

2023 Annual Report

BMG Landfarm

OGRID: 2096

Facility ID: fEEM0112331470

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March 5, 2024

Brad Jones New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

RE: 2023 Landfarm Annual Monitoring and Sampling Report Permit # NM-02-0004 BMG's Centralized Surface Waste Management Facility Rio Arriba County, New Mexico

Dear Mr. Jones:

Between March and November 2023, Animas Environmental Services, LLC (AES) completed quarterly evaporation pond groundwater monitoring and sampling at the Benson-Montin-Greer Drilling Corporation (BMG) Centralized Surface Waste Management Facility (Landfarm), which is in the NW¼ NW¼ Section 20, T25N, R1E, Rio Arriba County, New Mexico. In addition, AES conducted soil sampling in August and November 2023 in accordance with 19.15.36.15 NMAC for treatment zone (TZ) soils and 19.15.26.20.A and 19.15.36.15 NMAC for vadose zone (VZ) soils.

A separate VZ confirmation sampling event was conducted in April-May 2023 and was summarized in the *Vadose Zone Confirmation Sample Results and Response Action Plan* report submitted in June 2023.

1.0 Site History

1.1 2008 Site Investigation

In April 2008, AES personnel confirmed the presence of liquid within the interstitial well at the Landfarm evaporation pond of the BMG Surface Waste Management Facility. Site investigation activities conducted in May 2008 confirmed that although the primary liner had failed, the integrity of the secondary liner was not compromised, and no release to the environment had occurred. As a precautionary measure, the New Mexico Oil Conservation Division (NMOCD) requested that four groundwater monitor wells (MW-1 through MW-4) be installed around the evaporation pond and monitored quarterly in conjunction with ongoing Landfarm sampling. BMG installed a replacement

624 E Comanche St, Farmington NM 87401 PO Box 8, Farmington, NM 87499 www.animasenvironmental.com Brad Jones 2023 Landfarm Monitoring and Sampling Report March 5, 2024; Page 2 of 8

69-mil high density polyethylene (HDPE) primary liner over the existing secondary liner in late September 2008.

1.2 Monitoring and Sampling, 2014 to 2022

Prior to 2022, AES personnel conducted quarterly groundwater and soil sampling at the facility between March 2014 and November 2022.

1.2.1 Background Sampling

On December 2, 2014, at the request of and in consultation with Brad Jones of the NMOCD, AES personnel collected three background soil composite samples which were intended to establish background conditions for VZ soils. These samples were collected from separate locations found outside active operations areas at the Landfarm. Note that when the Landfarm was originally permitted, background sampling consisted of a limited list of parameters.

Proposed background threshold concentrations were provided via email by Jim Griswold of NMOCD on October 7, 2016, and were subsequently accepted by BMG. Verbal confirmation by NMOCD of the proposed background action levels was made in June 2018. These action levels as well as background sample locations and concentrations were included in the 2014 through 2018 sampling reports.

1.2.2 Evaporation Pond Groundwater Monitoring and Sampling

Groundwater analytical results from monitor wells MW-1 through MW-4 (located around the evaporation pond) have remained below laboratory detection limits for benzene, toluene, ethylbenzene, and total xylenes (BTEX) and total petroleum hydrocarbons (TPH) for all sampling events between 2014 and 2022.

1.2.3 Landfarm Treatment Zone Sampling

Landfarm TZ samples had TPH concentrations below NMOCD Closure Action Levels for all events in Cells 1 and 4 and for several events in Cells 2 and 3. Chloride concentrations were below the applicable NMOCD Closure Action Level for all sampling events between 2014 and 2022.

1.2.4 Landfarm Vadose Zone Sampling

VZ analytical results reported concentrations exceeding the NMOCD approved background threshold concentrations in all cells for various parameters, including TPH and chlorides. Additional exceedances have also been noted for fluoride, nitrate, sulfate, arsenic, barium, chromium, copper, iron, lead, manganese, and zinc.

2.0 Evaporation Pond Groundwater Monitoring and Sampling, Q1 through Q4 2023

In accordance with the 2008 Sampling and Analysis Plan, groundwater monitoring and sampling of the evaporation pond monitor wells MW-1 through MW-4 (located around the perimeter of the evaporation pond) was conducted on:

- Q1 March 17, 2023;
- Q2 June 21, 2023;
- Q3 August 23, 2023; and,
- Q4 November 29, 2023.

Samples were not collected from the interstitial well due to low yield.

All groundwater samples were submitted for laboratory analysis at Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico, for the following parameters:

- BTEX per USEPA Method 8260 or 8021B or 8260B;
- TPH Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Motor Oil Range Organics (MRO) per USEPA Method 8015B;
- Chlorides per USEPA Method 300.0; and,
- Total Dissolved Solids (TDS) Standard Method 2540C.

Note that Hall was acquired in November 2023 and is now Eurofins Environmental Testing South Central, LLC of Albuquerque, New Mexico (Eurofins).

2.1 Groundwater Measurement Data

Prior to sample collection from the groundwater monitor wells, AES measured depth to water and recorded temperature, conductivity, dissolved oxygen (DO), pH, and oxidation reduction potential (ORP) for each well. The initial depth to water in the interstitial well was measured, then the well was bailed to remove any accumulated water. The depth to water was checked two more times during the sampling event to confirm that there was no recharge in the interstitial well. All data was recorded on Water Sample Collection Forms. A summary of water quality data is included in Table 1, water depths are found in Graphs 1 through 4, and Water Sample Collection Forms are included in the Appendix.

2.2 Laboratory Analytical Results

All laboratory analytical results for MW-1 through MW-4 during each sampling event were below laboratory detection limits for BTEX and TPH (GRO, DRO, and MRO).

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Chloride concentrations ranged from 48 milligrams per liter (mg/L) in MW-1 in March 2023 to 410 mg/L in November 2023 in MW-3. TDS levels varied from 638 mg/L in MW-4 in June 2023 to 1,240 mg/L in MW-3 in November. Laboratory analytical results for the monitor well groundwater samples are presented on Table 2, Graphs 1 through 4, and on Figure 1. Groundwater analytical laboratory reports are attached.

3.0 Landfarm Treatment Zone Sampling 2023

Although treatment zones in Cells 1 and 4 have met closure criteria specified in NMAC 19.15.36.15.F, BMG continued to sample these cells in 2023. BMG continues to till Cells 2 and 3 on a regular basis. Additionally, BMG has not added any contaminated soil to any of the Landfarm cells for at least 15 years, and a *Closure/Post-Closure Plan and Exception Request* for the facility was submitted on January 16, 2024.

3.1 Treatment Zone Sampling

In accordance with 19.15.36.15.D NMAC, on August 23, 2023 AES personnel resumed semi-annual collection of composite soil samples from the TZ from Cells 1 through 4 on August 23, 2023. Four discrete samples were collected from randomly selected locations in each cell and then composited to form one sample per cell. The samples were collected from 0.5- to 1-foot below the TZ surface. Sampling dates, periods, sample IDs, and analysis parameters are included as follows:

Treatment Zone Soil Sampling

| Cells Sampled | Sampling Date | Sampling Period | Sample ID | Parameter(s) and USEPA Method(s) |
|------------------|-----------------|--------------------|--|--|
| 1-4 | August 23, 2023 | SA2 2023 | Cell #1 TZ CS-1, Cell #2 TZ CS-1, Cell #3 TZ CS-1, Cell #4 TZ CS-1, | TPH GRO/DRO/MRO per Method 8015 M/D; Chloride per Method 300.0 |

3.2 Treatment Zone Analytical Results

3.2.1 August 2023

For the August 2023 sampling event, TPH and chloride laboratory analytical results were below NMOCD Closure Action Levels (19.15.36.15.F.1-4 NMAC) in all cells. Results are tabulated in Table 3, sample locations are presented on Figure 2, and laboratory analytical reports are included in the Appendix.

4.0 Landfarm Vadose Zone

In April and May 2023, AES performed an extensive sampling event for VZ soils in all four cells. The purpose of the VZ sampling was to address exceedances detected in periodic VZ sampling events between 2014 and 2022, which were reported to the NMOCD in a letter dated April 20, 2023. The results of this sampling event were reported to the NMOCD in the report titled *Vadose Zone Confirmation Sample Results and Response Action Plan*, dated June 6, 2023. The following sections describe the routine, periodic sampling events that were conducted in 2023.

4.1 Vadose Zone Sampling

In accordance with 19.15.36.20.A NMAC (Transitional Provisions) for the existing permit and 19.15.36.15.E.2 NMAC, AES personnel resumed quarterly, semi-annual, and annual collection of samples from the VZ in August 2023.

4.1.1 Quarterly Sampling

The permit and the transitional provisions outlined in NMAC 19.15.36.20.A specify quarterly sampling of the VZ at the facility. Samples are to consist of one random, discrete sample from each cell, which are to be analyzed for TPH and BTEX. AES collected quarterly samples on November 29, 2023, from each of the four cells (Cells #1 through #4) at depths of approximately 4.25 to 4.5 feet below the top of native ground surface. Each sample collection point was filled in with bentonite following sampling. The sampling date, period, cells, IDs, and analysis parameters are presented below.

4.1.1 Semi-Annual Sampling

19.15.36.15.E.2 NMAC requires semi-annual sampling of the VZ. Samples are to consist of four randomly selected, independent samples, which are to be analyzed for TPH, BTEX, and chlorides. AES collected semi-annual samples on August 23, 2023, from each of the four cells (Cells #1 through #4) at depths of approximately 4.25 to 4.5 feet below the top of native ground surface. Each sample collection point was filled in with bentonite following sampling. The sampling date, period, cells, IDs, and analysis parameters are presented below.

4.1.2 Annual Sampling

The permit and transitional provisions in NMAC 19.15.36.20 require annual sampling of the VZ, consisting of four randomly selected, independent samples to be analyzed for major cations/anions and Resource Conservation and Recovery Act (RCRA) 8 metals. The exceedance sampling event conducted in April and May 2023 fulfilled this requirement for 2023.

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| Sampling Period | Sampling Date | Sample ID | Parameter(s) and USEPA Method(s) |
|--|-----------------------------|--|---|
| Q2/SA1/Annual 2023/Exceedance Confirmation | April 24- May 2, 2023 | 94 discrete sample locations from Cells #1-4 | TPH per Method 418.1; Chloride, fluoride, nitrite, nitrate, and sulfate per Method 300.0; Ethylene dibromide per Method 8011/504.1; Phenols per Method 9066; Radium- 226 and radium-228 per Method 901.1; Mercury per Method 7471B; Volatile organic compounds (VOCs), including BTEX, per Method 8260B; pH per Method 9040C; Metals per Method 6010B/6020A; Polychlorinated biphenyls (PCBs) per Method 8082A; Cyanide per Method 9012B; Semivolatile organic compounds (SVOCs) per Method 8270-SIM |
| Q3/SA2 2023 | August 29, 2023 | Cell #1 VZ DS-1 Cell #2 VZ DS-1 Cell #3 VZ DS-1 Cell #4 VZ DS-1 | TPH GRO/DRO/MRO per Method 8015 M/D; BTEX per Method 8021; Chlorides per Method 300.0 |
| Q4 2023 | November 29, 2023 | Cell #1 VZ DS-1 Cell #2 VZ DS-1 Cell #3 VZ DS-1 Cell #4 VZ DS-1 | TPH GRO/DRO/MRO per Method 8015 M/D |

Vadose Zone Exceedance Confirmation, Quarterly, Semi-Annual, and Annual Sampling

Vadose zone laboratory analytical results from 2023 are summarized in Table 4. Sample locations are presented on Figure 3. Laboratory reports are presented in the Appendix.

4.2 Vadose Zone Sampling Results

- <u>BTEX</u> concentrations below laboratory detection limits in all samples;
- <u>TPH (as GRO/DRO/MRO)</u> no exceedances in all samples;
- and
- <u>Chloride</u> Cell #1 (290 mg/kg) exceedance in August.

The chloride exceedance detected in the sample from Cell #1 fits the pattern for chloride that is discussed in Section 6.1 of the January 2024 *Closure/Post-Closure Plan and Exception Request* for the facility. AES recommends that this chloride exceedance be treated as an outlier.

5.0 Conclusions and Recommendations

5.1 Conclusions

AES personnel conducted periodic groundwater and landfarm sampling at the BMG Surface Waste Management Facility in 2023. The interstitial well was also monitored for any indications of leaking from the evaporation pond.

Groundwater elevations at the site have remained relatively stable, with depth to groundwater at approximately 40 feet bgs. Laboratory analytical results from monitor wells MW-1 through MW-4 (located around the evaporation pond) have remained below laboratory detection limits for BTEX and TPH for all sampling events in 2023. Note that chloride concentrations have increased steadily over time in MW-3, with the highest concentration reported at 410 mg/L in November 2023; however, chloride concentrations have varied in MW-1, MW-2 and MW-4, appearing to have peaked in 2016 (MW-4) and 2019 (MW-1 and MW-2). Chloride concentrations in these wells were reported at 55 mg/L, 150 mg/L, and 110 mg/L, respectively, in November 2023.

Landfarm treatment zone samples had TPH, BTEX, and chloride concentrations below NMOCD Closure Action Levels in all cells.

Vadose zone analytical results reported concentrations exceeding the NMOCD approved background threshold concentration for chlorides in Cell #1.

5.2 Recommendations and Scheduled Activities

AES prepared and submitted a *Landfarm Closure/Post-Closure Plan and Exception Request* to NMOCD on January 10, 2024. As stated therein, the Closure/Post-Closure Plan is only for the landfarm portion of the facility, as BMG intends to continue using the existing evaporation pond. The exception request proposes alternative closure standards for several constituents present in the soils of the treatment zone and vadose zone.

Monitoring and sampling events are tentatively scheduled for February, May, August, and November 2024. The February sampling event will cover quarterly sampling for the monitor wells, quarterly monitoring of the interstitial well, semi-annual sampling of the treatment zone, and quarterly, semi-annual, and annual sampling parameters of the vadose zone.

If you have any questions regarding the site conditions or sampling results, please do not hesitate to contact Angela Todd at (720) 537-6650 or Elizabeth McNally at (505) 564-2281.

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Sincerely,

Angela Todd

Angela Todd, CHMM, PMP Senior Project Manager

Ulizabith V Mindly

Elizabeth McNally, P.E. Principal

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- Graph 4. MW-4 Groundwater Concentrations Over Time

Appendix

Water and Soil Sample Collection Forms and Laboratory Analytical Reports, 2023

Cc: Matt Dimond Benson-Montin-Greer Drilling Corporation 4900 College Blvd Farmington, NM 87402 Tables

TABLE 1 SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA BMG Landfarm, Rio Arriba County, New Mexico

| | Date | Top of Casing Elevation (ft | Depth to Water | Water Level Elevation | Temp. | Specific Conduct. | Dissolved Oxygen | | |
|-------------------|-----------|-----------------------------|----------------|-----------------------|--------------|-------------------|------------------|------|----------|
| Well ID | Measured | amsl) | (ft) | (ft amsl) | (°C) | (mS) | (mg/L) | pН | ORP (mV) |
| MW-1 | 17-Mar-23 | NS | 39.00 | -39.00 | 12.9 | 3.025 | 6.1 | 7.5 | 67.0 |
| MW-1 | 21-Jun-23 | NS | 39.00 | -39.00 | 13.8 | 1.153 | 7.2 | 7.1 | 57.7 |
| MW-1 | 23-Aug-23 | NS | 39.13 | -39.13 | 14.6 | 1.143 | 4.80 | 7.19 | 102.6 |
| MW-1 | 29-Nov-23 | NS | 39.32 | -39.32 | 12.7 | 1.107 | 4.19 | 7.17 | 110.3 |
| MW-2 | 17-Mar-23 | NS | 40.08 | -40.08 | 12.8 | 2.003 | 7.6 | 7.6 | 82.6 |
| MW-2 | 21-Jun-23 | NS | 40.05 | -40.05 | 12.4 | 1.149 | 8.9 | 7.4 | 69.2 |
| MW-2 | 23-Aug-23 | NS | 40.18 | -40.18 | 12.8 | 1.198 | 6.46 | 7.53 | 57.7 |
| MW-2 | 29-Nov-23 | NS | 40.39 | -40.39 | 11.6 | 1.252 | 5.21 | 7.21 | 111.8 |
| MW-3 | 17-Mar-23 | NS | 39.39 | -39.39 | 13.2 | 2.121 | 5.8 | 7.3 | 79.1 |
| MW-3 | 21-Jun-23 | NS | 39.34 | -39.34 | 13.6 | 1.847 | 8.4 | 7.3 | 69.5 |
| MW-3 | 23-Aug-23 | NS | 39.48 | -39.48 | 14.2 | 1.928 | 4.22 | 7.26 | 102.9 |
| MW-3 | 29-Nov-23 | NS | 39.67 | -39.67 | 12.0 | 2.029 | 3.25 | 7.05 | 98.7 |
| MW-4 | 17-Mar-23 | NS | 39.84 | -39.84 | 13.1 | 3.161 | 5.7 | 7.4 | 80.4 |
| MW-4 | 21-Jun-23 | NS | 39.82 | -39.82 | 12.8 | 1.174 | 7.3 | 7.2 | 61.7 |
| MW-4 | 23-Aug-23 | NS | 39.99 | -39.99 | 13.0 | 1.293 | 5.14 | 7.24 | 97.0 |
| MW-4 | 29-Nov-23 | NS | 40.17 | -40.17 | 12.6 | 1.243 | 3.77 | 7.08 | 90.7 |
| Interstitial Well | 17-Mar-23 | NS | 11.12 | -11.12 | NM - Insuffi | cient Water | | | |
| Interstitial Well | 23-Aug-23 | NS | 10.11 | -10.11 | NM - Insuffi | cient Water | | | |
| Interstitial Well | 29-Nov-23 | NS | 10.63 | -10.63 | NM - Insuffi | cient Water | | | |

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Animas Environmental Services, LLC ALL DATA HERE 2023.11.29 BMG Landfarm Tables MASTER TABLE

TABLE 2 SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

BMG Landfarm, Rio Arriba County, New Mexico

| | | | | Ethyl- | Total | | | | | | |
|---------|-----------|---------|---------|---------|---------|--------|--------|--------|-----------|----------|--------|
| | | Benzene | Toluene | Benzene | Xylenes | GRO | DRO | MRO | Total TPH | Chloride | TDS |
| Well ID | Date | (µg/L) | (µg/L) | (µg/L) | (µg/L) | (mg/L) | (mg/L) | (mg/L) | (mg/L) | (mg/L) | (mg/L) |
| MW-1 | 17-Mar-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 48 | 800 |
| MW-1 | 21-Jun-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 60 | 666 |
| MW-1 | 23-Aug-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 49 | 654 |
| MW-1 | 29-Nov-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 55 | 740 |
| MW-2 | 17-Mar-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 140 | 722 |
| MW-2 | 21-Jun-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 130 | 700 |
| MW-2 | 23-Aug-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 140 | 726 |
| MW-2 | 29-Nov-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 150 | 704 |
| MW-3 | 17-Mar-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 280 | 1,040 |
| MW-3 | 21-Jun-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 310 | 1,120 |
| MW-3 | 23-Aug-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 310 | 1,210 |
| MW-3 | 29-Nov-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 410 | 1,240 |
| MW-4 | 17-Mar-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 84 | 720 |
| MW-4 | 21-Jun-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 110 | 638 |
| MW-4 | 23-Aug-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 150 | 720 |
| MW-4 | 29-Nov-23 | <1.0 | <1.0 | <1.0 | <2.0 | <0.050 | <1.0 | <5.0 | <6.1 | 110 | 723 |

Notes:

- < Analyte not detected above listed laboratory reporting limit.
- NA Not Analyzed
- NE Not Established
- MTBE Methyl-tert butyl ether
- TPH Total Petroleum Hydrocarbons

TABLE 2SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

BMG Landfarm, Rio Arriba County, New Mexico

| | | | | Ethyl- | Total | | | | | | |
|---------|------|---------|-------------|--------------|---------|--------|--------|--------|-----------|----------|--------|
| | | Benzene | Toluene | Benzene | Xylenes | GRO | DRO | MRO | Total TPH | Chloride | TDS |
| Well ID | Date | (µg/L) | (µg/L) | (µg/L) | (µg/L) | (mg/L) | (mg/L) | (mg/L) | (mg/L) | (mg/L) | (mg/L) |
| | | GRO | Gasoline Ra | nge Organics | ; | | | | | | |
| | | DRO | Diesel Rang | e Organics | | | | | | | |
| | | MRO | Motor Oil R | ange Organic | S | | | | | | |

* NMED Groundwater Screening Level for Total TPH taken from *Risk Assessment Guidance for Site Investigations and* Screening Level for Unknown Oil. Remediation Volume I, Table 6-4 (November 2022), Groundwater

TABLE 3 TREATMENT ZONE SOIL ANALYTICAL RESULTS BMG Landfarm, Rio Arriba County, New Mexico

| Treatment Zone Cell | Date | TPH (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl- Benzene (mg/kg) | Total Xylenes (mg/kg) | Chloride (mg/kg) |
|---|------------|----------------|----------------|-----------------------|----------------|--------------------|--------------------|------------------------------|-----------------------------|---------------------|
| | Method | 418.1 | 8015 | 8015D | 8015D | 8021B/ 8260B | 8021B/ 8260B | 8021B/ 8260B | 8021B/ 8260B | 300.0 |
| NMOCD Closure Action Le 19.15.36.15) | vels (NMAC | 2,500 | - | GRO/DRO/ 00 GRO/DR | | | 0.2 (Benzen | ne) / 50 (BTI | EX) | 500 |
| 1 | 23-Aug-23 | NM | <4.9 | 110 | 210 | NM | NM | NM | NM | <60 |
| | | | | | | | | | | |
| 2 | 23-Aug-23 | NM | <4.8 | 200 | 340 | NM | NM | NM | NM | <60 |
| | | | | | | | | | | |
| 3 | 23-Aug-23 | NM | <4.7 | 170 | 300 | NM | NM | NM | NM | <60 |
| | | | | | | | | | | |
| 4 | 23-Aug-23 | NM | <4.9 | 39 | 60 | NM | NM | NM | NM | <61 |

Notes:

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< Analyte not detected above listed method limit

NM Not Measured

TPH Total Petroleum Hydrocarbons

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VADOSE ZONE SOIL ANALYTICAL RESULTS

BMG Landfarm, Rio Arriba County, New Mexico

| | | | Total | TPH | ТРН | ТРН | | | Ethyl- | Total | |
|--------|--------------------|-----------|-------|-------|-------|-------|---------|---------|---------|---------|----------|
| | Vadaga Zana Camala | | | | | | Densone | Taluana | - | | Chlorida |
| | Vadose Zone Sample | | ТРН | GRO | DRO | MRO | Benzene | Toluene | Benzene | Xylenes | Chloride |
| Cell # | ID | Date | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| 1 | Cell #1 DS-1 | 23-Aug-23 | NM | <5.0 | <9.5 | <47 | <0.025 | <0.050 | <0.050 | <0.10 | 290 |
| 1 | Cell #1 DS-1 | 29-Nov-23 | NM | <4.7 | <9.5 | <48 | NM | NM | NM | NM | NM |
| 2 | Cell #2 DS-1 | 23-Aug-23 | NM | <4.8 | 24 | <49 | <0.024 | <0.048 | <0.048 | <0.096 | <60 |
| 2 | Cell #2 DS-1 | 29-Nov-23 | NM | <4.8 | <10 | <50 | NM | NM | NM | NM | NM |
| 3 | Cell #3 DS-1 | 23-Aug-23 | NM | <4.8 | <9.3 | <47 | <0.024 | <0.048 | <0.048 | <0.095 | <60 |
| 3 | Cell #3 DS-1 | 29-Nov-23 | NM | <4.9 | <9.9 | <50 | NM | NM | NM | NM | NM |
| 4 | Cell #4 DS-1 | 23-Aug-23 | NM | <4.7 | <9.4 | <47 | <0.023 | <0.047 | <0.047 | <0.094 | <60 |
| 4 | Cell #4 DS-1 | 29-Nov-23 | NM | <4.6 | <8.5 | <42 | NM | NM | NM | NM | NM |

Notes:

< Analyte not detected above given laboratory reporting limit.

DRO Diesel range organics.

GRO Gasoline range organics.

MRO Motor oil range organics.

NM Analyte not measured.

NS No Approved Background Level standard was established for this analyte.

TPH Total petroleum hydrocarbons.

