/2024) to submit its appropriate or final remediation closure report. | 4/11/2024 |