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Figures



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| Г | | | | | | | | |
|---------------------------------------|-------------------------------------|---|-----------------------|----------------|-----------------------------|----------------------------|----------|--|
| | TRE | ATMENT ZON | E MONITORIN SAMPLE | | | MRO | CHLORIDE | |
| SAMPLE ID | SAMPLE LOCATION | SAMPLE DATE | DEPTH (ft) | GRO (mg/kg) | DRO (mg/kg) | (mg/kg) | (mg/kg) | |
| | NMOC | D CLOSURE AC (NMAC | TION LEVELS | | 00 GRO/DRO/I 500 GRO/DRO | | 500 | |
| Cell #1 TZ CS-1 | CELL #1 | 23-Aug-23 | 0.5 | <4.9 | 110 | 210 | <60 | |
| Cell #2 TZ CS-1 | CELL #2 | 23-Aug-23 | 0.5 | <4.8 | 200 | 340 | <60 | |
| Cell #3 TZ CS-1 | CELL #3 | 23-Aug-23 | 0.5 | <4.7 | 170 | 300 | <60 | |
| Cell #4 TZ CS-1 | CELL #4 COMPOSITE SAMPLES. | 23-Aug-23 | 0.5 | <4.9 | 39 | 60 | <61 | |
| X X X X X X X X X X X X X X X X X X X | X X X X Cell #1 | x x ition 1 ell #2 TZ Location - x x TZ Location 3 - x x | _ x x | X | ion 2 | x x Cell #1 TZ L x x | X X - | Storm water Settling PONDS L#3 x |

Received by OCD: 3/6/2024 10:51:20 AM





Released to Imaging: 4/8/2025 1:00:45 PM

Graphs

GRAPHS BMG Landfarm Rio Arriba, County



GRAPHS BMG Landfarm Rio Arriba, County



Appendix

| | | O GROUNE | | Animas Environmental Services 624 E. Comanche St, Farmington NM 87401 Tel. (505) 564-2281 animasenvironmental.com |
|--------------------------------|--|------------------------|------------------------|---|
| Project: Site: Location: | Groundwater I Evaporation Po BMG andfarm | ond | d Sampling | Project No.: Date: 03-17-23 Time: 10:40 |
| Tech: - | to | | | Form: |
| Well ID | Depth to NAPL (ft) | Depth to Water (ft) | NAPL Thickness (ft) | Notes / Observations |
| MW-1 | - | 39.00 | < | 11:15 |
| MW-2 | | 40.08 | | 13:45 |
| MW-3 | - | 39.39 | | 12:46 |
| MW-4 | | 39.84 | | |
| Interstitial Well | _ | 11.12 | | 12:05 10:56- 11:22 @ 11:09 - 11:24 @ 14134 |
| | | | | |

| | | VELL SAMPLI | | DRD | | Animas Environme | ntal Services | | | |
|-----------|---|-------------------|----------------------------------|------------------------|---------------------|---|---|--|--|--|
| Mon | itor Well No: | Interstitia | al Well | | 62 | 4 E. Comanche St., Farm | ington NM 87401 | | | |
| | | | | | | Tel. (505) 564-2281 Fax | (505) 324-2022 | | | |
| Site: | Evaporation F | ond | | | | Project No.: AES | | | | |
| Location: | | | - | | | Date: 03-17-2 | | | | |
| | territoria de la construcción de la | Monitoring and | Sampling | C | Arrival Time: 10:50 | | | | | |
| | g Technician: | | | | | Air Temp: 30 ° Ch | sody | | | |
| 100 C | e / No Purge: | Purge | | | T.O.C. Elev. (ft): | | | | | |
| | Diameter (in): | | | | | ell Depth (ft): 12. | | | | |
| | | 11.12 | | | | (taken at initial gauging | | | | |
| Confir | m D.I.W. (ft): | 11.12 11.24 | Time: | 14:34 | | _(taken prior to purging (taken after sample col | | | | |
| | | D.T.P.: | | | | kness: Time: | | | | |
| | AFLFICSCIL | | | | | | | | | |
| | | Water Quali | and the second second | ers - Reco - Calibr | | uring Well Purging | | | | |
| - | Terrer | Condenativitary | | Calibi | | PURGED VOLUME | | | | |
| - 00 | Temp | Conductivity | DO | | ORP | | | | | |
| Time | (deg C) | (μS) (mS) | (mg/L) | рН | (mV) | (see reverse for calc.) | Notes/Observation | | | |
| X | 20.00 | 1 | perci | | | | X | | | |
| | | | 1 | | | | 1 | | | |
| | | | | | _ | | | | | |
| | | | | | | | | | | |
| | | 1° | | | | | 1 THE R. L. | | | |
| 1 = 1 | | | | | | | | | | |
| | | 1 | | | | | | | | |
| - | | - | | | - | | | | | |
| | | | | | - | | | | | |
| | | | | | _ | | | | | |
| _ | | | | | _ | | | | | |
| | | | 1 | | | | | | | |
| V | | | | | | | | | | |
| 1 | | | | | | | V | | | |
| | Analytical Par | ameters (includ | e analysis r | method an | d num | ber and type of sample | containers) | | | |
| | and the second | | | | | | Contraction of the second s | | | |
| | | | | | | als w/ HgCl2 preserve) | 11.0 | | | |
| | | | 10 10 1 1 E G | | | nL amber glass w/ no pre | the second se | | | |
| TDS | per EPA Meth | od SM2540C an | d Chlorides | per EPA N | lethod | 300.0 (1-500mL Plastic v | v/ no preserve) | | | |
| | | Disposal of Purg | ged Water: | NA, | | | | | | |
| Co | ollected Samp | les Stored on Ice | in Cooler: | 1 MA | | | | | | |
| | Chain of | Custody Record | Complete: | NA | | | | | | |
| | | Analytical L | aboratory: | Hall Enviro | onmen | tal Analysis Laboratory, A | Albuquerque, NM | | | |
| Equip | ment Used Di | | Contraction of the second second | | | erface Level, YSI Water (| | | | |
| - | | | / Disposable | | | | | | | |
| otes/Com | ments: A | the bailing | - 42 |) ferr | [re | ading : 11.2; | 2 @ 11:09 | | | |
| | | | | - | - | | | | | |
| - | | | | | | | | | | |
| | | | | | | | | | | |

| | | WELL SAMPL | | ORD | - | Animas Environme | ental Services | | |
|--|---------------------------------|-------------------|---|------------|---------------------|--|--|--|--|
| IVIO | onitor Well No | : <u>MN</u> | /-1 | _ | 6 | 24 E. Comanche St., Farr | mington NM 87401 | | |
| C '' | - | | | | 4 | Tel. (505) 564-2281 Fax | (505) 324-2022 | | |
| and the second sec | Evaporation | Pond | | | _ | Project No.: AES | | | |
| Location | | 1042 2000 200 | | | _ | Date: 3-/7-, | | | |
| | | er Monitoring an | d Sampling | - | Arrival Time: 10:42 | | | | |
| | ing Technician ge / No Purge | | _ | | Air Temp: _3() ° | | | | |
| | Diameter (in) | | ge | | | O.C. Elev. (ft): | | | |
| | tial D.T.W. (ft) | | Times | - 11. | / | ell Depth (ft): 45 | | | |
| Confi | rm D.T.W. (ft) | 20 100 | Time: | _111 | / | _(taken at initial gaugin | | | |
| Fii | nal D.T.W. (ft) | : 43.28 | | 11:50 | | _(taken prior to purging | | | |
| If | NAPL Present | : D.T.P.: | D.T.W | 11.00 | | _(taken after sample col kness: Time | and the second se | | |
| | | | | - | | | | | |
| | | water Qual | ity Parame | ters - Rei | corded D | uring Well Purging | | | |
| | Tear | 1.0.1.11 | the second se | Cali | - | 03-16-23 50 | | | |
| - | Temp | Conductivity | DO | ORP | PURGED VOLUME | Contraction of the local distance of the loc | | | |
| Time | (deg C) | (μS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | Notes/Observations | | |
| 1.20 | 14.2 | 2007 | 4.6 | 7.2 | 33. Z | ,25 | no odan | | |
| 11:32 | 12.9 | 1941 | 5.6 | 73 | 66.0 | / allow | 5. A. A | | |
| 11735 | 12.9 | 3025 | 6.1 | 7.5 | 67.0 | 2 gellon | 5.44 | | |
| 11:40 | | | | | - | 1. Blue | in the second se | | |
| | | 1 | 1.000 | | | www oreerough | / BUL | | |
| | | | 2 1-1 | | 1 | 1 | | | |
| 11:47 | | | | 1.1 | | 5 1 411 | 1 | | |
| | | | | | | Samples Collector | | | |
| | | | | - | | | | | |
| | - | | - | | - | | | | |
| | | | - | - | | | | | |
| | | | - | | - | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | Analytical Par | ameters (includ | e analysis r | method a | and numb | per and type of sample of | ontainers) | | |
| | | | | | | | ontainersy | | |
| | | | | | | ls w/ HgCl2 preserve) | | | |
| TDC | TPH (GRO | /DRO/MRO) per | EPA Metho | od 8015 (| 1 - 250 m | iL amber glass w/ no pre | serve) | | |
| 103 | | | | | | 300.0 (1-500mL Plastic w | / no preserve) | | |
| | | Disposal of Purg | | | mand | -Ni drowinge | To Sul Aring | | |
| Co | | es Stored on Ice | | | | F | a state of the sta | | |
| | Chain of | Custody Record | Complete: | uno | | | | | |
| | | Analytical La | aboratory: | Hall Envi | ronmenta | al Analysis Laboratory, Al | buquerque, NM | | |
| Equip | ment Used Du | iring Sampling: I | Keck Water | Level or | Keck Inte | erface Level, YSI Water Q | uality Meter | | |
| | | and New | Disposable | Bailer | and the second | Level, for water Q | sunty weter | | |
| otes/Com | ments: | len latal | R | | > 22 | | | | |
| | va, | carrenny. | any | 0.2 | - 63 | gallous | | | |
| | | | | _ | _ | | | | |
| | | | | | | | | | |

| MO | NITORING | WELL SAMPL | ING REC | ORD | | Animas Environme | ntal Services | | |
|-----------|---------------------------------------|-------------------|-------------|-------------|------------------------------|-----------------------------------|--|--|--|
| Mo | nitor Well No: | MW | -2 | | 62 | 24 E. Comanche St., Farn | nington NM 87401 | | |
| | | | | -0 | | Tel. (505) 564-2281 Fax | | | |
| Site | : Evaporation | Pond | | | - | Project No.: AES | (| | |
| Location | | | | | - | Date: 3-17-2 | 3 | | |
| Project | : Groundwate | r Monitoring and | d Sampling | | - | Arrival Time: /3:42 | | | |
| Sampli | ng Technician | : 90 | | | Air Temp: 36° Clouder | | | | |
| Pur | ge / No Purge | : Purg | e | - | т.с | D.C. Elev. (ft): | | | |
| Well | Diameter (in) | 2 | 5 | | Total Well Depth (ft): 45.56 | | | | |
| | ial D.T.W. (ft) | | Time: | 13:4 | 5 | (taken at initial gaugin | g of all wells) | | |
| | rm D.T.W. (ft) | | Time: | 13:46 | 2 | (taken prior to purging | well) | | |
| | nal D.T.W. (ft) | | Time: | 14:11 | | (taken after sample col | lection) | | |
| lf | NAPL Present | D.T.P. | D.T.W. | .:: | _ Thic | kness: Time | · · · · · · · · · · · · · · · · · · · | | |
| | | Water Qual | | | | uring Well Purging 03-16-23 万し | | | |
| | Temp | Conductivity | DO | | ORP | PURGED VOLUME | | | |
| Time | Constant State | | 1.2.6 | | 1.2.4.5 | | Num lot | | |
| | (deg C) | (μS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | Notes/Observations | | |
| 13:52 | 14.2 | 2288 | 8.1. | 7.4 | 72.0 | 125 initial | No idor | | |
| 13:56 | 13.3 | 2183 | 7.4 | 7.5 | 76.7 | 1 gallou | No odor | | |
| 14:01 | 12.9 | 2084 | 7.7 | 7.6 | 80.0 | Zgelan | no odo | | |
| 14:02 | *- | | | | wa | the rectan | e of mell- | | |
| 14:11 | 120 | 2003 | 7.6 | 7.6 | 82.6 | 3 gallon | Clear | | |
| | | 1.1.1.1.1.1.1 | | 12.5 | 1 Call 1 | 0.00 | - pro agree | | |
| 14:15 | 1 | | 1.000 | | 1 | Samples Collecto | 1 | | |
| | | | | | 2 | sauper anere | 1 | | |
| | 1 | | | 1 | | | | | |
| | | | | | | | | | |
| | | | | - | | | | | |
| - | | | | | | | | | |
| | - | | | | | | | | |
| | | | | | 1.1 | | | | |
| | Analytical Pa | rameters (includ | de analysis | method a | and num | ber and type of sample | containers) | | |
| | | Full VOCs ner EP | A Method | 8021 (3 - / | 10 ml Via | als w/ HgCl2 preserve) | | | |
| | | | | | | nL amber glass w/ no pre | in the second se | | |
| TDS | | | | | | 300.0 (1-500mL Plastic v | | | |
| TD. | per LFA Met | | | | | | | | |
| 1 | 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Disposal of Pur | ged Water: | On gro | mid - | No desinage To | & SW drams | | |
| c | | les Stored on Ice | | | | | Contraction of the Article of the | | |
| | Chain of | Custody Record | Complete: | 405 | | | | | |
| | | Analytical L | aboratory: | Hall Envi | ronment | al Analysis Laboratory, A | Albuquerque, NM | | |
| Equip | pment Used D | uring Sampling: | Keck Wate | r Level or | Keck Inte | erface Level, YSI Water (| Quality Meter | | |
| | | | v Disposabl | | | A CONTRACTOR OF | | | |
| Notes/Com | ments: | 2/ | | | 2 = | ~ 3.0 gallo | | | |
| | Lille | Contraction for | ange | 2.0 | 0 | 2. garro | | | |
| | | | | | | | | | |
| _ | | | | | | | | | |

| | | VELL SAMPL | Animas Environmental Services | | | | | | |
|-----------------------|--|-------------------|---|-----------------|--------------------|--|-----------------|--|--|
| Monitor Well No: MW-3 | | | | | | 624 E. Comanche St., Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022 | | | |
| Site | : Evaporation | Pond | | - | Project No.: AES | (505) 324-2022 | | | |
| Location | | onu | _ | | - | Date: 3 - /7 -2 | 3 | | |
| | land of the land o | Monitoring and | Sampling | 1 | - | Arrival Time: /2:43 | | | |
| | ng Technician: | | | | -/ | Air Temp: <u>34</u> ° <i>CI</i> | landi. | | |
| | ge / No Purge: | | e | | - т.с | D.C. Elev. (ft): | | | |
| Well | Diameter (in): | | | | | ell Depth (ft): 45. | 61 | | |
| | | 39.39 | Time: | 12; | | (taken at initial gauging | | | |
| | m D.T.W. (ft): | | Time: | 12:4 | 17 | (taken prior to purging | well) | | |
| Fin | al D.T.W. (ft): | 43.16 | Time: | 13.2 | 8 | (taken after sample col | lection) | | |
| IfI | NAPL Present: | D.T.P.: | D.T.W. | | Thicl | ness: Time | C-C- | | |
| | | Water Quali | | | | iring Well Purging | | | |
| | 1 | | YSI | 2- Cali | brated: | 3-16-23 Jo | | | |
| | Temp | Conductivity | DO | | ORP | PURGED VOLUME | | | |
| Time | (deg C) | (µS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | | | |
| 12:55 | 12.7 | 1801 | 3.9 | 7.Z | 92.2 | ,25 initial | The state | | |
| 13:00 | 1 | | | | wait | for Recharge | 1 Well - | | |
| 13:15 | 12.9 | 4041 | 5.8 | 7.3 | 62.9 | 1 auten | slightly Turked | | |
| 13.20 | 13.2 | 2121 | 5.8 | 7.3 | 79.1 | 1.5 garban | 5 | | |
| | | | | - | 1 | | | | |
| 13:26 | | | - | | | Samples Collo | steed - | | |
| 1 | | | | | 2 | | 101. C | | |
| | 1 | 1 21 | | | | | | | |
| | | b | a | 1 | 1 | | | | |
| | | | | 1 | | | | | |
| | | 1 | 1 | | | | | | |
| | | | | | - | | | | |
| | | | | | - | | | | |
| | Analytical Ra | comotors (includ | lo analusis | mothod | and numb | per and type of sample | | | |
| | | | | _ | | | containers) | | |
| | 100 million (100 m | | Sector and the sector of the sector of | and a second of | A REAL PROPERTY OF | ls w/ HgCl2 preserve) | 1925/2 | | |
| | | | and the second se | | | Lamber glass w/ no pre | | | |
| TDS | per EPA Meth | | accost a concern | - | | 300.0 (1-500mL Plastic v | | | |
| | | Disposal of Purg | ged Water: | Ch qu | ound - | No drawing to | Sa drains | | |
| Co | | les Stored on Ice | | | | | | | |
| | Chain of | Custody Record | Complete: | m | | | | | |
| | | | | 1 | ironment | al Analysis Laboratory, A | Albuquerque, NM | | |
| Equip | ment Used D | | | | | erface Level, YSI Water (| | | |
| | | | / Disposable | | | | | | |
| Notes/Com | ments: 12 | ic lated | Prese | -3 | 1 | lan | | | |
| Mul- | had law | culated a | ati | 210 | gar | A BLO DO | | | |
| nin - | an iai | regeners 1 | anot | | _ | | | | |
| | | | | | | | | | |

| MO | VITORING V | VELL SAMPL | Animas Environmental Services | | | | |
|------------------|------------------|------------------|---|------------------|----------|--|-------------------|
| Monitor Well No: | | | | | | 4 E. Comanche St., Farm | nington NM 87401 |
| | | | | | | Tel. (505) 564-2281 Fax (505) 324-2022 | |
| Site | Evaporation F | ond | | | | Project No.: AES | |
| Location | : BMG | | | | | Date: 3-17-2 | .3 |
| Project | Groundwater | Monitoring and | Sampling | | | Arrival Time: 12:60 | |
| Sampli | ng Technician: | do | | | | Air Temp: 32° C | loudy |
| 1.000 | ge / No Purge: | | ė | | | D.C. Elev. (ft): | |
| | Diameter (in): | | - | | | ell Depth (ft): 45. | |
| | | 37.84 | • · · · · · · · · · · · · · · · · · · · | 12:04 | | (taken at initial gauging | |
| | rm D.T.W. (ft): | | Time: | 12:06 | | (taken prior to purging | |
| | nal D.T.W. (ft): | | Time: | 12:2 | | (taken after sample col | |
| It | NAPL Present: | D.T.P.: | 7 | - | | kness: Time | |
| | | Water Qual | | | | aring Well Purging | |
| | | | 1 | <u>-</u> - Calil | 1 | 3-16-23 JS | |
| | Temp | Conductivity | DO | | ORP | PURGED VOLUME | |
| Time | (deg C) | (µS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | Notes/Observation |
| 12:10 | 12.6 | 3107 | 5.5 | 7.3 | 81.7 | 125 mitint | clear No obsr |
| 12:15 | 13.2 | 650 | 6.0 | 7.4 | 80.8 | / gallon | Shiphtly Torbed |
| 12:20 | 13.2 | 2966 | 6.2 | 7.4 | 80.6 | 2 gallon | 5.414 |
| 1 | 13.1 | 3161 | 5.7 | 7.4 | 80.4 | 3 gellon | 5.A.A. |
| | 1 - + 0 | 2.01 | <u> </u> | 1.1 | 0 | -pr in | |
| 12:30 | | | | | 1 | Samples Colle | 11 |
| 12170 | | | | | | Jampus (sme | elan |
| _ | | | | | | | |
| | | | | | - | - | |
| | | | | | | | |
| - | | | | _ | | | 2 |
| | | | | | 1 | | |
| | | | | | | | |
| | | 1 | | | | | |
| | Analytical Par | ameters (inclu | de analysis | method | and num | ber and type of sample | containers) |
| | | | | | | | |
| | | 2 | | | | als w/ HgCl2 preserve) | P.7. 187 |
| | | | | | | nL amber glass w/ no pro | |
| TDS | | | | | | 300.0 (1-500mL Plastic v | |
| | | Disposal of Pur | ged Water: | On your | und -1 | Vo drawinger to Str | 1 draws |
| C | ollected Samp | les Stored on Ic | e in Cooler: | ines | | 1. | |
| | | Custody Record | | | | | |
| | | | | 1 | ironment | al Analysis Laboratory, | Albuquerque, NM |
| Faui | pment Used D | | 140 C A A A A | - | | erface Level, YSI Water | |
| -941 | | | v Disposabl | | neek mt | ender Leven for Water | acounty meter |
| lates / Car | mantes 1 | | | | | 3.0 | |
| Notes/Con | iments: (a | lated burn | ge 6.8 | Salla | m X | 2.0 | |
| | | | _ | - | _ | | |
| | | | | | | | |

| | | O GROUND | Animas Environmental Services 624 E. Comanche St, Farmington NM 87401 Tel. (505) 564-2281 animasenvironmental.com | |
|---|---|------------------------|---|--|
| Project: Site: Location: Tech: | Groundwater M Evaporation Pc BMG Landfarm | ond | d Sampling | Project No.: Date: 6-21-23 Time: 16: 23 Form: 16: 23 |
| Well ID | Depth to NAPL (ft) | Depth to Water (ft) | NAPL Thickness (ft) | Notes / Observations |
| MW-1 | - | 39.00 | | 16:42 |
| MW-2 | - | 40.05 | | 16:42 |
| MW-3 | | 39.34 | | 18:31 |
| MW-4 | | 39.82 | | 17:20 |
| Interstitial Well | | | | Not gauged at this time - |
| | | | | |

Received by OCD: 3/6/2024 10:51:20 AM Page 31 of 135 MONITORING WELL SAMPLING RECORD Animas Environmental Services Monitor Well No: MW-1 624 E. Comanche St., Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022 Site: Evaporation Pond Project No.: AES Location: BMG Date: 6-21-23 Project: Groundwater Monitoring and Sampling Arrival Time: 16:39 Air Temp: 98 Samy - Winty Sampling Technician: Purge / No Purge: Purge T.O.C. Elev. (ft): Well Diameter (in): 2 Total Well Depth (ft): 45.61 Initial D.T.W. (ft): 39 00 Time: (taken at initial gauging of all wells) 16:42 Confirm D.T.W. (ft): 39.00 Time: (taken prior to purging well) 16.43 Final D.T.W. (ft): 43.78 Time: 17:05 (taken after sample collection) If NAPL Present: D.T.P.: Thickness: Time: D.T.W.: Water Quality Parameters - Recorded During Well Purging - Calibrated: YSI PURGED VOLUME Temp Conductivity DO ORP Time (deg C) (µS) (mS) (mg/L)pH (mV)(see reverse for calc.) Notes/Observations 8.4 16:52 14.0 1316 10 odo 7.1 56.2 25 initial 13.5 16:56 1177 7.3 7.0 53.8 gallon No oto 1153 16:59 13.8 7.2 71 57.7 gallows 5.44, low Samples Glaste 17:02 Analytical Parameters (include analysis method and number and type of sample containers) Full VOCs per EPA Method 8021 (3 - 40 mL Vials w/ HgCl2 preserve) TPH (GRO/DRO/MRO) per EPA Method 8015 (1 - 250 mL amber glass w/ no preserve) TDS per EPA Method SM2540C and Chlorides per EPA Method 300.0 (1-500mL Plastic w/ no preserve) Disposal of Purged Water: Che geover Collected Samples Stored on Ice in Cooler: 408 Chain of Custody Record Complete: Ups Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer Calculated turge - 3.21 gallous Notes/Comments:

| MOI | NITORING V | WELL SAMPL | ING RECO | | Animas Environmental Services | | | | |
|-----------------------|------------------|---|-------------|----------------------|-------------------------------|--|---|--|--|
| Monitor Well No: MW-2 | | | | | | 624 E. Comanche St., Farmington NM 87401 | | | |
| | 2.5.6.1 | · · · · · | | | Tel. (505) 564-2281 Fax | (505) 324-2022 | | | |
| | : Evaporation | Pond | | | _ | Project No.: AES | | | |
| Location | | | | | _ | Date: 6-21-2 | | | |
| I NOT TO ALL | A | r Monitoring and | d Sampling | | <u>-</u> | Arrival Time: 17:5 | 3 | | |
| | ng Technician | | | | - | Air Temp: 9/ ° | Sumy Bracky | | |
| | ge / No Purge: | | e | -0 | | J.C. LIEV. (11). | | | |
| | Diameter (in) | | | - 17 | | ell Depth (ft): 45. | the second se | | |
| | rm D.T.W. (ft): | 40.05 | Time: | 1 | 55 | (taken at initial gauging (taken prior to purging | | | |
| | nal D.T.W. (ft): | | Time: | 12 | 56 | (taken after sample col | | | |
| | NAPL Present: | | D.T.W. | 10. | Thic | kness: Time | The second se | | |
| | | | | | | | | | |
| | | Water Qual | | ters - Rec - Cali | | uring Well Purging | | | |
| | Temp | Conductivity | DO | 1 | ORP | PURGED VOLUME | | | |
| Time | (deg C) | (µS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | Notes/Observation | | |
| 1802 | 13.5 | 1282 | 7.4 | 7.2 | 68.2 | | clear, | | |
| 100 C | | | 8.9 | | | · 25 initial | Brown Jorbido | | |
| 1806 | 12=4 | 1229 | 8.9 | 7.4 | 68.1 | 1 gallou | 5.4 A. | | |
| 1810 | 12.4 | 1149 | 5.9 | 1.4 | 69.2 | 2 gallar | JAA. | | |
| | | | | - | - | | | | |
| - | | | | | - | | | | |
| | | | | | - | | | | |
| | | | | | - | | | | |
| 0.11 | | | | | | Samples Col | 1 1.1 | | |
| 18:16 | | | | | - | Daugles Loc | | | |
| - | | | | - | - | | | | |
| | | | | | | | | | |
| | | | - | - | | | | | |
| | | | | | | | | | |
| | Analytical Pa | rameters (inclue | de analysis | method | and num | ber and type of sample | containers) | | |
| | | Full VOCs per EF | A Method | 8021 (3 - | 40 mL Via | als w/ HgCl2 preserve) | _ | | |
| | | | | | | nL amber glass w/ no pre | eserve) | | |
| TD | | | | | | 300.0 (1-500mL Plastic v | | | |
| 10. | - per cirrineti | Disposal of Pur | | | | | ., | | |
| - | ollocted Com | lac Stored on La | o in Cooler | -Ch | Storday | eff. | | | |
| L | | les Stored on Ic | | | | | | | |
| | chain of | Custody Record | | / | dana | tal Apply is Laboratory | | | |
| | | | | | | tal Analysis Laboratory, A | the second s | | |
| Equi | pment Used D | | - | | r Keck Int | erface Level, YSI Water (| Quality Meter | | |
| | ÷ | and the second se | w Disposabl | | - | | | | |
| Notes/Con | nments: | Calcula | Tel 9 | my | - Zee | 5 gallons | | | |
| | _ | | | | _ | 2 | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| MONITORING WELL SAMPLING RECORD | | | | | | Animas Environmental Services | | | |
|---------------------------------|-------------------------|------------------|--------------|--|-----------------------|-------------------------------|---|--|--|
| Monitor Well No: MW-3 | | | | 624 E. Comanche St., Farmington NM 87401 | | | | | |
| | | | | | | Tel. (505) 564-2281 Fax | (505) 324-2022 | | |
| | Evaporation I | Pond | | | _ | Project No.: AES | | | |
| Location: | | | | | 2 | Date: 6-21 | | | |
| | No. of Concession, Name | Monitoring and | d Sampling | | 2 | Arrival Time: 182 | 8 | | |
| | ng Technician: | | | | | Air Temp: 90° | Sunny Brazy | | |
| | e / No Purge: | | e | - | | D.C. Elev. (ft): | | | |
| | Diameter (in): | | | - 10 | and the second second | ell Depth (ft): 45. | the second se | | |
| | al D.T.W. (ft): | | Time: | | 3/ | (taken at initial gaugin | | | |
| | | 39.34 43.17 | Time: | 18:3 | | (taken prior to purging | the second se | | |
| | al D.T.W. (ft): | | Time: | 18. | | (taken after sample col | | | |
| IT | NAPL Present: | | D.T.W. | | | mess: Time | · | | |
| | | Water Qual | | | | Iring Well Purging | | | |
| | | | YSI | Cali | brated: | | | | |
| Sec. 1. | Temp | Conductivity | DO | | ORP | PURGED VOLUME | the second s | | |
| Time | (deg C) | (µS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | Notes/Observation | | |
| 18:34 | 13.5 | 1948 | 3.7 | 7.1 | 21.3 | .25 | Clear No odor Turbid Brant | | |
| 18:37 | 18.1 | 1879 | 5.0 | 7.2 | 69.2 | / Outlos | Turbid Brant | | |
| 18:41 | 13.6 | 1847 | 8.4 | 7.3 | 69.5 | - gargon | S.A.A. | | |
| (0 11 | 1-10 | 1011 | 0.7 | 1.2 | - 133 | - gullac | | | |
| | | | | | | | | | |
| | | | | - | - | | - | | |
| | | | | - | - | | | | |
| 10:00 | | | | | - | PIPI | 11 | | |
| 18:50 | | | | | - | Sample Collei | tel - | | |
| | A | | 1 | | | | | | |
| | | | 5 | | | | | | |
| | | | | | | | | | |
| | | | | | t = t | | | | |
| | | | 1 | | | | | | |
| _ | Analytical Pa | rameters (inclue | le analycic | method | and num | ber and type of sample | containers) | | |
| _ | Analytical Fa | ameters (molu | ae analysis | methou | and num | ber and type of sample | containers) | | |
| | | Full VOCs per EP | A Method 8 | 8021 (3 - | 40 mL Via | als w/ HgCl2 preserve) | | | |
| | TPH (GRC | /DRO/MRO) pe | r EPA Meth | od 8015 | (1 - 250 m | nL amber glass w/ no pro | eserve) | | |
| TDS | per EPA Meth | nod SM2540C ar | nd Chlorides | s per EPA | Method | 300.0 (1-500mL Plastic v | w/ no preserve) | | |
| | | Disposal of Pur | ged Water: | Bu | c 1 m. mal | 1 | | | |
| Co | llected Samp | les Stored on Ic | | | gersterry | | | | |
| | | Custody Record | | 1 | | | | | |
| | chain UI | | | Contraction of the second | tronmert | al Applycia Laboratory | Albuquereus MAA | | |
| | and the state | | | | | al Analysis Laboratory, A | | | |
| Equip | ment Used D | | | | | erface Level, YSI Water (| Quality Meter | | |
| | | and Nev | v Disposabl | | | | | | |
| Notes/Com | ments: | Calcul | tul | Em | qe - | - 3.0 gallo | an | | |
| | | | | 0 | | 0 | A. 6. | | |
| | | | | | | | | | |

| Received l | v O | CD: | 3/6/202 | 24 10: | 51:20 | AM |
|------------|-----|-----|---------|--------|-------|----|
|------------|-----|-----|---------|--------|-------|----|

| MON | ITORING V | NELL SAMPL | ING REC | ORD | | Animas Environme | ntal Services |
|------------|----------------|-------------------|-------------------|--|----------|--|------------------------------|
| Mon | itor Well No: | MW | 62 | 624 E. Comanche St., Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022 | | | |
| | | | | | | | |
| Site: | Evaporation | Pond | | | | Project No.: AES | (2007)01 (2022 |
| Location: | BMG | | | | - | Date: 6-21.2 | . 3 |
| Project: | Groundwate | r Monitoring and | d Sampling | 1.1. | 5 | Arrival Time: 17:1- | 7 |
| Samplin | g Technician: | D | | | | Air Temp: 91° S | may - Windy |
| | e / No Purge: | | e | | Т.С | D.C. Elev. (ft): | |
| | Diameter (in): | | | - 1.0 | | ell Depth (ft): 45. | |
| | | 39.82 | Time: | | 20 | (taken at initial gauging | |
| | n D.T.W. (ft): | 39.86 | Time: Time: | 17:- | | (taken prior to purging | |
| | IAPL Present: | | D.T.W. | 17:4 | | (taken after sample col kness: Time | |
| | | | | | | | |
| | | water Qual | ity Parame YSI | | brated: | Iring Well Purging | |
| - | Temp | Conductivity | DO | | ORP | PURGED VOLUME | |
| Time | (deg C) | (µS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | Notes/Observatio |
| 17:28 | 15.2 | 1229 | 6.2 | 7.0 | 57.2 | | Clear 1 |
| 17:32 | 13.4 | 1134 | 7.5 | 7.1 | 60.5 | 25 initial | Tan glighthe |
| 1 | 12.8 | | | 1100 | 61.7 | 6 . | CONTRACTOR AND A PROPERTY OF |
| 17:36 | 1220 | 1174 | 7.3 | 7,2 | 61.1 | 2 gallou | S.A.K. |
| - | | | | - | | | |
| | | | _ | | - | | |
| | | | | | | | |
| | | | - | - | - | | |
| | | _ | 1. | | 5 | | |
| | | 1 | | | | | |
| 17:39 | | | | 1. | | Samples Colle | tul- |
| | | 1 | | 1 | | | |
| | | | | 1 | | | |
| | | | | | | | |
| | Analytical Pa | rameters (includ | e analysis | method | and num | per and type of sample of | containers) |
| | | | | | | | containersj |
| | | | | | | lls w/ HgCl2 preserve) | |
| | | | | | | nL amber glass w/ no pre | |
| TDS | per EPA Meth | | | 1 | Method | 300.0 (1-500mL Plastic v | v/ no preserve) |
| | | Disposal of Pur | ged Water: | De | ground | | |
| Co | llected Samp | les Stored on Ice | e in Cooler: | Ves | 0 | | |
| | Chain of | Custody Record | Complete: | Ves | | | |
| | | | | 7 | ironment | al Analysis Laboratory, A | Ibuquerque, NM |
| Equip | ment Used Di | | | | | erface Level, YSI Water C | |
| | | | Disposable | | | | sampliness. |
| | ments: | elculatured | | | 11 | | |
| lotes/Com | 00 | CICOLE INA | Marge - | 0.0 | galla | 11 5 | |
| lotes/Comr | | | | | - | | |
| lotes/Comr | | | | _ | | | |
| Notes/Comr | | | | | | | |

| | | O GROUND JREMENT I | | Animas Environmental Services 624 E. Comanche St, Farmington NM 87401 Tel. (505) 564-2281 animasenvironmental.com |
|----------------------|-----------------------|------------------------|------------------------|---|
| Project: | Groundwater N | Aonitoring and | d Sampling | Project No.: |
| Site: | Evaporation Po | nd | | Date: 8-23-23 |
| Location: | BMG Landfarm | | | Time: 1200 - 1500 |
| Tech: | C | L/JBE | | Form: |
| Well ID | Depth to NAPL (ft) | Depth to Water (ft) | NAPL Thickness (ft) | Notes / Observations |
| MW-1 | _ | 39.13 | | |
| MW-2 | - | 40.18 | - | |
| MW-3 | - | 39.48 | - | |
| MW-4 | | 39.99 | - | |
| Interstitial Well | - | 10. 11 | - | Before Builing. Then Build out 10.64 |
| Interstitial Well | _ | 10.65 | - | Before Builing. Then Build out 10.64 After Bailing. Return & cul. No Recharge. |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |

Wells measured with KECK water level or KECK interface tape, decontaminated between each well measurement.

| MONITORING WELL SAMPLING RECORD Monitor Well No: MW-1 | | | | | | Animas Environmental Services 624 E. Comanche St., Farmington NM 87401 | | | |
|--|----------------------------|--|---|-----------------|-----------|---|-------------------|--|--|
| | | | | | | | | | |
| Location: | | ond | | | - | Project No.: AES Date: 8-23-2 | 2 | | |
| | - A D CAUN | Monitoring and | Sampling | | - | | 2 | | |
| | g Technician: | | | - | - | Arrival Time: 13:11 | 1. 0 | | |
| | e / No Purge: | | -1 | | - т | Air Temp: <u>75°F Clon</u> O.C. Elev. (ft): | idy preny | | |
| | Diameter (in): | | | - | | ell Depth (ft): 45 | 61 | | |
| | al D.T.W. (ft): | | Time: | - 13:1 | | (taken at initial gaugin | | | |
| | m D.T.W. (ft): | | Time: | - | 15 | (taken prior to purging | | | |
| | al D.T.W. (ft): | | Time: | 13:2 | | (taken after sample co | | | |
| | Course and a second second | D.T.P.: _ | Andread and the second sec second second sec | | | kness: Time | | | |
| | | Water Quali | ty Paramet | tors - Roc | _ | uring Well Purging | | | |
| | | water Quan | and the second second | / - Calil | | uning wen Funging | | | |
| 1 | Temp | Conductivity | DO | | ORP | PURGED VOLUME | | | |
| Time | Second second | | 1. 1. 1. 1. 1. | | | | a) | | |
| Time | (deg C) | (µS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | Notes/Observation | | |
| 13:20 | 110.6 | 1143 | 4.82 | 7.16 | 105.9 | Initial | Clear Nooder | | |
| 13:24 | 14.6 | 1143 | 4.60 | 7.19 | 102.6 | 1.0 | Tan/ No Oder | | |
| 13:30 | | | | | - | | Samples Collected | | |
| | | | | | 1 | | Low Recharge | | |
| | | | | | | | | | |
| | S | | 10000 | | | | | | |
| - | | | | | - | | | | |
| | | | | | - | | | | |
| | | | | 1 | - | | | | |
| | | | | - | - | | | | |
| | | | | | - | | | | |
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| | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| | Analytical Par | ameters (includ | e analysis | method | and num | ber and type of sample | containers) | | |
| | | | | | | | containers) | | |
| | F | ull VOCs per EP | A Method 8 | 3021 (3 - | 40 mL Via | als w/ HgCl2 preserve) | | | |
| | TPH (GRO | /DRO/MRO) per | EPA Meth | od 8015 (| 1 - 250 n | nL amber glass w/ no pro | eserve) | | |
| TDS | per EPA Meth | od SM2540C an | d Chlorides | per EPA | Method | 300.0 (1-500mL Plastic v | w/ no preserve) | | |
| | 0 | Disposal of Purg | ged Water: | (9n Grow | nd | | | | |
| Co | | es Stored on Ice | | | - | | | | |
| | | Custody Record | | | | | | | |
| | Shan of C | | Sector and | | ronmert | al Analysis Laborators | | | |
| Frents | manhillerde | | | | | al Analysis Laboratory, / | | | |
| Equip | ment Used Du | | | | Keck Int | erface Level, YSI Water | Quality Meter | | |
| | 01 | and the second s | Disposable | | | | | | |
| otes/Com | ments: Colcu | lated Fuge | Volum | $e \approx 1.0$ | gal. | | | | |
| | | 0 | | | | | | | |
| | | | | | | | | | |
| NON | III OKING W | ELL SAMPLI | | UNU | Animas Environmental Services | | | |
|---------------------|----------------|------------------|-------------|-----------|--|--------------------------|--|--|
| Mon | itor Well No: | MW- | -2 | | 624 E. Comanche St., Farmington NM 87401 | | | |
| | | | | | Tel. (505) 564-2281 Fax (505) 324-2022 | | | |
| | Evaporation P | ond | | | Project No.: AES | | | |
| Location: | | | | | | Date: 8+23- | 23 | |
| and a second second | | Monitoring and | | | | Arrival Time: 14:23 | | |
| | g Technician: | | KIBE | _ | | Air Temp: 767 Clor | ndy Breezy | |
| | e / No Purge: | | | | | D.C. Elev. (ft): | | |
| | | | | | | ell Depth (ft): 45 | | |
| | | | | | | (taken at initial gaugin | | |
| | | | | - | 26 | _(taken prior to purging | | |
| | | | | | | (taken after sample con | | |
| ITP | NAPL Present: | | | | | kness: <u> </u> | · · · · · · · · · · · · · · · · · · · | |
| | | Water Quali | | | | uring Well Purging | | |
| | | | YSI | / Calib | rated: | 1 | | |
| | Temp | Conductivity | DO | | ORP | PURGED VOLUME | | |
| Time | (deg C) | (US) (mS) | (mg/L) | pН | (mV) | (see reverse for calc.) | Notes/Observation | |
| 14:31 | 13.5 | 1265 | 6,28 | 7.42 | 98.2 | Initial | Clear 1 No odar | |
| 14:35 | 14.4 | 1212 | 5.70 | 7.46 | 46.5 | 1.0 | Tan/ Tunkis/No Oder | |
| 14:38 | 12.8 | 1198 | 6.46 | 1.53 | 57.7 | 2.0 | S.A.A. | |
| | /~.0 | 11.10 | 4.90 | 155 | 27.7 | 1.0 | | |
| 14:44 | | | | | | | - Low Yield - Stow Rech Samples Collected | |
| | | | | | | | Samples Collected | |
| | | | | , | | | | |
| 1 | | | | 1.1.1 | 1 | | | |
| | | | | 1.1.1.1.1 | 1 | | | |
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| | | | | | | | | |
| | | | | 1 | 1 | | 1 | |
| 1000 | Analytical Par | ameters (includ | e analysis | method a | nd num | ber and type of sample | containers) | |
| | | | _ | | | | | |
| | | | | | | als w/ HgCl2 preserve) | | |
| | TPH (GRO | /DRO/MRO) per | EPA Metho | od 8015 (| 1 - 250 n | nL amber glass w/ no pr | eserve) | |
| TDS | per EPA Meth | od SM2540C an | d Chlorides | per EPA | Method | 300.0 (1-500mL Plastic | w/ no preserve) | |
| | | Disposal of Purg | ged Water: | on Gro | und | | | |
| Co | ollected Sampl | es Stored on Ice | in Cooler: | yes | | | | |
| | | Custody Record | | | ~ | | | |
| | Sham of V | | | | ropmon | tal Analysis Laboratory, | | |
| | | | | | | | The second second second second | |
| Equip | ment Used Du | | | | Keck Int | erface Level, YSI Water | Quality Meter | |
| | | | Disposable | | | | | |
| lotes/Com | ments: Culo | alated Purg | e Volum | r x | 2.5 6 | al. | | |
| | | | - | | | | | |
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| | itor Well No: | VELL SAMPLI MW- | | | Animas Environmental Services 624 E. Comanche St., Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022 | | |
|-----------|-----------------|--------------------|--------------|------------|---|---------------------------|-------------------|
| IVIO | litor well No: | IALAA. | .5 | | | | |
| Site: | Evaporation P | ond | | | | Project No.: AES | (505) 524-2022 |
| Location: | | UTIC . | | | ÷ | Date: 8-23-2 | 3 |
| | | Monitoring and | Sampling | 1999 Cont | | Arrival Time: 14:00 | |
| | ng Technician: | | | | • | Air Temp: 76% Clor | udy Breeze |
| | ge / No Purge: | | | | Т.С | D.C. Elev. (ft): | |
| | Diameter (in): | | | - | | ell Depth (ft): 45. | .61 |
| Initi | al D.T.W. (ft): | 39.48 | Time: | 14:0 | 1 | (taken at initial gaugin | g of all wells) |
| Confir | m D.T.W. (ft): | 39.48 | Time: | 14:05 | 2 | (taken prior to purging | well) |
| Fin | al D.T.W. (ft): | 41.33 | Time: | 14:18 | 1 | (taken after sample col | llection) |
| | | D.T.P.: | | | | kness: Time | |
| | | Water Quali | | | | uring Well Purging | |
| | | | | Calib | | | |
| | Temp | Conductivity | DO | | ORP | PURGED VOLUME | |
| Time | (deg C) | (µ\$) (mS) | (mg/L) | рН | (mV) | (see reverse for calc.) | Notes/Observation |
| 14:06 | 16.2 | 1964 | 2.24 | 7.18 | 102.1 | Initial | aenv/No Odar |
| 14:09 | 14.2 | 1928 | 4.22 | 7.26 | 102.9 | 1.0 | Tom Sinhid Noode |
| 14:13 | | | | | | | Very Con Yield |
| | | | | | | | Samples Collected |
| | | | | | | | - por more |
| | | | | | | | |
| | | | | | | | |
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| | | | | | | | |
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| | 6 | | | | | | |
| | | | | | | | |
| | Analytical Par | ameters (includ | e analysis i | method a | nd num | ber and type of sample | containers) |
| | | | | | | als w/ HgCl2 preserve) | |
| | | | | | | nL amber glass w/ no pre | eserve) |
| TDS | | | | | | 300.0 (1-500mL Plastic v | |
| 103 | | | | | | | ino preserve) |
| - | | Disposal of Purg | | | ~ | | |
| Co | | es Stored on Ice | | | | | |
| | Chain of (| Custody Record | | -6- | - | | |
| | | Analytical La | aboratory: | Hall Envir | onment | al Analysis Laboratory, A | Albuquerque, NM |
| Equip | ment Used Du | ring Sampling: | Keck Water | Level or | Keck Inte | erface Level, YSI Water (| Quality Meter |
| | | | Disposable | | | | |
| otes/Com | ments: Calcul | ated Purge V | olumen | 3.0 gel | | | |
| | | 1 | | 0 | | | |
| | | | | | | | |

| MON | IITORING W | | | ORD | Animas Environmental Services | | | |
|-----------|---------------------------------|-----------------|-------------|---|--|--|----------------------|--|
| Mon | itor Well No: | MW | -4 | _ | 624 E. Comanche St., Farmington NM 87401 | | | |
| | | | | | Tel. (505) 564-2281 Fax (505) 324-2022 | | | |
| 1 | Evaporation P | ond | | | _ | Project No.: AES | | |
| Location: | | | | | - | Date: 8-23-2 | 3 | |
| | Groundwater | | | <u>far</u> | | Arrival Time: 13:36 | | |
| | ng Technician: | <u>ci</u> | | _ | | Air Temp: 75°F C | liridy | |
| | e / No Purge: Diameter (in): | Purg 2 | e | - | | D.C. Elev. (ft): ell Depth (ft): 45 | 64 | |
| | al D.T.W. (ft): | | Time: | - 12. | | (taken at initial gaugin | | |
| | m D.T.W. (ft): | | Time: | | | (taken prior to purging | | |
| | al D.T.W. (ft): | | | | | (taken after sample co | | |
| | | | | | | kness: Time | | |
| | | | | | | uring Well Purging | | |
| | | | | <u> </u> | orated: | | | |
| 1.2 | Temp | Conductivity | DO | | ORP | PURGED VOLUME | | |
| Time | (deg C) | (µS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | | |
| 13:44 | 14.9 | 1290 | 4.32 | 7.17 | 98.2 | Initeal | Cland/No Oder con he | |
| 13:47 | 13.9 | 1286 | 5.07 | 7.24 | 95.5 | 1.0 | An / Turbid / Nodar | |
| 13:50 | 13.1 | 1296 | 5.30 | 7.25 | 97.1 | 2.0 | 5.A.A. | |
| 13:53 | 13.0 | 1293 | 5.14 | 7.24 | 97.0 | 2.75 | S. A.A. | |
| 13:56 | | | | - | | | Samples Collector | |
| | | | | | | | | |
| | 1 | | | (| 1 | | | |
| | 7 | _ | | | | | | |
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| | | | | | _ | | | |
| | | | | - | 1 | | | |
| | Analytical Para | meters (includ | e analysis | method a | nd num | ber and type of sample | containers) | |
| | Fu | III VOCs per EP | A Method 8 | 3021 (3 - 4 | 10 mL Via | als w/ HgCl2 preserve) | | |
| | TPH (GRO/ | DRO/MRO) per | EPA Meth | od 8015 (| 1 - 250 m | nL amber glass w/ no pr | eserve) | |
| TDS | per EPA Metho | d SM2540C an | d Chlorides | per EPA | Method | 300.0 (1-500mL Plastic v | w/ no preserve) | |
| | | isposal of Purg | | the second se | and the second s | | | |
| Co | llected Sample | | | | | | | |
| | | ustody Record | | | | | | |
| | | | | | ronment | al Analysis Laboratory, A | | |
| Fauin | ment lised Du | | | - | | erface Level, YSI Water | | |
| cquip | ment oseu Dui | | Disposable | | Keck IIII | endce Level, ist water (| | |
| ator/Carr | monter Alaul | | | | _ | | | |
| otes/Com | ments: Cal cul | when ponge 1 | Jokume 2 | 6.75 | . / | Quilt | | |
| vi maini | were cap | MT on PVC | ven. | on gro | md. | Possibly knowled of | 6 by Cartle. | |
| | That Arcars | d th | | | | | 2 | |
| Inknow | The Opport | 0 | | | | | | |

BMG Landfarm Soil Sampling - Treatment Zone (TZ)

Animas Environmental Services 624 E. Comanche St, Farmington NM 87401 Tel. (505)564-2281

Date: 8/23/23

Sampling Technician: 02/555

| | | CELL #1 | | |
|---|--|------------------------------|--|---------------------------------------|
| Sample ID: | Cell #1 TZ location 1 | Cell #1 TZ location 2 | Cell #1 TZ location 3 | Cell #1 TZ location 4 |
| GPS: (4 locations) | 34.39897, -106.86598 | 36.38919, -106.86646 | 3. 389 62, -106.86726 | 36.38968, -106.86787 |
| Time of sample into bag: | 9:58 | 10:01 | 10:03 | 10:07 |
| Sample depth (ft): | 0.5* | 0.5 " | 0.5" | 0.5" |
| Soil characteristics: (odor, color, texture) | Dry, Sand, Oganas (9) No Olar, No Stainty | Dry. Sand, No Edw , Nostains | Dry Sand, Organics (Rosts) B. Olor, No Stains | Dry. Sud, No Edar, No Stains |
| Composite Sample Time: | | 10:69 | , , , , , , , , , , , , , , , , , , , | Composite Sample ID = Cell #1 TZ CS-1 |

| | | CELL #2 | | |
|---|--|--|--|--|
| Sample ID: | Cell #2 TZ location 1 | Cell #2 TZ location 2 | Cell #2 TZ location 3 | Cell #2 TZ location 4 |
| GPS: (4 locations) | 36.39048, -106.84695 | 36.38997, -106.86600 | 36. 1838960, -006.86560 | 36.39003, -10. 56573 |
| Time of sample into bag: | 10:26 | 16:29 | 10:33 | 10:36 |
| Sample depth (ft): | 0.5" | 0.5 | 0.5* | 0.5" |
| Soil characteristics: (odor, color, texture) | Dry, Sand, Brown, No Color No Stains. | Maist, Sund, Brown, No Oder No String | St. Marst, The mean No char and No Strinian | Hard, Brown, Send, No Elar No Stajing |
| Composite Sample Time: | | 15:38 | - To Hours | Composite Sample ID = Cell #2 TZ CS- |

| | | CELL #3 | | |
|--------------------------|-----------------------------|-----------------------|------------------------|--------------------------------------|
| Sample ID: | Cell #3 TZ location 1 | Cell #3 TZ location 2 | Cell #3 TZ location 3 | Cell #3 TZ location 4 |
| GPS: (4 locations) | 36.38921 -106.86403 | 34.38913, 106.86426 | 36.28909, -106.86447 | 36.3894, -106.86482 |
| Time of sample into bag: | | 11:04 | 11:07 | 11:10 |
| Sample depth (ft): | 0.5' | 2.5 ' | 05 | 11.10 |
| Soil characteristics: | Bran, SI. Mast, Send No Que | | Bown, man, Sand No ada | Tan Brang, Sand, No Oder |
| (odor, color, texture) | No Staining . | No Staining. | No Spiling | No Stajajig. |
| Composite Sample Time: | 0 | 0 11:13 | | Composite Sample ID = Cell #3 TZ CS- |

| | | CELL #4 | | |
|-------------------------|--------------------------------|---|---------------------------------|--------------------------------------|
| Sample ID: | Cell #4 TZ location 1 | Cell #4 TZ location 2 | Cell #4 TZ location 3 | Cell #4 TZ location 4 |
| GPS: (4 locations) | 36.38905, -106.86234 | 36.38920, -106.86265 | 36.38923, -106.86312 | 36.38942, -106.86344 |
| ime of sample into bag: | 11=19 | /1:33 | //:35 | //:38 |
| ample depth (ft): | 0.51 | 0.5" | 45' | |
| oil characteristics: | Moriel, Dk brown, Sund, No Ody | | Moist, DE Brown, Sand, Organics | Duy, Tan-Bram, Sand, No Con |
| odor, color, texture) | do Staiping | Noist, Debram, Sand, Organis No Bar No Stain (Bosts) | No odur No Stainiez (Perots) | No Staining |
| omposite Sample Time: | | 11:4/ | | Composite Sample ID = Cell #4 TZ CS- |
| dditional Notes: | | | | composite sample is - cell in 12 cs |
| | | | | |
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| Date: 8/27/23 | Sampling Technician: | | |
|--|---|---------|----|
| Sample ID: | C-II #4 1/7 DC 4 | CELL #1 | T. |
| Sample ID: | Cell #1 VZ DS-1 | | |
| GPS: (4 locations) Sample Time: | 36.38887, -106. 8575 | | |
| Shovel depth (ft)*: | 9:5/ | | |
| | 4.25 | | |
| Auger/Sample depth (ft) | | | |
| Soil characteristics: odor, color, texture) | Brown, Clary, Huist, No ader No Szining | | |
| | | CELL #2 | |
| Sample ID: | Cell #2 VZ DS-1 | | |
| GPS: (4 locations) | 36.39031, -106.86665 | | |
| Sample Time: | 10:21 | | |
| shovel depth (ft)*: | 4.0 | | |
| uger/Sample depth (ft) | 4.25 | | |
| oil characteristics: | Wenthered 55, w/ duy, Dry | | |
| odor, color, texture) | 4.25 Wenthered 55, w/ duy, Dry No odn, No Staming | | |
| ample ID: | Cell #3 VZ DS-1 | CELL #3 | |
| GPS: (4 locations) | | | |
| Sample Time: | 36.38934,-106.86465 | | |
| hovel depth (ft)*: | 4.0 | | |
| Auger/Sample depth (ft) | 4.25 | | |
| oil characteristics: | SI. Morst, Sand, San-Known | | |
| odor, color, texture) | NO O due, No Staining | | |
| | | CELL #4 | |
| | Cell #4 VZ DS-1 | | |
| ample ID: | | | |
| PS: (4 locations) | 36.38897 -106.86234 | | |
| PS: (4 locations) ample Time: | /1:28 | | |
| PS: (4 locations) ample Time: hovel depth (ft)*: | 11:2.8 4.25 | | |
| PS: (4 locations) ample Time: hovel depth (ft)*: uger/Sample depth (ft) | 11:28 4.25 4.5 | | |
| PS: (4 locations) ample Time: hovel depth (ft)*: | 11:2.8 4.25 | | |

1 1 2 2

| | | D GROUND JREMENT F | | Animas Environmental Services 624 E. Comanche St, Farmington NM 87401 Tel. (505) 564-2281 animasenvironmental.com |
|--------------------------------------|-----------------------|------------------------|------------------------|---|
| Project: | Groundwater M | Ionitoring and | Sampling | Project No.: |
| Site: | Evaporation Po | nd | | Date: (1-29-23 |
| Location: | BMG Landfarm | | | Time: 1143 - 1355 |
| Tech: | a | 150 | | Form: |
| Well ID | Depth to NAPL (ft) | Depth to Water (ft) | NAPL Thickness (ft) | Notes / Observations |
| MW-1 | 1 | 39.32 | - | |
| MW-2 | - | 40.39 | 1 | |
| MW-3 | | 39.61 | _ | |
| MW-4 | 1 | 40.17 | 1 | |
| Interstitial Well Interstitial | | 10.63 | _ | 11.29 C 12:12 |
| Well | | | | |
| | | | | |
| Wollsmass | ured with KECK wa | tor loval or KEC | K interface tang | econtaminated between each well measurement. |

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| MON | ITORING W | ELL SAMPLI | NG RECC | DRD | Animas Environmental Services | | | |
|-----------|---|-------------------|-------------|-----------|--|---------------------------|--|--|
| Mon | itor Well No: | MW- | 1 | | 624 E. Comanche St., Farmington NM 87401 | | | |
| | 1.9 | | | | | Tel. (505) 564-2281 Fax | (505) 324-2022 | |
| Site: | Evaporation P | ond | | | Project No.: AES | | | |
| Location: | | | | | | Date: -29-2 | | |
| Project: | Groundwater | Monitoring and | Sampling | | | Arrival Time: 17(5 | | |
| Samplin | g Technician: | cian: CUJO | | | | Air Temp: <u>73'F P</u> | | |
| | / No Purge Purge | | | | | D.C. Elev. (ft): | | |
| | Well Diameter (in): 2 | | | | | ell Depth (ft): 45. | | |
| | al D.T.W. (ft): | | Time: | | | (taken at initial gauging | | |
| | | 39.32 | | | 17 | | | |
| | Final D.T.W. (ft): <u>44.76</u> Time: (If NAPL Present: D.T.P.: _ D.T.W.: _ | | - | 34 | | | | |
| If N | IAPL Present: | | | | | kness: Time | - | |
| | | Water Quali | | | | uring Well Purging | | |
| | | | YSI | L - Calib | T | -17-23 JD | | |
| | Temp | Conductivity | DO | | ORP | PURGED VOLUME | and the second s | |
| Time | (deg C) | (µ\$) (mS) | (mg/L) | рН | (mV) | (see reverse for calc.) | Notes/Observation | |
| 12:24 | 12.6 | 1084 | 4.04 | 7.16 | 137.5 | mitial | Clear / No odr | |
| 12:27 | 12.7 | 1107 | 4.19 | 7.17 | 110.3 | 1.0 | Tanbid / Low Yrd L | |
| 12:31 | | | | | | | Samples allectes | |
| 10.01 | | | | | | | p | |
| - | | | | | | | | |
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| | | | | | | | containara) | |
| | | | | | | ber and type of sample | containers) | |
| | F | ull VOCs per EP | A Method | 8021 (3 - | 40 mL Vi | als w/ HgCl2 preserve) | | |
| | | | | | | nL amber glass w/ no pr | | |
| TDS | per EPA Meth | od SM2540C an | d Chloride: | s per EPA | Method | 300.0 (1-500mL Plastic | w/ no preserve) | |
| | | Disposal of Pur | | | | | | |
| C/ | | les Stored on Ice | | | | | | |
| C | | | | | | | | |
| | Chain of | Custody Record | | | ironwar | tal Analysis Laboratory | | |
| | La carica | | | | | tal Analysis Laboratory, | | |
| Equip | oment Used D | | | | Keck Int | terface Level, YSI Water | Quality Meter | |
| | | | v Disposabl | | | | | |
| otes/Com | ments: Culcu | lated Parge | . Vanne | e~ 3.0 | Gallon | A | | |
| | | 0 | | | | | | |
| | | | | | | | | |

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| MONITORING WELL SAMPLING RECORD | | | | | | Animas Environmental Services | | |
|---------------------------------|----------------------------|-------------------|------------|------------|--|---|-----------------------------|--|
| Moni | tor Well No: | MW- | 2 | | 624 E. Comanche St., Farmington NM 87401 | | | |
| | | | | - | | Tel. (505) 564-2281 Fax | (505) 324-2022 | |
| Site: | Evaporation P | ond | | | Project No.: AES | | | |
| Location: | BMG | | | | | Date: 1-29-2 | 23 | |
| Project: | Groundwater | Monitoring and | Sampling | | | Arrival Time: | | |
| Samplin | g Technician: | 9/30 | - | | Air Temp: 29% Clu | ndy | | |
| Purg | Purge / No Purge Purge | | | | | D.C. Elev. (ft): ell Depth (ft): 45. | | |
| | Diameter (in): | | _ | | | | | |
| | | | Time: | B:29 | 3 | (taken at initial gauging | g of all wells) | |
| | | 40.39 | | | | (taken prior to purging | | |
| | al D.T.W. (ft): | | | | | (taken after sample col | | |
| If N | IAPL Present: | D.T.P.: | D.T.W. | | _ Thic | kness: Time | | |
| | | Water Qualit | y Paramet | ters - Rec | orded Du | uring Well Purging | | |
| | | | YSI | / - Calib | orated: // | -17-23 JU | | |
| | Temp | Conductivity | DO | | ORP | PURGED VOLUME | | |
| Time | (deg C) | (uS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | | |
| 13:36 | 11.6 | 1315 | 4.69 | 7.17 | 99.1 | Initial | STan St. Tunkid No coler | |
| 13:39 | 11.4 | 1252 | 5.21 | 7.21 | 111.8 | 1.0 | Fundid / No oder | |
| 13:43 | 11. 4 | 1-12 | 141 | 1.01 | 1.1 | | Samples Conceted | |
| 17.72 | | | | | | | Lerv Yodd | |
| | | | | | | | Lew grota | |
| _ | | | | | | | | |
| - | | | | | 1 | | | |
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| _ | | | | - | - | | | |
| | | | | | - | | | |
| | Analytical Pa | rameters (includ | e analysis | method a | and num | ber and type of sample | containers) | |
| | | Full VOCs per EP | A Method | 8021 (3 - | 40 mL Vi | als w/ HgCl2 preserve) | | |
| | | | | | | mL amber glass w/ no pr | eserve) | |
| TDS | | | | | | 300.0 (1-500mL Plastic | | |
| 105 | per EPA Weti | | | | | | wy no preservey | |
| | | Disposal of Purg | | | Groupel | | | |
| Co | and the state of the state | les Stored on Ice | | | | | | |
| | Chain of | Custody Record | Complete | : yes | | | | |
| | | Analytical L | aboratory | Hall Env | ironmen | tal Analysis Laboratory, | Albuquerque, NM | |
| Equip | ment Used D | uring Sampling: | Keck Wate | er Level o | Keck Int | terface Level, YSI Water | Quality Meter | |
| | | | / Disposab | | | | | |
| lotes/Com | ments: Cale | ulated purge 1 | | | llons. | | | |
| 51007 0011 | | | | | | | | |
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| | itor Well No: | N/1M/- | - | MONITORING WELL SAMPLING RECORD | | | | | |
|---|--------------------------|-----------------------|------------|---------------------------------|--|---|--|--|--|
| | and a second second | Monitor Well No: MW-3 | | | | | 624 E. Comanche St., Farmington NM 87401 | | |
| C | | | | | | Tel. (505) 564-2281 Fax (505) 324-2022 | | | |
| Location: | Evaporation P | ond | | | Project No.: AES | | | | |
| Project: Groundwater Monitoring and Sampling | | | | | | Date: 11-29- | .23 | | |
| | | | | | | Arrival Time: 13:02 | | | |
| and the second se | npling Technician: CL/50 | | | | | Air Temp: 33°F P.C | | | |
| | Purge / No Purge: Purge | | | | | D.C. Elev. (ft): | | | |
| | | | | | | ell Depth (ft): 45. | | | |
| | | | | | | (taken at initial gaugin (taken prior to purging | | | |
| | | | | | (taken after sample col | | | | |
| | | | | | | kness: Time | | | |
| | ALTICSCH | | - | | 2 | | | | |
| | | water Quality | | | | uring Well Purging | | | |
| | T | Construction 1 | - | | 1 | PURGED VOLUME | | | |
| 200 | Temp | Conductivity | DO | | ORP | | | | |
| Time | (deg C) | (µS) (mS) | (mg/L) | рН | (mV) | (see reverse for calc.) | | | |
| 13:10 | 12.2 | 2020 | 1.78 | 6.98 | 80.2 | Initial | dear No odar | | |
| 13:13 | 12.0 | 2029 | 3.25 | 7.05 | 98.7 | 1.0 | Tandoid Nodar | | |
| 13:17 | | | | | | | Samples Collected | | |
| | | 1 | | 1 i, | | | V. Low Yield | | |
| | | | | 1 | | | | | |
| | | 1 | | 1. | | | | | |
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| | Analytical Par | ameters (includ | e analysis | method a | nd num | ber and type of sample | containers) | | |
| | | | AMathad | 0021/2 | 10 ml \/i | als w/ HgCl2 preserve) | | | |
| | | | | | | | | | |
| 700 | | | | | | nL amber glass w/ no pr | | | |
| TDS | per EPA Meth | | | | and the second s | 300.0 (1-500mL Plastic | w/ no preserve) | | |
| | | Disposal of Purg | | | h. br | ound | | | |
| Co | ollected Samp | es Stored on Ice | in Cooler | : Yu | | | | | |
| | Chain of | Custody Record | Complete | : yes | | | | | |
| | | Analytical L | aboratory | Hall Envi | ronmen | tal Analysis Laboratory, | Albuquerque, NM | | |
| Equip | ment Used Du | uring Sampling: | Keck Wate | er Level or | Keck Int | terface Level, YSI Water | Quality Meter | | |
| | | | / Disposab | | | | | | |
| otes/Com | ments: Colon | afed Purge | | | ballons | | | | |
| 0.001 0011 | Monton MM - M | in inige | VUL | V AS | | | | | |
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| Mor | itor Well No: | MW | .4 | | 62 | 4 E. Comanche St., Farm | hington NM 87401 |
|-----------|------------------|--|---|-----------|------------|--------------------------|--|
| IVIOI | ntor wen no. | 10100 | - | · | | Tel. (505) 564-2281 Fax | 동물 가지 않는 것을 알려야 할 때 없 |
| Site: | Evaporation P | ond | | | | Project No.: AES | |
| Location: | BMG | | | | | Date: 11-29-2 | 3 |
| Project: | Groundwater | Monitoring and | Sampling | | | Arrival Time: 12:40 | |
| Samplin | ng Technician: | CHJ | D | | | Air Temp: 549F P.C | londy |
| Pur | ge / No Purge: | Purge | 9 | | т.с | D.C. Elev. (ft): | 4 |
| Well | Diameter (in): | 2 | | | Total W | ell Depth (ft): 45. | |
| Init | ial D.T.W. (ft): | 40.17 | Time: | 12:4 | 5 | (taken at initial gaugin | |
| Confir | m D.T.W. (ft): | 40.17 | Time: | 12:4 | | (taken prior to purging | |
| | al D.T.W. (ft): | | Time: | /3: | | (taken after sample col | |
| If | NAPL Present: | D.T.P.: | D.T.W.: | | _ Thic | kness: <u> </u> | : |
| | | Water Quali | · · · · · · · · · · · · · · · · · · · | | | uring Well Purging | |
| | 1 | | | <u> </u> | T | -17-23 | |
| | Temp | Conductivity | DO | | ORP | PURGED VOLUME | Contraction of the |
| Time | (deg C) | (µS) (mS) | (mg/L) | pH | (mV) | (see reverse for calc.) | Notes/Observations |
| 12:53 | 12.7 | 1224 | 4.11 | 7.09 | 78.9 | Initial | dear No der Yiel |
| 12:56 | 12.6 | 1243 | 3.77. | 7.08 | 90.7 | 1.0 | SI. Turbid / Low Yreld |
| 12:53 | | | | | 1 | | Sangles Collected |
| | - | | 1 | | | | V. Low Yield |
| | | | | | | | 0.000 0.000 |
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| | | | | - | - | | |
| | | | | 1 | | | |
| | Analytical Pa | rameters (includ | le analysis | method | and num | ber and type of sample | containers) |
| | 1 | -ull VOCs per EP | A Method 8 | 8021 (3 - | 40 mL Vi | als w/ HgCl2 preserve) | |
| | TPH (GRC | /DRO/MRO) pe | r EPA Meth | od 8015 | (1 - 250 r | nL amber glass w/ no pr | eserve) |
| TD: | S per EPA Meth | od SM2540C an | d Chlorides | s per EPA | Method | 300.0 (1-500mL Plastic | w/ no preserve) |
| | | Disposal of Pur | ged Water: | On the | Grow | 4 | |
| C | ollected Samp | les Stored on Ico | | | | | |
| | | Custody Record | | | | | |
| | chain 01 | and the state of the latest of the second | 1 - 1 - 2 - 2 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 | | ironmon | tal Analysis Laboratory, | |
| | | | | - | | | The second s |
| Equi | pment Used D | | | | r Keck Int | terface Level, YSI Water | Quality Meter |
| | A | and the second division of the second divisio | v Disposabl | | | | |
| lotes/Con | nments: | lated Purge V | dume 2 | 2.5 GW | hous | | |
| | | | | | | | |

| | | VELL SAMPLI | | KD | Animas Environmental Services | | | | | |
|---|----------------|---|--------------------|-----------|-------------------------------|---------------------------|-------------------|--|--|--|
| Mon | itor Well No: | Interstitia | al Well | | 62 | 24 E. Comanche St., Farm | nington NM 87401 | | | |
| | | | | | | Tel. (505) 564-2281 Fax | (505) 324-2022 | | | |
| | Evaporation I | Pond | | | | Project No.: AES | | | | |
| Location: | | | | | | Date: 11-29-2 | | | | |
| and the second se | | Monitoring and | | _ | | Arrival Time: 50 | | | | |
| | g Technician: | | | | | Air Temp: 33°F P(| londy | | | |
| | | Purge | 9 | | Т.С | D.C. Elev. (ft): | | | | |
| | Diameter (in): | | | | fotal W | ell Depth (ft): 12. | 12 | | | |
| | | 10.63 | | 11:5 | 5 | _(taken at initial gaugin | g of all wells) | | | |
| | | 11.29 | | | | (taken prior to purging | | | | |
| | | 11.29 | | | | (taken after sample col | | | | |
| IT N | IAPL Present: | | | | | kness: Time | | | | |
| | | Water Quality | | | | uring Well Purging | | | | |
| | | | YSI | Calibr | ated: | Jot used | | | | |
| 1.0 | Temp | Conductivity | DO | | ORP | PURGED VOLUME | Sec. Sec. | | | |
| Time | (deg C) | (µS) (mS) | (mg/L) | рН | (mV) | (see reverse for calc.) | Notes/Observation | | | |
| | | | | | | | No Water Qualit | | | |
| | | | | | | | Readings | | | |
| | | | | | | | 1 cooling to | | | |
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| | Analytical Par | ameters (includ | e analysis n | nethod ar | nd num | ber and type of sample | containers) | | | |
| | | | | | | | | | | |
| _ | | | | | - | als w/ HgCl2 preserve) | | | | |
| | | | | | | nL amber glass w/ no pre | | | | |
| TDS | | the second se | | | | 300.0 (1-500mL Plastic v | v/ no preserve) | | | |
| | | Disposal of Purg | ged Water: | Ata Inti | o the | Evap. Poul | | | | |
| Co | llected Sampl | es Stored on Ice | in Cooler: | No Som | ples | | | | | |
| | | Custody Record | | | | | | | | |
| | | | 1994 A 1997 A 1997 | | onment | al Analysis Laboratory, A | Nhuquorquo NM | | | |
| Faults | | | Contraction of the | | | | | | | |
| Equip | ment Used Di | | 53 M 4 M 4 | | eck Int | erface Level, YSI Water (| Quality Meter | | | |
| - | | | Disposable | | ~ | | | | | |
| otes/Com | ments: Alemp | t to bail of | 16 water. | and se | u if | Recharge occur | d. | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Received by OCD: 3/6/2024 10:51:20 AM

BMG Landfarm Soil Sampling - Vadose Zone (VZ)

| Date: 11-29-23 | Sampling Technician: 0/50 |
|---|--|
| | CELL #1 |
| Sample ID: | Cell #1 VZ DS-1 |
| GPS: (4 locations) | 36.38938,-106.86697 |
| Sample Time: | 10:44 |
| Shovel depth (ft)*: | 4.0 |
| Auger/Sample depth (ft): | 4.26 |
| Soil characteristics: (odor, color, texture) | Brown, Clay, Hard, No Odar No Staining, Minist, Fine Grained |
| | CELL #2 |
| Sample ID: | Cell #2 VZ DS-1 |
| GPS: (4 locations) | 36.38989, -104.86575 |
| Sample Time: | 1:00 |
| Shovel depth (ft)*: | 4.25 |
| Auger/Sample depth (ft): Soil characteristics: | 4.5 |
| (odor, color, texture) | Tan, Sand ul clay, No Staining, Moist, M& |
| | CELL #3 |
| Sample ID: | Cell #3 VZ DS-1 |
| GPS: (4 locations) | 36.38907,-106.86490 |
| Sample Time: | 11:16 |
| Shovel depth (ft)*: | 4.25 |
| Auger/Sample depth (ft): | 4.5 |
| Soil characteristics: (odor, color, texture) | Tam-Brown, Sundal Clarg. No Oder, No Staining, Moit, FG |
| | CELL #4 |
| Sample ID: | Cell #4 VZ DS-1 |
| GPS: (4 locations) | 36.38904, -106.86257 |
| Sample Time: | 1/:31 |
| Shovel depth (ft)*: | 4.0 |
| Auger/Sample depth (ft): | 4.25 |
| Soil characteristics: (odor, color, texture) | Brown, Sand, FG, No odor, Nostmining, Sl. Moist. |
| * - Backhoe used to shovel Additional Notes: | |



Released to Imaging: 4/8/2025 1:00:45 PM



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

March 28, 2023

Angela Ledgerwood Animas Environmental Services 624 E. Comanche Farmington, NM 87401 TEL: (505) 564-2281 FAX (505) 324-2022

RE: BMG Landfarm MWs Interstitial Well

OrderNo.: 2303A31

Dear Angela Ledgerwood:

Hall Environmental Analysis Laboratory received 4 sample(s) on 3/21/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2303A31 Date Reported: 3/28/2023

CLIENT: Animas Environmental Services Client Sample ID: MW-1 **Project:** BMG Landfarm MWs Interstitial Well Collection Date: 3/17/2023 11:47:00 AM 2303A31-001 Lab ID: Matrix: GROUNDWA Received Date: 3/21/2023 6:20:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|-------------------------------------|--------|----------|------|-------|----|-----------------------|--------|
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: | NAI |
| Chloride | 48 | 5.0 | | mg/L | 10 | 3/21/2023 10:30:36 AM | R95458 |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst: | RBC |
| Total Dissolved Solids | 800 | 250 | *D | mg/L | 1 | 3/24/2023 3:04:00 PM | 73882 |
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | | Analyst: | PRD |
| Diesel Range Organics (DRO) | ND | 1.0 | | mg/L | 1 | 3/25/2023 1:32:13 AM | 73924 |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | mg/L | 1 | 3/25/2023 1:32:13 AM | 73924 |
| Surr: DNOP | 96.5 | 54.5-177 | | %Rec | 1 | 3/25/2023 1:32:13 AM | 73924 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: | ССМ |
| Gasoline Range Organics (GRO) | ND | 0.050 | | mg/L | 1 | 3/22/2023 2:42:00 PM | GW9549 |
| Surr: BFB | 99.4 | 70-130 | | %Rec | 1 | 3/22/2023 2:42:00 PM | GW9549 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: | ССМ |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | µg/L | 1 | 3/22/2023 2:42:00 PM | BW9549 |
| Benzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 2:42:00 PM | BW9549 |
| Toluene | ND | 1.0 | | µg/L | 1 | 3/22/2023 2:42:00 PM | BW9549 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 2:42:00 PM | BW9549 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 3/22/2023 2:42:00 PM | BW9549 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 2:42:00 PM | BW9549 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 2:42:00 PM | BW9549 |
| Surr: 4-Bromofluorobenzene | 95.5 | 70-130 | | %Rec | 1 | 3/22/2023 2:42:00 PM | BW9549 |

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2303A31

Date Reported: 3/28/2023

| CLIENT: | Animas Environmental Services | | | C | lient Sample ID: MW-2 |
|-----------------|-------------------------------|---------|----------|---|--|
| Project: | BMG Landfarm MWs Interstitial | Well | | (| Collection Date: 3/17/2023 2:15:00 PM |
| Lab ID: | 2303A31-002 | Matrix: | GROUNDWA | | Received Date: 3/21/2023 6:20:00 AM |

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|-------------------------------------|--------|----------|------|-------|----|-----------------------|--------|
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: | NAI |
| Chloride | 140 | 5.0 | | mg/L | 10 | 3/21/2023 11:22:03 AM | R95458 |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst: | RBC |
| Total Dissolved Solids | 722 | 100 | *D | mg/L | 1 | 3/24/2023 3:04:00 PM | 73882 |
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | | Analyst: | PRD |
| Diesel Range Organics (DRO) | ND | 1.0 | | mg/L | 1 | 3/25/2023 1:42:40 AM | 73924 |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | mg/L | 1 | 3/25/2023 1:42:40 AM | 73924 |
| Surr: DNOP | 97.2 | 54.5-177 | | %Rec | 1 | 3/25/2023 1:42:40 AM | 73924 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: | ССМ |
| Gasoline Range Organics (GRO) | ND | 0.050 | | mg/L | 1 | 3/22/2023 3:04:00 PM | GW9549 |
| Surr: BFB | 101 | 70-130 | | %Rec | 1 | 3/22/2023 3:04:00 PM | GW9549 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: | ССМ |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | µg/L | 1 | 3/22/2023 3:04:00 PM | BW9549 |
| Benzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 3:04:00 PM | BW9549 |
| Toluene | ND | 1.0 | | µg/L | 1 | 3/22/2023 3:04:00 PM | BW9549 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 3:04:00 PM | BW9549 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 3/22/2023 3:04:00 PM | BW9549 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 3:04:00 PM | BW9549 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 3:04:00 PM | BW9549 |
| Surr: 4-Bromofluorobenzene | 95.4 | 70-130 | | %Rec | 1 | 3/22/2023 3:04:00 PM | BW9549 |

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

Qualifiers:

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

RL

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2303A31

Date Reported: 3/28/2023

| CLIENT: | Animas Environmental Services | | | Cl | ient Sample ID: MW-3 |
|----------|-------------------------------|---------|----------|----|--|
| Project: | BMG Landfarm MWs Interstitial | Well | | (| Collection Date: 3/17/2023 1:26:00 PM |
| Lab ID: | 2303A31-003 | Matrix: | GROUNDWA | | Received Date: 3/21/2023 6:20:00 AM |

| Analyses | Result | RL | Qual | Units | DF Date Analyzed Batc | h |
|-------------------------------------|--------|----------|------|-------|--------------------------------|------|
| EPA METHOD 300.0: ANIONS | | | | | Analyst: NAI | |
| Chloride | 280 | 50 | * | mg/L | 100 3/21/2023 12:26:20 PM R954 | 458 |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | Analyst: RBC | ; |
| Total Dissolved Solids | 1040 | 100 | *D | mg/L | 1 3/24/2023 3:04:00 PM 7388 | 12 |
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | Analyst: PRD |) |
| Diesel Range Organics (DRO) | ND | 1.0 | | mg/L | 1 3/25/2023 1:53:05 AM 7392 | 24 |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | mg/L | 1 3/25/2023 1:53:05 AM 7392 | 24 |
| Surr: DNOP | 92.6 | 54.5-177 | | %Rec | 1 3/25/2023 1:53:05 AM 7392 | 24 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCN | Λ |
| Gasoline Range Organics (GRO) | ND | 0.050 | | mg/L | 1 3/22/2023 3:25:00 PM GW9 | 9549 |
| Surr: BFB | 105 | 70-130 | | %Rec | 1 3/22/2023 3:25:00 PM GW9 | 9549 |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCN | Λ |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | µg/L | 1 3/22/2023 3:25:00 PM BW9 | 549 |
| Benzene | ND | 1.0 | | µg/L | 1 3/22/2023 3:25:00 PM BW9 | 549 |
| Toluene | ND | 1.0 | | µg/L | 1 3/22/2023 3:25:00 PM BW9 | 549 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 3/22/2023 3:25:00 PM BW9 | 549 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 3/22/2023 3:25:00 PM BW9 | 9549 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 3/22/2023 3:25:00 PM BW9 | 9549 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 3/22/2023 3:25:00 PM BW9 | 9549 |
| Surr: 4-Bromofluorobenzene | 97.4 | 70-130 | | %Rec | 1 3/22/2023 3:25:00 PM BW9 | 549 |

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

Qualifiers:

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

RL

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2303A31

Date Reported: 3/28/2023

| CLIENT: | Animas Environmental Services | | Client Sample ID: MW-4 |
|----------|-------------------------------|------------------|--|
| Project: | BMG Landfarm MWs Interstitial | Well | Collection Date: 3/17/2023 12:30:00 PM |
| Lab ID: | 2303A31-004 | Matrix: GROUNDWA | Received Date: 3/21/2023 6:20:00 AM |

| Analyses | Result | RL | Qual | Units | DF I | Date Analyzed | Batch |
|-------------------------------------|--------|----------|------|-------|------|-----------------------|--------|
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: | NAI |
| Chloride | 84 | 5.0 | | mg/L | 10 | 3/21/2023 12:39:12 PM | R95458 |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst: | RBC |
| Total Dissolved Solids | 720 | 100 | *D | mg/L | 1 | 3/24/2023 3:04:00 PM | 73882 |
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | | Analyst: | PRD |
| Diesel Range Organics (DRO) | ND | 1.0 | | mg/L | 1 | 3/25/2023 2:03:29 AM | 73924 |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | mg/L | 1 | 3/25/2023 2:03:29 AM | 73924 |
| Surr: DNOP | 96.2 | 54.5-177 | | %Rec | 1 | 3/25/2023 2:03:29 AM | 73924 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: | ССМ |
| Gasoline Range Organics (GRO) | ND | 0.050 | | mg/L | 1 | 3/22/2023 3:47:00 PM | GW9549 |
| Surr: BFB | 98.0 | 70-130 | | %Rec | 1 | 3/22/2023 3:47:00 PM | GW9549 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: | ССМ |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | µg/L | 1 | 3/22/2023 3:47:00 PM | BW9549 |
| Benzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 3:47:00 PM | BW9549 |
| Toluene | ND | 1.0 | | µg/L | 1 | 3/22/2023 3:47:00 PM | BW9549 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 3:47:00 PM | BW9549 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 3/22/2023 3:47:00 PM | BW9549 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 3:47:00 PM | BW9549 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 1 | 3/22/2023 3:47:00 PM | BW9549 |
| Surr: 4-Bromofluorobenzene | 96.4 | 70-130 | | %Rec | 1 | 3/22/2023 3:47:00 PM | BW9549 |

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

Qualifiers:

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

RL

Page 4 of 10

| Client: Project: | | Environme ndfarm M | | vices rstitial Well | l | | | | | | | |
|---------------------|----------------|-----------------------|-----------------|------------------------|---------------------|-----------------|-----------|---------------|------|----------|------|--|
| Sample ID: | МВ | SampT | ype: mł | olk | Tes | tCode: El | PA Method | 300.0: Anions | ; | | | |
| Client ID: | PBW | Batcl | n ID: R9 | 5458 | RunNo: 95458 | | | | | | | |
| Prep Date: | | Analysis D | Date: 3/ | 21/2023 | S | SeqNo: 3 | 453172 | Units: mg/L | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Chloride | | ND | 0.50 | | | | | | | | | |
| Sample ID: | LCS | SampT | ype: Ics | 5 | Tes | tCode: El | PA Method | 300.0: Anions | ; | | | |
| Client ID: | LCSW | Batcl | n ID: R9 | 5458 | 5458 RunNo: 95458 | | | | | | | |
| Prep Date: | | Analysis E | Date: 3/ | 21/2023 | S | SeqNo: 3 | 453173 | Units: mg/L | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Chloride | | 4.7 | 0.50 | 5.000 | 0 | 93.9 | 90 | 110 | | | | |
| Sample ID: | 2303A31-001CMS | SampT | ype: ms | 5 | Tes | tCode: El | PA Method | 300.0: Anions | ; | | | |
| Client ID: | MW-1 | Batcl | n ID: R9 | 5458 | F | RunNo: 9 | 5458 | | | | | |
| Prep Date: | | Analysis E | Date: 3/ | 21/2023 | S | SeqNo: 3 | 453175 | Units: mg/L | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Chloride | | 96 | 5.0 | 50.00 | 47.66 | 97.6 | 80.7 | 112 | | | | |
| Sample ID: | 2303A31-001CMS | D SampT | ype: ms | sd | Tes | tCode: El | PA Method | 300.0: Anions | 5 | | | |
| Client ID: | MW-1 | Batcl | n ID: R9 | 5458 | F | RunNo: 9 | 5458 | | | | | |
| Prep Date: | | Analysis D | Date: 3/ | 21/2023 | S | SeqNo: 3 | 453176 | Units: mg/L | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Chloride | | 95 | 5.0 | 50.00 | 47.66 | 95.3 | 80.9 | 111 | 1.18 | 20 | | |

Qualifiers:

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

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2303A31

28-Mar-23

2303A31

WO#:

| Hall Environmental Analysis Laboratory, Inc. | | | | | | | | | | 28-Mar-23 | |
|--|------------------------|-----------------|-----------|----------------|-----------------|-----------|--------------|-----------|----------|-----------|--|
| | Environme andfarm M | | | 1 | | | | | | | |
| Sample ID: MB-73924 | SampT | ype: ME | BLK | Tes | tCode: E | PA Method | 8015M/D: Die | sel Range | e | | |
| Client ID: PBW Batch ID: 73924 | | | | F | RunNo: 9 | 5507 | | | | | |
| Prep Date: 3/24/2023 | Analysis D |)ate: 3/ | /25/2023 | SeqNo: 3457782 | | | Units: mg/L | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Diesel Range Organics (DRO) | ND | 1.0 | | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | | | | | | | | |
| Surr: DNOP | 0.48 | | 0.5000 | | 96.6 | 54.5 | 177 | | | | |
| Sample ID: LCS-73924 | SampT | ype: LC | s | Tes | tCode: E | PA Method | 8015M/D: Die | sel Range | e | | |
| Client ID: LCSW | Batcl | n ID: 73 | 924 | F | RunNo: 9 | 5507 | | | | | |
| Prep Date: 3/24/2023 | Analysis D |)ate: 3/ | /25/2023 | S | SeqNo: 3 | 457783 | Units: mg/L | | | | |

| Prep Date: 3/24/2023 | Analysis D | ate: 3/ | 25/2023 | S | SeqNo: 3 | 457783 | Units: mg/L | | | |
|-----------------------------|------------|---------|-----------|-------------|----------|----------|-------------|------|----------|------|
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 2.6 | 1.0 | 2.500 | 0 | 106 | 68.4 | 146 | | | |
| Surr: DNOP | 0.26 | | 0.2500 | | 104 | 54.5 | 177 | | | |

Qualifiers:

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

Page 6 of 10

| | Environme ndfarm M | | vices stitial Well | l | | | | | | |
|-------------------------------|-----------------------|-----------------|-----------------------|-------------|----------------|-----------|-------------|----------|----------|------|
| Sample ID: 2.5UG GRO LCS | Samp ⁻ | Гуре: LC | S | Tes | tCode: El | PA Method | 8015D: Gaso | ine Rang | e | |
| Client ID: LCSW | Batc | h ID: GV | V95490 | F | unNo: 9 | 5490 | | | | |
| Prep Date: | Analysis [| Date: 3/ | 22/2023 | S | eqNo: 34 | 454026 | Units: mg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 0.51 | 0.050 | 0.5000 | 0 | 102 | 70 | 130 | | | |
| Surr: BFB | 47 | | 20.00 | | 233 | 70 | 130 | | | S |
| Sample ID: mb | Samp | Гуре: МЕ | BLK | Tes | tCode: El | PA Method | 8015D: Gaso | ine Rang | e | |
| Client ID: PBW | Batc | h ID: GV | V95490 | F | unNo: 9 | 5490 | | | | |
| Prep Date: | Analysis [| Date: 3/ | 22/2023 | S | eqNo: 34 | 454027 | Units: mg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 0.050 | | | | | | | | |
| Surr: BFB | 21 | | 20.00 | | 105 | 70 | 130 | | | |

Qualifiers:

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

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2303A31

28-Mar-23

Client:

Project:

Toluene

Ethylbenzene

Xylenes, Total

1,2,4-Trimethylbenzene

1,3,5-Trimethylbenzene

Surr: 4-Bromofluorobenzene

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Animas Environmental Services

BMG Landfarm MWs Interstitial Well

20

20

59

20

19

19

1.0

1.0

2.0

1.0

1.0

20.00

20.00

60.00

20.00

20.00

20.00

| Sample ID: 100ng btex lcs | SampT | ype: LC | s | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
|--------------------------------|------------|----------|-----------|---------------------|-----------------|-----------|--------------|------|----------|------|
| Client ID: LCSW | Batcl | h ID: BV | V95490 | RunNo: 95490 | | | | | | |
| Prep Date: | Analysis D | Date: 3/ | 22/2023 | S | SeqNo: 34 | 454421 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | 21 | 2.5 | 20.00 | 0 | 104 | 70 | 130 | | | |
| Benzene | 19 | 1.0 | 20.00 | 0 | 97.1 | 70 | 130 | | | |
| Toluene | 20 | 1.0 | 20.00 | 0 | 98.2 | 70 | 130 | | | |
| Ethylbenzene | 20 | 1.0 | 20.00 | 0 | 98.3 | 70 | 130 | | | |
| Xylenes, Total | 59 | 2.0 | 60.00 | 0 | 98.4 | 70 | 130 | | | |
| 1,2,4-Trimethylbenzene | 20 | 1.0 | 20.00 | 0 | 101 | 70 | 130 | | | |
| 1,3,5-Trimethylbenzene | 19 | 1.0 | 20.00 | 0 | 97.2 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 106 | 70 | 130 | | | |
| Sample ID: mb | SampT | ype: ME | BLK | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
| Client ID: PBW | Batcl | h ID: BV | V95490 | F | RunNo: 9 | 5490 | | | | |
| Prep Date: | Analysis E | Date: 3/ | 22/2023 | S | SeqNo: 34 | 454422 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | ND | 2.5 | | | | | | | | |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 2.0 | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 21 | | 20.00 | | 103 | 70 | 130 | | | |
| Sample ID: 2303A31-001ams | SampT | Гуре: М | 6 | Tes | tCode: El | PA Method | 8021B: Volat | iles | | |
| Client ID: MW-1 | Batcl | h ID: BV | V95490 | F | RunNo: 9 | 5490 | | | | |
| Prep Date: | Analysis D | Date: 3/ | 22/2023 | S | SeqNo: 34 | 454430 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | 20 | 2.5 | 20.00 | 0 | 99.8 | 70 | 130 | | | |
| Benzene | 19 | 1.0 | 20.00 | 0 | 97.2 | 70 | 130 | | | |

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank

98.1

98.3

98.0

98.1

94.8

97.1

70

70

70

70

70

70

130

130

130

130

130

130

- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

0

0

0

0

0

Page 8 of 10

WO#: 2303A31

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

Value exceeds Maximum Contaminant Level.

Holding times for preparation or analysis exceeded

Sample Diluted Due to Matrix

PQL Practical Quanitative Limit

Not Detected at the Reporting Limit

Qualifiers:

*

D

Н

ND

S

| Client: | Animas Environmental Services |
|----------|------------------------------------|
| Project: | BMG Landfarm MWs Interstitial Well |

| Sample ID: 2303A31-001amsd | I SampT | ype: MS | D | Tes | tCode: El | PA Method | 8021B: Volati | iles | | |
|--------------------------------|------------|-----------------|-----------|-------------|-----------------|-----------|---------------|-------|----------|------|
| Client ID: MW-1 | Batch | n ID: BW | /95490 | F | RunNo: 9 | 5490 | | | | |
| Prep Date: | Analysis D | ate: 3/2 | 22/2023 | S | SeqNo: 3 | 454431 | Units: µg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | 19 | 2.5 | 20.00 | 0 | 96.3 | 70 | 130 | 3.59 | 20 | |
| Benzene | 19 | 1.0 | 20.00 | 0 | 93.6 | 70 | 130 | 3.81 | 20 | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 94.7 | 70 | 130 | 3.52 | 20 | |
| Ethylbenzene | 19 | 1.0 | 20.00 | 0 | 95.2 | 70 | 130 | 3.23 | 20 | |
| Xylenes, Total | 57 | 2.0 | 60.00 | 0 | 95.4 | 70 | 130 | 2.65 | 20 | |
| 1,2,4-Trimethylbenzene | 20 | 1.0 | 20.00 | 0 | 98.4 | 70 | 130 | 0.282 | 20 | |
| 1,3,5-Trimethylbenzene | 19 | 1.0 | 20.00 | 0 | 95.5 | 70 | 130 | 0.677 | 20 | |
| Surr: 4-Bromofluorobenzene | 19 | | 20.00 | | 94.6 | 70 | 130 | 0 | 0 | |

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

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WO#: 2303A31 28-Mar-23

Total Dissolved Solids

ND

50.0

| L. | | ntal Analysis Laboratory, 3 | Inc. | | | WO#: | 2303A31 28-Mar-23 |
|---------------------|--------|---|-----------------------|--------------------|----------|----------|----------------------|
| Client: Project: | | as Environmental Services Landfarm MWs Interstitial Well | | | | | |
| Sample ID: MB- | 73882 | SampType: MBLK | TestCode: SM2540C MOI | D: Total Diss | olved So | lids | |
| Client ID: PBV | v | Batch ID: 73882 | RunNo: 95547 | | | | |
| Prep Date: 3/2 | 3/2023 | Analysis Date: 3/24/2023 | SeqNo: 3456230 | Units: mg/L | | | |
| Analyte | | Result PQL SPK value SPK R | ef Val %REC LowLimit | HighLimit | %RPD | RPDLimit | Qual |

| Sample ID: LCS-73882 | SampT | ype: LC | S | Tes | tCode: SI | M2540C MC | D: Total Diss | solved So | lids | |
|------------------------|------------|-----------------|-----------|-------------|-----------|-----------|---------------|-----------|----------|------|
| Client ID: LCSW | Batch | n ID: 73 | 882 | F | lunNo: 9 | 5547 | | | | |
| Prep Date: 3/23/2023 | Analysis D | ate: 3/ | 24/2023 | S | eqNo: 3 | 456231 | Units: mg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Total Dissolved Solids | 989 | 50.0 | 1000 | 0 | 98.9 | 80 | 120 | | | |

Qualifiers:

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

| HALL ENVIRONMENTAL ANALYSIS LABORATORY | | 2 EL: 505-345-3 | ntal Analysis L. 4901 Ha Albuquerque, N 975 FAX: 505- 2.hallenvironm | wkins NE NM 87109 345-4107 | Sar | nple Log-In C | Check List |
|--|-----------------------|--------------------|--|----------------------------------|-------|--|-------------------|
| Client Name: Animas Environmo Services | ental Worł | c Order Numb | ber: 2303A31 | I | | RcptNo | : 1 |
| Received By: Tracy Casarrubia | as 3/21/20 | 023 6:20:00 / | ٩M | | | | |
| Completed By: Tracy Casarrubia | as 3/21/20 | 023 6:47:32 / | ٩M | | | | |
| Reviewed By: Jn3/24 | 123 | | | | | | |
| Chain of Custody | | | | | | | |
| 1. Is Chain of Custody complete? | | | Yes 🗹 | | No 🗌 | Not Present | |
| 2. How was the sample delivered? | | | <u>Courier</u> | | | | |
| Log In 3. Was an attempt made to cool the | samples? | | Yes 🗹 | ı | No 🗌 | na 🗌 | |
| 4. Were all samples received at a te | mperature of >0° C | to 6.0°C | Yes 🗹 | I | No 🗌 | na 🗌 | |
| 5. Sample(s) in proper container(s)? | | | Yes 🗹 | I | No 🗌 | | |
| 6. Sufficient sample volume for indic | ated test(s)? | | Yes 🗹 | ٨ | lo 🗌 | | |
| 7. Are samples (except VOA and ON | IG) properly preserv | ed? | Yes 🔽 | м | lo 🗌 | | |
| 8. Was preservative added to bottles | ? | | Yes 🗍 | Ν | lo 🗹 | NA 🗌 | |
| 9. Received at least 1 vial with heads | space <1/4" for AQ | VOA? | Yes 🗹 | Ν | lo 🗌 | NA 🗌 | |
| 10. Were any sample containers rece | vived broken? | | Yes 🗆 | I | No 🔽 | # | / |
| 11. Does paperwork match bottle labe (Note discrepancies on chain of ci | | | Yes 🗹 | ٢ | 10 🗌 | # of preserved bottles checked for pH: (<2 of | >12 unless noted) |
| 12. Are matrices correctly identified or | | | Yes 🗹 | N | lo 🗌 | Adjusted? | |
| 13. Is it clear what analyses were requ | uested? | | Yes 🗹 | N | 10 | | |
| 14. Were all holding times able to be | | | Yes 🗹 | Ν | lo 🗌 | Checked by: | |
| (If no, notify customer for authoriz | | | | | | W | 3-21-23 |
| Special Handling (if applicab | | <u>^</u> | , n | | | | |
| 15. Was client notified of all discrepa | ncles with this order | 7 | Yes 🗌 | | No | NA 🗹 | |
| Person Notified: | | Date: | 9 | | 1 | _ | |
| By Whom: | | Via: | eMail | Phone | Fax | In Person | |
| Regarding: Client Instructions: | | | | | - | | |
| 16. Additional remarks: | | | | | | | |
| | | | | | | | |
| 17. <u>Cooler Information</u> Cooler No Temp °C Con | dition Seal Intact | Seal No | Seal Date | Signe | ed Bv | | |
| 1 2.1 Good | Yes | Yogi | | 5.9.1 | 1 | | |
| | | | | | | | |

Page 61 of 135

| Received | WallfP=03# | 66/E924 | Receivering RP of Custous Record | Turn-Around Time: | Je: | | | | | Page 62 of HALL ENVIDONMENTAL | of 135 |
|----------------------------|-----------------|------------------|---------------------------------------|---|--|-----------------------------------|------------|---------------|-----------|---|--------|
| Client: | Anim | nas En | Animas Environmental Services | X Standard | 🗆 Rush | - | | | | ANALYSIS LABORATORY | ž |
| | | | | Project Name: | | | | | 3 | www.hallenvironmental.com | |
| Mailing Address: | ddress: | | P.O. Box 8 | BMG Landfarm | farm - MWs & | - MWs & interstitial well | N | 4901 F | ławkin | 4901 Hawkins NE - Albuquerque, NM 87109 | |
| | Farminç | igton, ♪ | Farmington, NM 87499-0008 | Project #: | | | 0 | Tel. 5 | 05-345 | Tel. 505-345-3975 Fax 505-345-4107 | |
| Phone #: | | 720-537-6650 | 6650 | | AES 040605 | 35 | | | | Analysis Request | |
| Email or Fax#: | | dgerwoo | aledgerwood@animasenvironmental.com | Project Manager: | . . | | | | 0 | | |
| QA/QC Package: Standard | ackage: lard | | Level 4 (Full Validation) | | Angela Ledgerwood Elizabeth McNally | rwood Nally | | M2108A9 | SW25400 | | |
| Accreditation: | | Az Cor | □ Az Compliance | Sampler: | | | | | biv 2 | | |
| | | Other | | On Ice: | X Yes | D No UCON | _ | | bilo | | |
| | | | | # of Coolers: | | 0.1 | _ | | S be | | |
| | | | | Cooler Temp(Including CF): 2.0 +0.1= | iding CF): 2.0 + | +0.1= 2.1 c | | | NIOS | | |
| Date T | Time Ma | Matrix | Sample Name | Container Type and # | Preservativ e Type | 2302.45.10. | BTEX | Chloric | eid IstoT | | |
| 50/11/2 | 0 74.11 | _> ບັ | MW-1 | (5) 40 mL glass (1) 250 mL amber glass (1) 500 mL plastic | 5-HgCl2 cool 2-Non | 100 | × | × | × | | |
| | Ju:16 G | > | MW-2 | (5) 40 mL glass (1) 250 mL amber glass (1) 500 mL plastic | 5-HgCl2 cool 2-Non | 002 | × | × | × | | |
| | 13.26 | N U N | 8-WM | (5) 40 mL glass (1) 250 mL amber glass (1) 500 mL plastic | 5-HgCl2 cool 2-Non | 003 | × | × × | × | | |
| |)7:30 C | GW | MW-4 | (5) 40 mL glass (1) 250 mL amber glass (1) 500 mL plastic | 5-HgCl2 cool 2-Non | CON | × | × × | × | | |
| L | | M | Trip Blank | (2) 40 mL glass | , Cold | OST mc 3/2123 | × | | | | |
| Q. | | Relipeduished by | * " " the pe | t | via: | Time り り う | Remarks: | arks: Plea | se di | rks: Please direct-bill this project to BMG. | |
| 120/23 | Time: Chell | | Must Was | Received by: | Na: COUNTY | 3/21/23 (6:20 | 2 | 00 | ank | Trip Blank ret and and will be clearly instead on the analytical report | |
| | If necessary st | samples s | ubmitted to Hall Environmental may be | subcontracted to other 6 | sccredited laboratori | ies. I his serves as notice of th | IIS possit | ulty. Any | / sub-cor | necessary, samples submitted to Hall Environmental maybe subcontracted to other accredited laboratories. I his serves as notice of this possibility. Any sub-contracted data will be clearly indiated on the analytical report. | |

Released to Imaging: 4/8/2025 1:00:45 PM

•



July 06, 2023

Angela Ledgerwood Animas Environmental Services 624 E. Comanche Farmington, NM 87401 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

RE: BMG Landfarm MWs Interstitial Well

OrderNo.: 2306C89

Dear Angela Ledgerwood:

Hall Environmental Analysis Laboratory received 5 sample(s) on 6/24/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2306C89

Date Reported: 7/6/2023

| CLIENT: | Animas Environmental Services | | | C | lient Sample ID: MW-1 |
|----------|-------------------------------|---------|----------|---|--|
| Project: | BMG Landfarm MWs Interstitial | Well | | | Collection Date: 6/21/2023 5:02:00 PM |
| Lab ID: | 2306C89-001 | Matrix: | GROUNDWA | | Received Date: 6/24/2023 7:45:00 AM |

| Analyses | Result | RL Q | Qual Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|------------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | mg/L | 1 | 6/26/2023 10:09:33 PM |
| Motor Oil Range Organics (MRO) | ND | 5.0 | mg/L | 1 | 6/26/2023 10:09:33 PM |
| Surr: DNOP | 119 | 54.5-177 | %Rec | 1 | 6/26/2023 10:09:33 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 0.050 | mg/L | 1 | 6/26/2023 5:54:31 PM |
| Surr: BFB | 106 | 15-270 | %Rec | 1 | 6/26/2023 5:54:31 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 0.050 | mg/L | 1 | 6/27/2023 12:19:20 AM |
| Surr: BFB | 99.5 | 15-270 | %Rec | 1 | 6/27/2023 12:19:20 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 1.0 | µg/L | 1 | 6/26/2023 5:54:31 PM |
| Toluene | ND | 1.0 | µg/L | 1 | 6/26/2023 5:54:31 PM |
| Ethylbenzene | ND | 1.0 | µg/L | 1 | 6/26/2023 5:54:31 PM |
| Xylenes, Total | ND | 2.0 | µg/L | 1 | 6/26/2023 5:54:31 PM |
| Surr: 4-Bromofluorobenzene | 95.0 | 52.4-148 | %Rec | 1 | 6/26/2023 5:54:31 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 60 | 5.0 | mg/L | 10 | 6/26/2023 12:27:44 PM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | Analyst: JAG |
| Total Dissolved Solids | 666 | 100 | *D mg/L | 1 | 6/29/2023 3:10:00 PM |

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

Qualifiers:

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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

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

RL Reporting Limit Page 1 of 11

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2306C89

Date Reported: 7/6/2023

| CLIENT: | Animas Environmental Services | | | Client Sample ID: MW-2 |
|----------|-------------------------------|---------|----------|---------------------------|
| Project: | BMG Landfarm MWs Interstitial | Well | | Collection Date: 6/21/202 |
| Lab ID: | 2306C89-002 | Matrix: | GROUNDWA | Received Date: 6/24/202 |

Date: 6/21/2023 6:16:00 PM

Date: 6/24/2023 7:45:00 AM

| Analyses | Result | RL (| Qual Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|------------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | mg/L | 1 | 6/26/2023 10:20:32 PM |
| Motor Oil Range Organics (MRO) | ND | 5.0 | mg/L | 1 | 6/26/2023 10:20:32 PM |
| Surr: DNOP | 131 | 54.5-177 | %Rec | 1 | 6/26/2023 10:20:32 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 0.050 | mg/L | 1 | 6/26/2023 6:18:46 PM |
| Surr: BFB | 107 | 15-270 | %Rec | 1 | 6/26/2023 6:18:46 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 0.050 | mg/L | 1 | 6/27/2023 12:43:09 AM |
| Surr: BFB | 102 | 15-270 | %Rec | 1 | 6/27/2023 12:43:09 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 1.0 | µg/L | 1 | 6/26/2023 6:18:46 PM |
| Toluene | ND | 1.0 | µg/L | 1 | 6/26/2023 6:18:46 PM |
| Ethylbenzene | ND | 1.0 | µg/L | 1 | 6/26/2023 6:18:46 PM |
| Xylenes, Total | ND | 2.0 | µg/L | 1 | 6/26/2023 6:18:46 PM |
| Surr: 4-Bromofluorobenzene | 95.7 | 52.4-148 | %Rec | 1 | 6/26/2023 6:18:46 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 130 | 5.0 | mg/L | 10 | 6/26/2023 12:53:27 PM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | Analyst: JAG |
| Total Dissolved Solids | 700 | 250 | *D mg/L | 1 | 6/29/2023 3:10:00 PM |

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

Qualifiers:

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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 2 of 11

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2306C89

Date Reported: 7/6/2023

| CLIENT: | Animas Environmental Services | | | Client Sample ID: MW-3 |
|----------------|-------------------------------|---------|----------|---------------------------|
| Project: | BMG Landfarm MWs Interstitial | Well | | Collection Date: 6/21/202 |
| Lab ID: | 2306C89-003 | Matrix: | GROUNDWA | Received Date: 6/24/202 |

ction Date: 6/21/2023 6:50:00 PM

eived Date: 6/24/2023 7:45:00 AM

| Analyses | Result | RL Q | Qual | Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|------|-------|-----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | | mg/L | 1 | 6/26/2023 10:31:34 PM |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | mg/L | 1 | 6/26/2023 10:31:34 PM |
| Surr: DNOP | 128 | 54.5-177 | | %Rec | 1 | 6/26/2023 10:31:34 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 0.050 | | mg/L | 1 | 6/26/2023 6:43:02 PM |
| Surr: BFB | 107 | 15-270 | | %Rec | 1 | 6/26/2023 6:43:02 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 0.050 | | mg/L | 1 | 6/27/2023 1:06:58 AM |
| Surr: BFB | 98.9 | 15-270 | | %Rec | 1 | 6/27/2023 1:06:58 AM |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | ND | 1.0 | | µg/L | 1 | 6/26/2023 6:43:02 PM |
| Toluene | ND | 1.0 | | µg/L | 1 | 6/26/2023 6:43:02 PM |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 6/26/2023 6:43:02 PM |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 6/26/2023 6:43:02 PM |
| Surr: 4-Bromofluorobenzene | 95.9 | 52.4-148 | | %Rec | 1 | 6/26/2023 6:43:02 PM |
| EPA METHOD 300.0: ANIONS | | | | | | Analyst: JMT |
| Chloride | 310 | 50 | * | mg/L | 100 | 6/26/2023 1:32:02 PM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst: JAG |
| Total Dissolved Solids | 1120 | 100 | *D | mg/L | 1 | 6/29/2023 3:10:00 PM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

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

RL Reporting Limit Page 3 of 11

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2306C89

Date Reported: 7/6/2023

| CLIENT: | Animas Environmental Services | | | Client Sample ID: MW-4 |
|----------|-------------------------------|---------|----------|---------------------------|
| Project: | BMG Landfarm MWs Interstitial | Well | | Collection Date: 6/21/202 |
| Lab ID: | 2306C89-004 | Matrix: | GROUNDWA | Received Date: 6/24/202 |

e: 6/21/2023 5:39:00 PM

e: 6/24/2023 7:45:00 AM

| Analyses | Result | RL Ç | Qual Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|------------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | mg/L | 1 | 6/26/2023 10:42:36 PM |
| Motor Oil Range Organics (MRO) | ND | 5.0 | mg/L | 1 | 6/26/2023 10:42:36 PM |
| Surr: DNOP | 135 | 54.5-177 | %Rec | 1 | 6/26/2023 10:42:36 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 0.050 | mg/L | 1 | 6/26/2023 7:07:13 PM |
| Surr: BFB | 107 | 15-270 | %Rec | 1 | 6/26/2023 7:07:13 PM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 0.050 | mg/L | 1 | 6/27/2023 1:30:45 AM |
| Surr: BFB | 104 | 15-270 | %Rec | 1 | 6/27/2023 1:30:45 AM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 1.0 | µg/L | 1 | 6/26/2023 7:07:13 PM |
| Toluene | ND | 1.0 | µg/L | 1 | 6/26/2023 7:07:13 PM |
| Ethylbenzene | ND | 1.0 | µg/L | 1 | 6/26/2023 7:07:13 PM |
| Xylenes, Total | ND | 2.0 | µg/L | 1 | 6/26/2023 7:07:13 PM |
| Surr: 4-Bromofluorobenzene | 94.3 | 52.4-148 | %Rec | 1 | 6/26/2023 7:07:13 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 110 | 5.0 | mg/L | 10 | 6/26/2023 2:10:37 PM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | Analyst: JAG |
| Total Dissolved Solids | 638 | 100 | *D mg/L | 1 | 6/29/2023 3:10:00 PM |

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

Qualifiers:

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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

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

RL Reporting Limit Page 4 of 11

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report Lab Order 2306C89

6/26/2023 7:31:22 PM

6/26/2023 7:31:22 PM

6/26/2023 7:31:22 PM

Date Reported: 7/6/2023

1

1

1

µg/L

µg/L

%Rec

| CLIENT: | Animas Environmental Services | | | Client Sa | mple ID | : Trip H | Blank |
|----------|-------------------------------|---------|------------|-----------|----------|----------|----------------------|
| Project: | BMG Landfarm MWs Interstitial | Well | | | ion Date | | |
| Lab ID: | 2306C89-005 | Matrix: | TRIP BLANK | Receiv | ed Date | : 6/24/2 | 2023 7:45:00 AM |
| Analyses | | F | Result | RL Qual | Units | DF | Date Analyzed |
| EPA ME | THOD 8021B: VOLATILES | | | | | | Analyst: JJP |
| Benzene | | | ND | 1.0 | µg/L | 1 | 6/26/2023 7:31:22 PM |
| Toluene | | | ND | 1.0 | µg/L | 1 | 6/26/2023 7:31:22 PM |

ND

ND

92.0

1.0

2.0

52.4-148

Hall Environmental Analysis Laboratory, Inc.

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

Qualifiers:

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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL

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

Analyte detected in the associated Method Blank в

- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 5 of 11

.

| Client: Project: | | nvironment dfarm MW | | rvices rstitial Wel | 1 | | | | | | |
|---------------------|-----------------|------------------------|--------------|------------------------|--------------|-----------------|-----------|--------------------|------|----------|------|
| Sample ID: | МВ | SampTyp | e: Me | BLK | Tes | tCode: E | PA Method | 300.0: Anions | | | |
| Client ID: | PBW | Batch II | D: R9 | 7731 | F | RunNo: 9 | 7731 | | | | |
| Prep Date: | | Analysis Dat | e: 6/ | 26/2023 | S | SeqNo: 3 | 554314 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND | 0.50 | | | | | | | | |
| Sample ID: | LCS | SampTyp | e: LC | S | Tes | tCode: E | PA Method | 300.0: Anions | | | |
| Client ID: | LCSW | Batch II | D: R9 | 7731 | F | RunNo: 9 | 7731 | | | | |
| Prep Date: | | Analysis Dat | e: 6/ | 26/2023 | S | SeqNo: 3 | 554315 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 4.7 | 0.50 | 5.000 | 0 | 93.8 | 90 | 110 | | | |
| Sample ID: | 2306C89-004DMS | SampTyp | e: MS | 6 | Tes | tCode: E | PA Method | 300.0: Anions | | | |
| Client ID: | MW-4 | Batch II | D: R9 | 7731 | F | RunNo: 9 | 7731 | | | | |
| Prep Date: | | Analysis Dat | e: 6/ | 26/2023 | S | SeqNo: 3 | 554325 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 160 | 5.0 | 50.00 | 112.8 | 96.8 | 80.7 | 112 | | | |
| Sample ID: | 2306C89-004DMSD | SampTyp | e: MS | SD | Tes | tCode: E | PA Method | 300.0: Anions | | | |
| Client ID: | MW-4 | Batch II | D: R9 | 7731 | RunNo: 97731 | | | | | | |
| Prep Date: | | Analysis Dat | e: 6/ | 26/2023 | 5 | SeqNo: 3 | 554326 | Units: mg/L | | | |

| Thep Date. | | | | 600110. 3334320 01 | | | erina. Ing/L | | | |
|------------|--------|-----|-----------|---------------------------|------|----------|--------------|-------|----------|------|
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 160 | 5.0 | 50.00 | 112.8 | 98.3 | 80.9 | 111 | 0.458 | 20 | |

Qualifiers:

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

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06-Jul-23

| Client: Project: | Animas E BMG Lan | | | rvices rstitial Wel | 1 | | | | | | |
|---------------------|---------------------|-------------|------------------|------------------------|-------------|-------------------|-----------|---------------|-----------|----------|------|
| | | | | | | | | | | | |
| | 2306C89-004CMS | SampTy | /pe: MS | 5 | | | | 8015M/D: Dies | sel Range | | |
| Client ID: | MW-4 | Batch | ID: 758 | 340 | F | RunNo: 97 | 7703 | | | | |
| Prep Date: | 6/26/2023 | Analysis Da | ate: 6/ 2 | 26/2023 | S | SeqNo: 3 | 554398 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range | Organics (DRO) | 2.4 | 1.0 | 2.500 | 0 | 94.7 | 47.3 | 147 | | | |
| Surr: DNOP | | 1.0 | | 0.7500 | | 134 | 54.5 | 177 | | | |
| Sample ID: | 2306C89-004CMSD | SampTy | /pe: MS | D | Tes | tCode: EF | PA Method | 8015M/D: Dies | sel Range | | |
| Client ID: | MW-4 | Batch | ID: 758 | 340 | F | RunNo: 97 | 7703 | | | | |
| Prep Date: | 6/26/2023 | Analysis Da | ate: 6/ 2 | 26/2023 | S | SeqNo: 3 | 554399 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range | Organics (DRO) | 2.3 | 1.0 | 2.500 | 0 | 93.3 | 47.3 | 147 | 1.47 | 20 | |
| Surr: DNOP | | 0.99 | | 0.7500 | | 132 | 54.5 | 177 | 0 | 0 | |
| Sample ID: | LCS-75840 | SampTy | /pe: LC | S | Tes | tCode: EF | PA Method | 8015M/D: Dies | sel Range | | |
| Client ID: | LCSW | Batch | ID: 758 | 340 | F | RunNo: 9 7 | 7703 | | | | |
| Prep Date: | 6/26/2023 | Analysis Da | ate: 6/ 2 | 26/2023 | 5 | SeqNo: 3 | 554400 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range | Organics (DRO) | 2.3 | 1.0 | 2.500 | 0 | 91.4 | 68.4 | 146 | | | |
| Surr: DNOP | | 0.30 | | 0.2500 | | 120 | 54.5 | 177 | | | |
| Sample ID: | MB-75840 | SampTy | /pe: ME | BLK | Tes | tCode: EF | PA Method | 8015M/D: Dies | sel Range | | |
| Client ID: | PBW | Batch | ID: 758 | 340 | F | RunNo: 9 7 | 7733 | | | | |
| Prep Date: | 6/26/2023 | Analysis Da | ate: 6/ 2 | 27/2023 | S | SeqNo: 3 | 554401 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range | Organics (DRO) | ND | 1.0 | | | | | | | | |
| Motor Oil Rang | e Organics (MRO) | ND | 5.0 | | | | | | | | |
| Surr: DNOP | | 0.60 | | 0.5000 | | 119 | 54.5 | 177 | | | |

Qualifiers:

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- D Sample Diluted Due to Matrix
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- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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2306C89

06-Jul-23

| | Environmental Se adfarm MWs Inte | | 1 | | | | | | |
|--|-------------------------------------|-----------------|--------------|------------------|-----------|---------------|-----------|----------|------|
| Sample ID: 2.5ug gro lcs | SampType: L(| S | Test | tCode: El | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: LCSW | Batch ID: G | A97710 | R | unNo: 9 7 | 7710 | | | | |
| Prep Date: | Analysis Date: 6 | /26/2023 | S | eqNo: 3 | 553501 | Units: mg/L | | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | 0.50 0.050 42 | 0.5000 20.00 | 0 | 99.8 211 | 70 15 | 130 270 | | | |
| Sample ID: mb | SampType: M | BLK | Test | tCode: El | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: PBW | Batch ID: G | A97710 | RunNo: 97710 | | | | | | |
| Prep Date: | Analysis Date: 6 | /26/2023 | S | eqNo: 3 | 553502 | Units: mg/L | | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | ND 0.050 21 | 20.00 | | 104 | 15 | 270 | | | |
| Sample ID: 2.5ug gro Ics-ii | SampType: L(| s | Tes | tCode: EF | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: LCSW | Batch ID: G | SS97710 | R | unNo: 9 7 | 7710 | | | | |
| Prep Date: | Analysis Date: 6 | /26/2023 | S | eqNo: 3 | 554571 | Units: mg/L | | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 0.48 0.050 | 0.5000 | 0 | 96.9 | 70 | 130 | | | |
| Surr: BFB | 42 | 20.00 | | 209 | 15 | 270 | | | |
| Sample ID: mb-ii | SampType: M | BLK | Tes | tCode: El | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: PBW | Batch ID: G | SS97710 | R | unNo: 9 7 | 7710 | | | | |
| Prep Date: | Analysis Date: 6 | /26/2023 | S | eqNo: 3 | 554572 | Units: mg/L | | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) Surr: BFB | ND 0.050 21 | 20.00 | | 103 | 15 | 270 | | | |
| Sample ID: 2306c89-001ams | SampType: M | S | Test | tCode: El | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: MW-1 | Batch ID: G | A97710 | R | unNo: 9 7 | 7710 | | | | |
| Prep Date: | Analysis Date: 6 | /26/2023 | S | eqNo: 3 | 554580 | Units: mg/L | | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 0.48 0.050 | 0.5000 | 0 | 95.9 | 41.2 | 148 | | | |
| Surr: BFB | 43 | 20.00 | | 213 | 15 | 270 | | | |
| Sample ID: 2306c89-001amsd | SampType: M | SD | Test | tCode: EF | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: MW-1 | Batch ID: G | A97710 | R | unNo: 9 7 | 7710 | | | | |
| Prep Date: | Analysis Date: 6 | /26/2023 | S | eqNo: 3 | 554581 | Units: mg/L | | | |
| Analyte | Result PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

2306C89

06-Jul-23

Surr: BFB

Gasoline Range Organics (GRO)

QC SUMMARY REPORT Hall Environmental Analysis Laboratory. Inc.

0.47

42

0.050

0.5000

20.00

| Hall En | Hall Environmental Analysis Laboratory, Inc. | | | | | | | | | | | | |
|---------------------|--|---|---------------------------------|------------------------|-------------|-----------------|-----------|--------------|-----------|----------|------|--|--|
| Client: Project: | Animas E BMG Lan | | | rvices rstitial Wel | 1 | | | | | | | | |
| Sample ID: | 2306c89-001amsd | SampT | Гуре: МЅ | D | Tes | tCode: El | PA Method | 8015D: Gasol | ine Range | • | | | |
| Client ID: | MW-1 | Batch | h ID: GA | 97710 | F | RunNo: 9 | 7710 | | | | | | |
| Prep Date: | Prep Date: Analysis Date: 6/26/2023 SeqNo: 3554581 Units: mg/L | | | | | | | | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |
| Gasoline Range | e Organics (GRO) | 0.48 | 0.050 | 0.5000 | 0 | 96.8 | 41.2 | 148 | 0.914 | 20 | | | |
| Surr: BFB | | 43 | | 20.00 | | 215 | 15 | 270 | 0 | 0 | | | |
| Sample ID: | 2306c89-001bms | SampT | Гуре: МЅ | 5 | Tes | tCode: El | PA Method | 8015D: Gasol | ine Range | | | | |
| Client ID: | MW-1 | Batch | Batch ID: GSS97710 RunNo: 97710 | | | | | | | | | | |
| Prep Date: | | Analysis Date: 6/27/2023 SeqNo: 3554583 Units: mg/L | | | | | | | | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | | |

94.0

208

41.2

15

148

270

| Sample ID: 2306c89-001bmsd | SampTy | /pe: MS | D | Tes | 1 | | | | | |
|-------------------------------|-------------|---------------------------------|-----------|----------------------------|------|----------|-----------|------|----------|------|
| Client ID: MW-1 | Batch | Batch ID: GSS97710 RunNo: 97710 | | | | | | | | |
| Prep Date: | Analysis Da | ate: 6/2 | 27/2023 | SeqNo: 3554584 Units: mg/L | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 0.46 | 0.050 | 0.5000 | 0 | 92.3 | 41.2 | 148 | 1.80 | 20 | |
| Surr: BFB | 42 | | 20.00 | | 208 | 15 | 270 | 0 | 0 | |

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Qualifiers:

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

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2306C89
QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| WO#: | 2306C89 |
|------|---------|
| | |

06-Jul-23

| Client: Project: | Animas E BMG Lan | | | rvices rstitial Wel | 1 | | | | | | |
|---|---------------------|--|--|---|---------------------------------------|---|---|--|----------------------|----------|------|
| Sample ID: | 100ng btex lcs | SampT | ype: LC | S | TestCode: EPA Method 8021B: Volatiles | | | | | | |
| Client ID: | LCSW | Batch | n ID: R9 ' | 7710 | RunNo: 97710 | | | | | | |
| Prep Date: | | Analysis E |)ate: 6/2 | 26/2023 | Ş | SeqNo: 35 | 553505 | Units: µg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 17 | 1.0 | 20.00 | 0 | 87.1 | 70 | 130 | | | Quui |
| Toluene | | 18 | 1.0 | 20.00 | 0 | 89.6 | 70 | 130 | | | |
| Ethylbenzene | | 18 | 1.0 | 20.00 | 0 | 89.5 | 70 | 130 | | | |
| Xylenes, Total | | 54 | 2.0 | 60.00 | 0 | 90.0 | 70 | 130 | | | |
| Surr: 4-Brom | nofluorobenzene | 20 | | 20.00 | | 98.9 | 52.4 | 148 | | | |
| Sample ID: | mb | SampT | npType: MBLK TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
| Client ID: | PBW | Batch | n ID: R9 | 7710 | F | RunNo: 97 | 7710 | | | | |
| Prep Date: | | Analysis E | 0ate: 6/2 | 26/2023 | Ş | SeqNo: 35 | 553506 | Units: µg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | ND | 1.0 | | | | | | | | |
| Toluene | | ND | 1.0 | | | | | | | | |
| Ethylbenzene | | ND | 1.0 | | | | | | | | |
| Xylenes, Total | | ND | 2.0 | | | | | | | | |
| Surr: 4-Brom | nofluorobenzene | 19 | | 20.00 | | 93.6 | 52.4 | 148 | | | |
| Sample ID: | 2306c89-002ams | SampT | ype: MS | 5 | Tes | tCode: EF | PA Method | 8021B: Volati | les | | |
| Client ID: | MW-2 | Batcl | n ID: R9 ' | 7710 | F | RunNo: 97 | 7710 | | | | |
| Prep Date: | | Analysis D | Date: 6/2 | 26/2023 | S | SeqNo: 3 | 554607 | Units: µg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 18 | 1.0 | 20.00 | 0 | 89.0 | 70 | 130 | | | |
| Toluene | | 18 | 1.0 | 20.00 | 0 | 90.3 | 70 | 130 | | | |
| Ethylbenzene | | 18 | 1.0 | 20.00 | 0 | 89.4 | 70 | 130 | | | |
| Xylenes, Total | | 54 | 2.0 | 60.00 | 0 | 90.2 | 70 | 130 | | | |
| Surr: 4-Brom | fl | | | | | | | | | | |
| | lofluorobenzene | 20 | | 20.00 | | 99.7 | 52.4 | 148 | | | |
| Sample ID: | 2306c89-002amsd | | ype: MS | | Tes | | | 148 8021B: Volati | les | | |
| Sample ID: Client ID: | | SampT | ype: MS | 5D | | | PA Method | | les | | |
| • | 2306c89-002amsd | SampT | n ID: R9 | 5D 7710 | F | tCode: EF | PA Method 7710 | | les | | |
| Client ID: | 2306c89-002amsd | SampT Batch Analysis D Result | n ID: R9 Date: 6/2 PQL | 5D 7710 26/2023 SPK value | F SPK Ref Val | tCode: EF RunNo: 97 SeqNo: 38 %REC | PA Method 7710 554608 LowLimit | 8021Β: Volati Units: μ g/L HighLimit | %RPD | RPDLimit | Qual |
| Client ID: Prep Date: | 2306c89-002amsd | SampT Batch Analysis D Result 17 | n ID: R9 Date: 6/ 2 PQL 1.0 | 5D 7710 26/2023 SPK value 20.00 | F | tCode: EF RunNo: 97 SeqNo: 38 %REC 84.2 | PA Method 7710 554608 LowLimit 70 | 8021Β: Volati Units: μg/L HighLimit 130 | %RPD 5.47 | 20 | Qual |
| Client ID: Prep Date: Analyte | 2306c89-002amsd | SampT Batch Analysis D Result 17 17 | Date: 6/2 PQL 1.0 1.0 | 5D 7710 26/2023 SPK value 20.00 20.00 | F SPK Ref Val | tCode: EF RunNo: 97 SeqNo: 35 %REC 84.2 85.9 | PA Method 7710 554608 LowLimit 70 70 | 8021B: Volati Units: μg/L HighLimit 130 130 | %RPD 5.47 4.95 | 20 20 | Qual |
| Client ID: Prep Date: Analyte Benzene | 2306c89-002amsd | SampT Batch Analysis D Result 17 | n ID: R9 Date: 6/ 2 PQL 1.0 | 5D 7710 26/2023 SPK value 20.00 20.00 20.00 | F SPK Ref Val 0 | tCode: EF RunNo: 97 SeqNo: 38 %REC 84.2 | PA Method 7710 554608 LowLimit 70 | 8021Β: Volati Units: μg/L HighLimit 130 | %RPD 5.47 | 20 | Qual |
| Client ID: Prep Date: Analyte Benzene Toluene Ethylbenzene Xylenes, Total | 2306c89-002amsd | SampT Batch Analysis D Result 17 17 | Date: 6/2 PQL 1.0 1.0 | 5D 7710 26/2023 SPK value 20.00 20.00 | F SPK Ref Val 0 0 | tCode: EF RunNo: 97 SeqNo: 35 %REC 84.2 85.9 | PA Method 7710 554608 LowLimit 70 70 | 8021B: Volati Units: μg/L HighLimit 130 130 | %RPD 5.47 4.95 | 20 20 | Qual |

Qualifiers:

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

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| L. | onmental Analysis Laboratory, Inc. | WO#: | 2306C89 06-Jul-23 |
|---------------------|---|------|----------------------|
| Client: Project: | Animas Environmental Services BMG Landfarm MWs Interstitial Well | | |

| Sample ID: MB-75880 | SampType: MBLK | TestCode: SM2540C MC | DD: Total Dissolved Solids | |
|---|---|--|--|----|
| Client ID: PBW | Batch ID: 75880 | RunNo: 97827 | | |
| Prep Date: 6/28/2023 | Analysis Date: 6/29/2023 | SeqNo: 3558237 | Units: mg/L | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qua | ıl |
| Total Dissolved Solids | ND 50.0 | | | |
| | | | | |
| Sample ID: LCS-75880 | SampType: LCS | TestCode: SM2540C MC | D: Total Dissolved Solids | |
| Sample ID: LCS-75880 Client ID: LCSW | SampType: LCS Batch ID: 75880 | TestCode: SM2540C MC RunNo: 97827 | DD: Total Dissolved Solids | |
| | | | DD: Total Dissolved Solids Units: mg/L | |
| Client ID: LCSW | Batch ID: 75880 Analysis Date: 6/29/2023 | RunNo: 97827 | | al |

Qualifiers:

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

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| HALL ENVIRONMEN ANALYSIS LABORATORY | FAL | TEL: 505-345-3 | ntal Analysis Lal 4901 Haw Albuquerque, N 975 FAX: 505-3 v.hallenvironmet | kins NE 187109 Sa 45-4107 | mple Log-In | Check List | |
|--|------------------------|-------------------|---|--|----------------------------|-----------------------|--|
| Client Name: Animas E Services | nvironmental | Work Order Num | ber: 2306C89 | W | RcptN | o: 1 | |
| Received By: Tracy Ca | asarrubias | 6/24/2023 7:45:00 | AM | | | | |
| Completed By: Tracy Ca | asarrubias | 6/25/2023 7:37:59 | AM | | | | |
| Reviewed By: DA | D 61 | 26/23 | | | | | |
| Chain of Custody | | | | | | | |
| 1. Is Chain of Custody com | plete? | | Yes 🗹 | No 🗌 | Not Present | | |
| 2. How was the sample del | ivered? | | Courier | | | | |
| Log In 3. Was an attempt made to | cool the samples? | | Yes 🔽 | No 🗌 | NA 🗌 | | |
| 4. Were all samples receive | d at a temperature | of >0° C to 6.0°C | Yes 🗹 | No 🗍 | NA 🗌 | | |
| 5. Sample(s) in proper cont | ainer(s)? | | Yes 🗹 | No 🗌 | | | |
| 6. Sufficient sample volume | for indicated test(s) | ? | Yes 🔽 | No 🗌 | | | |
| 7. Are samples (except VOA | and ONG) properly | / preserved? | Yes 🗹 | No 🗌 | | | |
| 8. Was preservative added t | o bottles? | | Yes 🗌 | No 🗹 | NA 🗌 | | |
| 9. Received at least 1 vial w | ith headspace <1/4" | for AQ VOA? | Yes 🔽 | No 🗌 | NA 🗌 | 1 | |
| 10. Were any sample contain | iers received broker | ? | Yes 🗌 | No 🗹 | # of preserved | | |
| 11. Does paperwork match be (Note discrepancies on ch | | | Yes 🗹 | No 🗌 | bottles checked for pH: | or >12 unless noted) | |
| 12. Are matrices correctly ide | | Custody? | Yes 🗹 | No 🗌 | Adjusted? | | |
| 13. Is it clear what analyses w | vere requested? | | Yes 🗹 | No 🗌 | | COD NO | hz |
| 14. Were all holding times ab (If no, notify customer for | | | Yes 🗹 | No 🗌 | Checked by: | SCIII OBIA | Q do |
| Special Handling (if ap | plicable) | | | | l | | |
| 15. Was client notified of all o | liscrepancies with the | nis order? | Yes 🗌 | No 🗌 | NA 🗹 | | |
| Person Notified: | ſ | Date: | J | | | | |
| By Whom: | | Via: | eMail | Phone 🗌 Fax | In Person | | И |
| Regarding: Client Instructions: | 1 | | | | | | 45 P] |
| 16. Additional remarks: | | | | | | | :00: |
| 17. <u>Cooler Information</u> Cooler No Temp ºC | Condition Sea | al Intact Seal No | Seal Date | Signed By | | | 8/2025 1 |
| 1 5.3 | Good Yes | Yogi | | | | | : 4/8 |
| | | | | | | | Released to Imaging: 4/8/2025 1:00:45 PM |
| Page 1 of 1 | | | | | | na na sana na sana sa | eased to |
| | | | | | | | Rel |

Page 75 of 135

| Received | hain | 12-10 | Received of Custody Record | Turn-Around Time: | le: | | | | | Pali ENVTRONMENTA | f 135 |
|---|------------------|------------------|--|---|--------------------------|--|------------|--------------------|-------------------|---|-------|
| Client: | 4 | Animas Er | Animas Environmental Services | X Standard | □ Rush | والمحافظ المحافظ | | | | ANALYSIS LABORATORY | Z' |
| | | | | Project Name: | | - | | | S | www.hallenvironmental.com | |
| Mailing | Mailing Address: | | P.O. Box 8 | BMG Land | arm - MWs 8 | BMG Landfarm - MWs & interstitial well | · | 4901 F | 4901 Hawkins NE | s NE - Albuquerque, NM 87109 | |
| | Fan | mington, | Farmington, NM 87499-0008 | Project #: | | | | Tel. 5 | Tel. 505-345-3975 | -3975 Fax 505-345-4107 | |
| Phone #: | * | 720-537-6650 | -6650 | | AES 040605 | 05 | | | | Analysis Request | |
| Email c | Email or Fax#: | aledgerwo | aledgerwood@animasenvironmental.com | Project Manager: | | | | | C | | |
| avac | QA/QC Package: | | | 4 | Angela Ledgerwood | rwood | | | N25400 | | |
| A secoditation: | ndard | | Az Comuliance | Samoler. | | Nally | | | 12 biv | | |
| | AC | □ Other | | On Ice: | W Yes | I No UGA | _ | | sbilo | | |
| | C EDD (Type) | | | # of Coolers: | | | | | S b€ | | |
| | - - - | | | Cooler Temp(Including | ding CF): 5.2.4 | 0.1-5.3. | _ | | ənjos | | |
| Date | Time | Matrix | Sample Name | Container Type and # | Preservativ e Type | HEAL No. | BTEX (| тен ево Chlorid | zial Dis | | |
| 6-21-2 | 17:02 | ß | MW-1 | (5) 40 mL glass (1) 250 mL amber glass | 5-HgCl2 cool 2-Non | | × | × × | × | | |
| | | | | (1) 250 mL plastic | | | | \downarrow | | | T |
| | 1816 | Ng | MW-2 | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 cool 2-Non | 200 | × | × × | × | | |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 1 <i>8' j</i> b | M9 | MW-3 | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 cool 2-Non | 003 | × | × | × | | |
| 6-21-23 | 6.21.23/17:39 | M B | MW-4 | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 cool 2-Non | 004 | × | × × | × | | |
| | | 3 | Trip Blank | (2) 40 mL glass | Cold 12 | 200 ac | × | | | | |
| Date: | Time: | Relinquished by: | ed by: | Received by: | Via: Caunt | Date Time | Remarks: | arks: | : | | |
| Date: | Time: | R Inquished by: | hed by: / | Received by: | Via: | Date Time | 1 | Plea | se dir | Please direct-bill this project to BMG. | |
| | If necess; | arv. samples | submitted to Hall Environmental may be | subcontracted to other a | ccredited laborator | ies. This serves as notice of t | his possib | ility. Any | sub-cont | reconstruction of this massively and the submatriced to other encredited laboratories. This serves as notice of this massivility. Any sub-contracted data will be clearly notated on the analytical report. | |

Released to Imaging: 4/8/2025 1:00:45 PM

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September 08, 2023

Angela Todd Animas Environmental Services 624 E. Comanche Farmington, NM 87401 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

OrderNo.: 2308E14

RE: BMG Landfarm

Dear Angela Todd:

Hall Environmental Analysis Laboratory received 5 sample(s) on 8/25/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308E14

Date Reported: 9/8/2023

| CLIENT: | Animas Environmental Services | | Client Sample ID: MW-1 |
|-----------------|-------------------------------|------------------|---------------------------------------|
| Project: | BMG Landfarm | | Collection Date: 8/23/2023 1:30:00 PM |
| Lab ID: | 2308E14-001 | Matrix: GROUNDWA | Received Date: 8/25/2023 7:10:00 AM |

| Analyses | Result | RL (| Qual Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|------------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | mg/L | 1 | 8/29/2023 12:16:21 AM |
| Motor Oil Range Organics (MRO) | ND | 5.0 | mg/L | 1 | 8/29/2023 12:16:21 AM |
| Surr: DNOP | 104 | 54.5-177 | %Rec | 1 | 8/29/2023 12:16:21 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 0.050 | mg/L | 1 | 8/28/2023 2:53:00 PM |
| Surr: BFB | 106 | 15-270 | %Rec | 1 | 8/28/2023 2:53:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 1.0 | µg/L | 1 | 8/28/2023 2:53:00 PM |
| Toluene | ND | 1.0 | µg/L | 1 | 8/28/2023 2:53:00 PM |
| Ethylbenzene | ND | 1.0 | µg/L | 1 | 8/28/2023 2:53:00 PM |
| Xylenes, Total | ND | 2.0 | µg/L | 1 | 8/28/2023 2:53:00 PM |
| Surr: 4-Bromofluorobenzene | 95.1 | 52.4-148 | %Rec | 1 | 8/28/2023 2:53:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: SNS |
| Chloride | 49 | 5.0 | mg/L | 10 | 8/26/2023 7:40:03 PM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | Analyst: MCA |
| Total Dissolved Solids | 654 | 100 | *D mg/L | 1 | 8/30/2023 3:05:00 PM |

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

Qualifiers:

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

Page 1 of 10

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308E14

Date Reported: 9/8/2023

| CLIENT: | Animas Environmental Services | | Client Sample ID: MW-2 |
|-----------------|-------------------------------|------------------|---------------------------------------|
| Project: | BMG Landfarm | | Collection Date: 8/23/2023 2:44:00 PM |
| Lab ID: | 2308E14-002 | Matrix: GROUNDWA | Received Date: 8/25/2023 7:10:00 AM |

| Analyses | Result | RL Q | ual Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|-----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | mg/L | 1 | 8/29/2023 12:27:16 AM |
| Motor Oil Range Organics (MRO) | ND | 5.0 | mg/L | 1 | 8/29/2023 12:27:16 AM |
| Surr: DNOP | 90.6 | 54.5-177 | %Rec | 1 | 8/29/2023 12:27:16 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 0.050 | mg/L | 1 | 8/28/2023 3:15:00 PM |
| Surr: BFB | 102 | 15-270 | %Rec | 1 | 8/28/2023 3:15:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 1.0 | µg/L | 1 | 8/28/2023 3:15:00 PM |
| Toluene | ND | 1.0 | µg/L | 1 | 8/28/2023 3:15:00 PM |
| Ethylbenzene | ND | 1.0 | µg/L | 1 | 8/28/2023 3:15:00 PM |
| Xylenes, Total | ND | 2.0 | µg/L | 1 | 8/28/2023 3:15:00 PM |
| Surr: 4-Bromofluorobenzene | 95.3 | 52.4-148 | %Rec | 1 | 8/28/2023 3:15:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: SNS |
| Chloride | 140 | 5.0 | mg/L | 10 | 8/26/2023 8:29:41 PM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | Analyst: MCA |
| Total Dissolved Solids | 726 | 100 | *D mg/L | 1 | 8/30/2023 3:05:00 PM |

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308E14

Date Reported: 9/8/2023

| CLIENT: | Animas Environmental Services | | Client Sample ID: MW-3 |
|-----------------|-------------------------------|------------------|---------------------------------------|
| Project: | BMG Landfarm | | Collection Date: 8/23/2023 2:13:00 PM |
| Lab ID: | 2308E14-003 | Matrix: GROUNDWA | Received Date: 8/25/2023 7:10:00 AM |

| Analyses | Result | RL Q | ual Units | 5 DF | Date Analyzed |
|-------------------------------------|--------|----------|-----------|------|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | mg/L | 1 | 8/29/2023 12:38:12 AM |
| Motor Oil Range Organics (MRO) | ND | 5.0 | mg/L | 1 | 8/29/2023 12:38:12 AM |
| Surr: DNOP | 91.8 | 54.5-177 | %Re | c 1 | 8/29/2023 12:38:12 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 0.050 | mg/L | 1 | 8/28/2023 3:37:00 PM |
| Surr: BFB | 102 | 15-270 | %Re | c 1 | 8/28/2023 3:37:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 1.0 | µg/L | 1 | 8/28/2023 3:37:00 PM |
| Toluene | ND | 1.0 | µg/L | 1 | 8/28/2023 3:37:00 PM |
| Ethylbenzene | ND | 1.0 | µg/L | 1 | 8/28/2023 3:37:00 PM |
| Xylenes, Total | ND | 2.0 | µg/L | 1 | 8/28/2023 3:37:00 PM |
| Surr: 4-Bromofluorobenzene | 95.6 | 52.4-148 | %Re | c 1 | 8/28/2023 3:37:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: SNS |
| Chloride | 310 | 50 | * mg/L | 100 | 8/26/2023 9:06:54 PM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | Analyst: MCA |
| Total Dissolved Solids | 1210 | 50.0 | * mg/L | 1 | 8/30/2023 3:05:00 PM |

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

Qualifiers:

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

Page 3 of 10

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308E14

Date Reported: 9/8/2023

| CLIENT: | Animas Environmental Services | (| Client Sample ID: MW-4 |
|----------|-------------------------------|------------------|---------------------------------------|
| Project: | BMG Landfarm | | Collection Date: 8/23/2023 1:56:00 PM |
| Lab ID: | 2308E14-004 | Matrix: GROUNDWA | Received Date: 8/25/2023 7:10:00 AM |

| Analyses | Result | RL Q | ual Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|-----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | mg/L | 1 | 8/29/2023 12:49:11 AM |
| Motor Oil Range Organics (MRO) | ND | 5.0 | mg/L | 1 | 8/29/2023 12:49:11 AM |
| Surr: DNOP | 99.2 | 54.5-177 | %Rec | 1 | 8/29/2023 12:49:11 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: CCM |
| Gasoline Range Organics (GRO) | ND | 0.050 | mg/L | 1 | 8/28/2023 3:59:00 PM |
| Surr: BFB | 101 | 15-270 | %Rec | 1 | 8/28/2023 3:59:00 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | ND | 1.0 | µg/L | 1 | 8/28/2023 3:59:00 PM |
| Toluene | ND | 1.0 | µg/L | 1 | 8/28/2023 3:59:00 PM |
| Ethylbenzene | ND | 1.0 | µg/L | 1 | 8/28/2023 3:59:00 PM |
| Xylenes, Total | ND | 2.0 | µg/L | 1 | 8/28/2023 3:59:00 PM |
| Surr: 4-Bromofluorobenzene | 95.3 | 52.4-148 | %Rec | 1 | 8/28/2023 3:59:00 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: SNS |
| Chloride | 150 | 5.0 | mg/L | 10 | 8/26/2023 9:19:19 PM |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | Analyst: MCA |
| Total Dissolved Solids | 720 | 50.0 | * mg/L | 1 | 8/30/2023 3:05:00 PM |

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

Qualifiers:

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

Page 4 of 10

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

Analytical Report

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2308E14

Date Reported: 9/8/2023

8/28/2023 5:27:00 PM

8/28/2023 5:27:00 PM

8/28/2023 5:27:00 PM

| CLIENT: | Animas Environmental Services | (| lient Sar | nple ID | : Trip B | lank |
|----------|-------------------------------|--------------------|-----------|----------|----------|----------------------|
| Project: | BMG Landfarm | | Collectio | on Date: | : | |
| Lab ID: | 2308E14-005 | Matrix: TRIP BLANK | Receive | ed Date: | 8/25/2 | 023 7:10:00 AM |
| Analyses | | Result R | L Qual | Units | DF | Date Analyzed |
| EPA ME | THOD 8021B: VOLATILES | | | | | Analyst: CCM |
| Benzene | | ND | 1.0 | µg/L | 1 | 8/28/2023 5:27:00 PM |
| Toluene | | ND | 1.0 | µg/L | 1 | 8/28/2023 5:27:00 PM |

ND

ND

95.3

1.0

2.0

52.4-148

µg/L

µg/L

%Rec

1

1

1

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

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

RL

Page 5 of 10

| Client: Project: | | Animas Environm BMG Landfarm | ental Se | ervices | | | | | | | |
|---------------------|------|---------------------------------|----------|-----------|-------------|-------------------|-----------|---------------|------|----------|------|
| Sample ID: | MB | Samp | Туре: М | BLK | Tes | tCode: EF | PA Method | 300.0: Anions | | | |
| Client ID: | PBW | Bate | ch ID: R | 99266 | F | RunNo: 9 9 | 9266 | | | | |
| Prep Date: | | Analysis | Date: 8 | /26/2023 | S | SeqNo: 36 | 620951 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND | 0.50 | | | | | | | | |
| Sample ID: | LCS | Samp | Type: L | cs | Tes | tCode: EF | PA Method | 300.0: Anions | | | |
| Client ID: | LCSW | Bate | ch ID: R | 99266 | F | RunNo: 9 9 | 9266 | | | | |
| Prep Date: | | Analysis | Date: 8 | 8/26/2023 | S | SeqNo: 36 | 620953 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 4.8 | 0.50 | 5.000 | 0 | 95.7 | 90 | 110 | | | |

Qualifiers:

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

2308E14

08-Sep-23

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Animas Project: BMG La | Environme andfarm | ntal Sei | rvices | | | | | | | |
|-----------------------------------|----------------------|-------------------|-----------|-------------|-------------------|-----------|---------------|-----------|----------|------|
| Sample ID: LCS-77113 | SampT | ype: LC | S | Tes | tCode: EF | PA Method | 8015M/D: Dies | sel Range | | |
| Client ID: LCSW | Batch | n ID: 771 | 13 | F | RunNo: 9 9 | 9274 | | | | |
| Prep Date: 8/25/2023 | Analysis D | ate: 8/2 | 29/2023 | ŝ | SeqNo: 36 | 622815 | Units: mg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 2.5 | 1.0 | 2.500 | 0 | 101 | 68.4 | 146 | | | |
| Surr: DNOP | 0.27 | | 0.2500 | | 108 | 54.5 | 177 | | | |
| Sample ID: MB-77113 | SampT | уре: МЕ | BLK | Tes | tCode: EF | PA Method | 8015M/D: Dies | sel Range | | |
| Client ID: PBW | Batch | n ID: 77 1 | 13 | F | RunNo: 9 9 | 9274 | | | | |
| Prep Date: 8/25/2023 | Analysis D | ate: 8/2 | 28/2023 | S | SeqNo: 36 | 622816 | Units: mg/L | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 1.0 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | | | | | | | |
| Surr: DNOP | 0.51 | | 0.5000 | | 102 | 54.5 | 177 | | | |

Qualifiers:

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

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2308E14

08-Sep-23

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | Animas E BMG Lan | | ntal Sei | rvices | | | | | | | |
|---------------------|---------------------|------------|------------------|-----------|-------------|----------|-----------|---------------|-----------|----------|------|
| Sample ID: | 2308E14-001BMS | SampT | уре: МS | ; | Tes | tCode: E | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: | MW-1 | Batch | ID: G9 | 9302 | F | RunNo: g | 9302 | | | | |
| Prep Date: | | Analysis D | ate: 8/ 2 | 28/2023 | 5 | SeqNo: 3 | 625763 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 0.50 | 0.050 | 0.5000 | 0 | 100 | 41.2 | 148 | | | |
| Surr: BFB | | 46 | | 20.00 | | 228 | 15 | 270 | | | |
| Sample ID: | 2308E14-001BMSD | SampT | ype: MS | D | Tes | tCode: E | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: | MW-1 | Batch | ID: G9 | 9302 | F | RunNo: g | 9302 | | | | |
| Prep Date: | | Analysis D | ate: 8/ 2 | 28/2023 | S | SeqNo: 3 | 625764 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 0.50 | 0.050 | 0.5000 | 0 | 99.7 | 41.2 | 148 | 0.520 | 20 | |
| Surr: BFB | | 45 | | 20.00 | | 223 | 15 | 270 | 0 | 0 | |
| Sample ID: | 2.5ug gro lcs | SampT | ype: LC | S | Tes | tCode: E | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: | LCSW | Batch | ID: G9 | 9302 | F | RunNo: 9 | 9302 | | | | |
| Prep Date: | | Analysis D | ate: 8/ 2 | 28/2023 | S | SeqNo: 3 | 626182 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 0.48 | 0.050 | 0.5000 | 0 | 96.4 | 70 | 130 | | | |
| Surr: BFB | | 43 | | 20.00 | | 214 | 15 | 270 | | | |
| Sample ID: | mb | SampT | ype: ME | BLK | Tes | tCode: E | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: | PBW | Batch | ID: G9 | 9302 | F | RunNo: g | 9302 | | | | |
| Prep Date: | | Analysis D | ate: 8/ 2 | 28/2023 | 5 | SeqNo: 3 | 626183 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| - | e Organics (GRO) | ND | 0.050 | | | | | | | | |
| Surr: BFB | | 20 | | 20.00 | | 100 | 15 | 270 | | | |

Qualifiers:

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

WO#: 2308E14 08-Sep-23

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | Animas l BMG La | Environme ndfarm | ental Ser | vices | | | | | | | |
|---------------------|--------------------|---------------------|-----------------|-----------|-------------|-------------------|-----------|---------------|------|----------|------|
| Sample ID: 100ng | g btex lcs | Samp | Гуре: LC | s | Tes | tCode: EF | PA Method | 8021B: Volati | les | | |
| Client ID: LCSV | v | Batcl | h ID: R9 | 9302 | F | RunNo: 9 9 | 9302 | | | | |
| Prep Date: | | Analysis E | Date: 8/2 | 28/2023 | 5 | SeqNo: 36 | 622740 | Units: µg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 19 | 1.0 | 20.00 | 0 | 96.1 | 70 | 130 | | | |
| Toluene | | 19 | 1.0 | 20.00 | 0 | 96.5 | 70 | 130 | | | |
| Ethylbenzene | | 20 | 1.0 | 20.00 | 0 | 98.6 | 70 | 130 | | | |
| Xylenes, Total | | 59 | 2.0 | 60.00 | 0 | 98.9 | 70 | 130 | | | |
| Surr: 4-Bromofluoro | benzene | 19 | | 20.00 | | 94.9 | 52.4 | 148 | | | |
| Sample ID: mb | | SampT | Гуре: МВ | LK | Tes | tCode: EF | PA Method | 8021B: Volati | les | | |
| Client ID: PBW | | Batcl | h ID: R9 | 9302 | F | RunNo: 9 9 | 9302 | | | | |
| Prep Date: | | Analysis E | Date: 8/2 | 28/2023 | S | SeqNo: 36 | 622741 | Units: µg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | ND | 1.0 | | | | | | | | |
| Toluene | | ND | 1.0 | | | | | | | | |
| Ethylbenzene | | ND | 1.0 | | | | | | | | |
| Kylenes, Total | | ND | 2.0 | | | | | | | | |
| Surr: 4-Bromofluoro | benzene | 19 | | 20.00 | | 93.6 | 52.4 | 148 | | | |

Qualifiers:

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

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2308E14

08-Sep-23

| Client: Project: | | mas Environme G Landfarm | ntal Sei | vices | | | | | | | |
|----------------------|---------|-----------------------------|-------------------|-----------|-------------|-------------------|-----------|---------------|------------|----------|------|
| Sample ID: MB | 8-77156 | SampT | уре: МЕ | BLK | Tes | tCode: SN | M2540C MC | D: Total Diss | olved Soli | ids | |
| Client ID: PB | w | Batch | n ID: 77 1 | 156 | F | RunNo: 9 9 | 9352 | | | | |
| Prep Date: 8/ | 29/2023 | Analysis D | 0ate: 8/ 3 | 30/2023 | Ş | SeqNo: 36 | 625321 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Total Dissolved Soli | ids | ND | 50.0 | | | | | | | | |
| Sample ID: LC: | S-77156 | SampT | ype: LC | s | Tes | tCode: SN | M2540C MC | D: Total Diss | olved Soli | ids | |
| Client ID: LC: | sw | Batch | n ID: 77 1 | 156 | F | RunNo: 99 | 9352 | | | | |
| Prep Date: 8/ | 29/2023 | Analysis D |)ate: 8/ 3 | 30/2023 | Ş | SeqNo: 36 | 625322 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Total Dissolved Soli | ids | 989 | 50.0 | 1000 | 0 | 98.9 | 80 | 120 | | | |

Qualifiers:

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

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2308E14

08-Sep-23

| ANALY | CONMENTAL YSIS RATORY | Hall Environmental Albu TEL: 505-345-3975 Website: www.ha | 490 iquerq FAX: | 1 Hawkins 1 ue. NM 871 505-345-41 | NE 09 Sa 07 | mple Log-In | Check List |
|--|---|--|-----------------------|---|-------------------|--------------------------------|-------------------------|
| Client Name: | Animas Environmental Services | Work Order Number: | 230 | 3E14 | | RcptN | o: 1 |
| Received By: | Juan Rojas | 8/25/2023 7:10:00 AM | | | Hank | 7 | |
| Completed By: | Tracy Casarrubias | 8/25/2023 9:17:26 AM | | | | | |
| Reviewed By: | A 8-25-23 | | | | | | |
| Chain of Cus | tody | | | | | | |
| | ustody complete? | | Yes | | No 🗌 | Not Present | |
| 2. How was the | sample delivered? | | <u>Cou</u> | rier | | | |
| Log In | | | | | | | |
| Was an atten | npt made to cool the samples? | 2 | Yes | | No 🗌 | NA 🗌 | |
| 4. Were all sam | ples received at a temperature | e of >0° C to 6.0°C | Yes | | No 🗌 | | |
| 5. Sample(s) in | proper container(s)? | | Yes | | No 🗌 | | |
| 6. Sufficient sam | nple volume for indicated test(| s)? | Yes | | No 🗌 | | |
| 7. Are samples (| (except VOA and ONG) proper | rly preserved? | Yes | \checkmark | No 🗌 | | |
| 8. Was preserva | tive added to bottles? | | Yes | | No 🔽 | NA 🗌 | |
| 9. Received at le | east 1 vial with headspace <1/4 | 4" for AQ VOA? | Yes | | No 🗌 | NA 🗌 | |
| 10. Were any sar | mple containers received broke | en? | Yes | | No 🔽 | # of preserved bottles checked | |
| | ork match bottle labels? ancies on chain of custody) | | Yes | | No 🗌 | for pH: | or >12 unless noted) |
| | correctly identified on Chain of | f Custody? | Yes | \checkmark | No 🗌 | Adjusted? | |
| 13. Is it clear wha | t analyses were requested? | | Yes | | No 🗌 | | 23/27 |
| | ing times able to be met? sustomer for authorization.) | | Yes | | No 🗌 | Checked by: | 7n 8/29/23 148/25/23 |
| Special Handi | ling (if applicable) | | | | | | , |
| | otified of all discrepancies with | this order? | Yes | | No | NA 🗹 | |
| Person | Notified: | Date: | | | | ur | |
| By Who | om: | Via: |] eM | ail 🗌 Ph | one 🗌 Fa | x | |
| Regard | ling: | | | | | | |
| Client I | nstructions: | | and country of | | | | |
| 16. Additional re | emarks: | | | | | | |
| 17. <u>Cooler Info</u> Cooler No 1 | in the second | | Seal D | Pate S | Signed By | | |

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Released to Imaging: 4/8/2025 1:00:45 PM

Received by OCD: 3/6/2024 10:51:20 AM

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| Received | hain. | 36494 | Received CMARN: 368 CUSIOUS ANRecord | Turn-Around Time: | | | | | | Page 89 of 135 HALL ENVIDONMENTAL |
|-------------------------|------------------------|------------------|--|---|---------------------------|---------------------------------------|------------|--------------------|-----------|---|
| Client: | 4 | Animas Er | Animas Environmental Services | X Standard | Rush_ | | | | | ANALYSIS LABORATORY |
| | | | | Project Name: | | | | | | www.hallenvironmental.com |
| Mailing | Mailing Address: | | P.O. Box 8 | | BMG Landfarm | arm | | 4901 | Hawk | 4901 Hawkins NE - Albuquerque, NM 87109 |
| | Far | mington, | Farmington, NM 87499-0008 | Project #: | | | | Tel. | 505-3 | 505-345-3975 Fax 505-345-4107 |
| Phone #: | #: | 720-537-6650 | -6650 | | AES 040605 |)5 | | | | Analysis Request |
| Email c | Email or Fax#: | atodd@6 | atodd@animasenvironmental.com | Project Manager: | | | | | | |
| QA/QC | QA/QC Package: | | | | Angela Todd | Jd | | | | |
| X Standard | ndard | | Level 4 (Full Validation) | | | | 120 | | | |
| Accreditation: | itation: | □ Az Co | Az Compliance | Sampler: | | | 08 F | | | |
| | AC | | | On Ice: | E Yes | D No | юц | | | |
| | 🗆 EDD (Type) | | | # of Coolers: | 1 | 100% | j9M | | | |
| | | | | Cooler Temp(Including | 19 CF): 2.9 | 1-023.8 | l biv | | | |
| Date | Time | Matrix | Matrix Sample Name | Container Type and # | Preservativ e Type | 7306 EIN | хэта | тен сво Сhlorid | zia letoT | |
| 8-23-51 | 13:30 | GW | 1-WM | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 2-None cool | 100 | · × | × | × | |
| | | ßW | MW-2 | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 2-None cool | 200 | × | × | × | |
| | 14:13 | GW | MW-3 | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 2-None cool | 003 | × | × | × | |
| Þ | 13:56 | GW | MW-4 | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 2-None cool | HOO | × | × | × | |
| | | Μ | Trip Blank | (2) 40 mL glass | cool | 005 | × | | | |
| Date: Bylb3 Date: | Time: 1355 Time: | Relinquishey by: | ed by: | Received by: Via: | 1ar | Date, Time SDMD3_1355 Date Time | Remarks: | arks: Plea | ise d | rks: Please direct-bill this project to BMG. |
| 8/NP/3 | 175% | CM | int when | 4 | 1:20 | 2 | | | | |
| | If neces: | sary, samples | s submitted to Hall Environmental may be | subcontracted to other ac | credited laboratori | es. This serves as notice of t | iis possit | ility. An | y sub-cc | If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. |

Released to Imaging: 4/8/2025 1:00:45 PM

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September 11, 2023

Angela Todd Animas Environmental Services 624 E. Comanche Farmington, NM 87401 TEL: FAX: Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

RE: BMG Landfarm TZ Soil Samples

OrderNo.: 2308E15

Dear Angela Todd:

Hall Environmental Analysis Laboratory received 4 sample(s) on 8/25/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Project: BMG Landfarm TZ Soil Samples

Analytical Report Lab Order 2308E15

Date Reported: 9/11/2023

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Cell #1 TZ CS-1 Collection Date: 8/23/2023 10:09:00 AM

| Lab ID: 2308E15-001 | Matrix: SOIL | R | eceived Date: | 8/25/2 | 2023 7:10:00 AM |
|--------------------------------|--------------------|--------|---------------|--------|----------------------|
| Analyses | Result | RL | Qual Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIE | SEL RANGE ORGANICS | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | 110 | 9.3 | mg/Kg | 1 | 9/2/2023 10:43:16 AM |
| Motor Oil Range Organics (MRO) | 210 | 47 | mg/Kg | 1 | 9/2/2023 10:43:16 AM |
| Surr: DNOP | 125 | 69-147 | %Rec | 1 | 9/2/2023 10:43:16 AM |
| EPA METHOD 8015D: GASO | LINE RANGE | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 9/1/2023 2:27:12 PM |
| Surr: BFB | 93.2 | 15-244 | %Rec | 1 | 9/1/2023 2:27:12 PM |
| EPA METHOD 300.0: ANION | S | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 8/30/2023 9:49:07 PM |

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

Qualifiers:

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

н

- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
 - Practical Quanitative Limit

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

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

Page 1 of 8

Project: BMG Landfarm TZ Soil Samples

Analytical Report Lab Order 2308E15

Date Reported: 9/11/2023

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Cell #2 TZ CS-1 Collection Date: 8/23/2023 10:38:00 AM

| Lab ID: 2308E15-002 | Matrix: SOIL | Rece | eived Date: | 8/25/2 | 2023 7:10:00 AM |
|--------------------------------|----------------|--------|-------------|--------|-----------------------|
| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHOD 8015M/D: DIESEL | RANGE ORGANICS | | | | Analyst: PRD |
| Diesel Range Organics (DRO) | 200 | 9.7 | mg/Kg | 1 | 9/2/2023 2:42:29 PM |
| Motor Oil Range Organics (MRO) | 340 | 49 | mg/Kg | 1 | 9/2/2023 2:42:29 PM |
| Surr: DNOP | 124 | 69-147 | %Rec | 1 | 9/2/2023 2:42:29 PM |
| EPA METHOD 8015D: GASOLINI | E RANGE | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 9/1/2023 2:50:49 PM |
| Surr: BFB | 95.0 | 15-244 | %Rec | 1 | 9/1/2023 2:50:49 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 8/30/2023 10:01:32 PM |
| | | | | | |

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

Qualifiers:

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

н

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

Page 2 of 8

Project: BMG Landfarm TZ Soil Samples

Analytical Report Lab Order 2308E15

Date Reported: 9/11/2023

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Cell #3 TZ CS-1 Collection Date: 8/23/2023 11:13:00 AM

| Lab ID: 23 | 08E15-003 | E15-003Matrix: SOILReceived Date: 8/2 | | | | 2023 7:10:00 AM |
|---------------|---------------------|---------------------------------------|--------|----------|----|-----------------------|
| Analyses | | Result | RL Qu | al Units | DF | Date Analyzed |
| EPA METHO | D 8015M/D: DIESEL R | ANGE ORGANICS | | | | Analyst: PRD |
| Diesel Range | e Organics (DRO) | 170 | 9.9 | mg/Kg | 1 | 9/2/2023 3:54:31 PM |
| Motor Oil Rar | nge Organics (MRO) | 300 | 49 | mg/Kg | 1 | 9/2/2023 3:54:31 PM |
| Surr: DNO | P | 125 | 69-147 | %Rec | 1 | 9/2/2023 3:54:31 PM |
| EPA METHO | D 8015D: GASOLINE F | ANGE | | | | Analyst: JJP |
| Gasoline Ran | nge Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 9/1/2023 3:38:08 PM |
| Surr: BFB | | 95.2 | 15-244 | %Rec | 1 | 9/1/2023 3:38:08 PM |
| EPA METHO | D 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | | ND | 60 | mg/Kg | 20 | 8/30/2023 10:13:57 PM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

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

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Project: BMG Landfarm TZ Soil Samples

Analytical Report Lab Order 2308E15

Date Reported: 9/11/2023

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Cell #4 TZ CS-1 Collection Date: 8/23/2023 11:41:00 AM

| Lab ID: 230 | 98E15-004 | Matrix: SOIL | Rec | Received Date: 8/25/2023 7:10:00 AM | | | | | | |
|----------------|---------------------|---------------|--------|--|----|-----------------------|--|--|--|--|
| Analyses | | Result | RL Q | ual Units | DF | Date Analyzed | | | | |
| EPA METHO | D 8015M/D: DIESEL R | ANGE ORGANICS | | | | Analyst: PRD | | | | |
| Diesel Range | Organics (DRO) | 39 | 9.4 | mg/Kg | 1 | 9/2/2023 5:06:28 PM | | | | |
| Motor Oil Rang | ge Organics (MRO) | 60 | 47 | mg/Kg | 1 | 9/2/2023 5:06:28 PM | | | | |
| Surr: DNOF |) | 127 | 69-147 | %Rec | 1 | 9/2/2023 5:06:28 PM | | | | |
| EPA METHO | D 8015D: GASOLINE R | ANGE | | | | Analyst: JJP | | | | |
| Gasoline Rang | ge Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 9/1/2023 4:01:51 PM | | | | |
| Surr: BFB | | 94.3 | 15-244 | %Rec | 1 | 9/1/2023 4:01:51 PM | | | | |
| EPA METHO | D 300.0: ANIONS | | | | | Analyst: JMT | | | | |
| Chloride | | ND | 61 | mg/Kg | 20 | 8/30/2023 10:26:22 PM | | | | |

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

Qualifiers:

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

н

- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL
 - Practical Quanitative Limit

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

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

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15

1.5

15.00

| Client: Project: | | imas Environmental So 1G Landfarm TZ Soil S | | | | | | | | |
|---------------------|-----------|--|-----------|-------------|--------------------|----------|---------------|------|----------|------|
| Sample ID: | MB-77199 | SampType: M | BLK | Tes | tCode: EPA | Method | 300.0: Anions | | | |
| Client ID: | PBS | Batch ID: 7 | 7199 | F | RunNo: 9935 | 51 | | | | |
| Prep Date: | 8/30/2023 | Analysis Date: 8 | /30/2023 | S | SeqNo: 3626 | 420 | Units: mg/K | g | | |
| Analyte | | Result PQL | SPK value | SPK Ref Val | %REC L | .owLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND 1.5 | i | | | | | | | |
| Sample ID: | LCS-77199 | SampType: L | cs | Tes | tCode: EPA | Method | 300.0: Anions | | | |
| Client ID: | LCSS | Batch ID: 7 | 7199 | F | RunNo: 9935 | 51 | | | | |
| Prep Date: | 8/30/2023 | Analysis Date: 8 | /30/2023 | S | SeqNo: 3626 | 421 | Units: mg/K | g | | |
| Analyte | | Result PQL | SPK value | SPK Ref Val | %REC L | .owLimit | HighLimit | %RPD | RPDLimit | Qual |

0

97.0

90

110

Chloride

Qualifiers:

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

2308E15

11-Sep-23

QC SUMMARY REPORT Hall

| Hall Env | WO#: | 2308E15 11-Sep-23 | |
|----------|-------------------------------|----------------------|--|
| Client: | Animas Environmental Services | | |

| | andfarm TZ Soil Samples | |
|---|---|---|
| Sample ID: LCS-77177 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 77177 | RunNo: 99380 |
| Prep Date: 8/29/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627016 Units: %Rec |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Surr: DNOP | 5.7 5.000 | 114 69 147 |
| Sample ID: LCS-77185 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: LCSS | Batch ID: 77185 | RunNo: 99380 |
| Prep Date: 8/30/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627017 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | 61 10 50.00 | 0 121 61.9 130 |
| Surr: DNOP | 6.6 5.000 | 131 69 147 |
| Sample ID: MB-77177 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: PBS | Batch ID: 77177 | RunNo: 99380 |
| Prep Date: 8/29/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627018 Units: %Rec |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Surr: DNOP | 12 10.00 | 116 69 147 |
| Sample ID: MB-77185 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Client ID: PBS | Batch ID: 77185 | RunNo: 99380 |
| Prep Date: 8/30/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627019 Units: mg/Kg |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Diesel Range Organics (DRO) | ND 10 | |
| Notor Oil Range Organics (MRO) Surr: DNOP | ND 50 13 10.00 | 126 69 147 |
| | | |
| Sample ID: LCS-77176 Client ID: LCSS | SampType: LCS Batch ID: 77176 | TestCode: EPA Method 8015M/D: Diesel Range Organics RunNo: 99380 |
| Prep Date: 8/29/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627544 Units: %Rec |
| Analyte | | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Surr: DNOP | 5.5 5.000 | 109 69 147 |
| | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics |
| Sample ID: LCS-77208 | | |
| | 1 31 | |
| Sample ID: LCS-77208 Client ID: LCSS Prep Date: 8/30/2023 | Batch ID: 77208 Analysis Date: 8/31/2023 | RunNo: 99380 SeqNo: 3627545 Units: % Rec |
| Client ID: LCSS | Batch ID: 77208 | RunNo: 99380 SeqNo: 3627545 Units: %Rec |

Qualifiers:

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

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QC SUMMARY REPORT Hall Env

| | WO#: | 2308E15 |
|---------------------------------------|------|-----------|
| vironmental Analysis Laboratory, Inc. | | 11-Sep-23 |

| Client: Project: | Animas E BMG Lan | | | | | | | | | | |
|---|---|--|---|--|--|--|--|---|--------------------------------|----------------------------------|------|
| Sample ID: | LCS-77213 | SampT | ype: LC | s | Tes | tCode: EF | PA Method | 8015M/D: Dies | el Range | Organics | |
| Client ID: | LCSS | Batch | ID: 772 | 213 | F | RunNo: 9 9 | 9380 | | | | |
| Prep Date: | 8/30/2023 | Analysis D | ate: 8/ | 31/2023 | 5 | SeqNo: 36 | 627547 | Units: %Rec | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | | 5.3 | | 5.000 | | 105 | 69 | 147 | | | |
| Sample ID: | MB-77176 | SampT | ype: ME | BLK | Tes | tCode: EF | PA Method | 8015M/D: Dies | el Range | Organics | |
| Client ID: | PBS | Batch | ID: 77 | 176 | F | RunNo: 9 9 | 9380 | | | | |
| Prep Date: | 8/29/2023 | Analysis D | ate: 8/ | 31/2023 | S | SeqNo: 36 | 627552 | Units: %Rec | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | | 13 | | 10.00 | | 126 | 69 | 147 | | | |
| Sample ID: | MB-77208 | SampT | ype: ME | BLK | Tes | tCode: EF | PA Method | 8015M/D: Dies | el Range | Organics | |
| Client ID: | PBS | Batch | ID: 772 | 208 | F | RunNo: 9 9 | 9380 | | | | |
| Prep Date: | 8/30/2023 | Analysis D | ate: 8/ | 31/2023 | S | SeqNo: 36 | 627556 | Units: %Rec | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | | 13 | | 10.00 | | 131 | 69 | 147 | | | |
| Sample ID: | MB-77213 | SampT | ype: ME | BLK | Tes | tCode: EF | PA Method | 8015M/D: Dies | el Range | Organics | |
| Client ID: | PBS | Batch | ID: 77 | 012 | - | | | | | | |
| | | | | 213 | F | RunNo: 9 9 | 9380 | | | | |
| Prep Date: | 8/30/2023 | Analysis D | | - | | SeqNo: 36 | | Units: %Rec | | | |
| • | 8/30/2023 | Analysis D Result | | 31/2023 | | | | Units: %Rec HighLimit | %RPD | RPDLimit | Qual |
| • | | | ate: 8/ | 31/2023 | S | SeqNo: 36 | 627557 | | %RPD | RPDLimit | Qual |
| Analyte Surr: DNOP | | Result 11 | ate: 8/ | 31/2023 SPK value 10.00 | SPK Ref Val | SeqNo: 36 %REC 108 | 627557 LowLimit 69 | HighLimit | | | Qual |
| Analyte Surr: DNOP Sample ID: | | Result 11 SampT | ate: 8/ PQL | 31/2023 SPK value 10.00 | SPK Ref Val | SeqNo: 36 %REC 108 | Contemporation Contemporatio Contemporation Contemporation Contemporation Contemp | HighLimit 147 | | | Qual |
| Analyte Surr: DNOP Sample ID: Client ID: | 2308E15-001AMS | Result 11 SampT | ate: 8/ PQL ype: MS | 31/2023 SPK value 10.00 | SPK Ref Val Tes | SeqNo: 36 %REC 108 tCode: EF | 27557 LowLimit 69 PA Method 9439 | HighLimit 147 | el Range | | Qual |
| Analyte Surr: DNOP | 2308E15-001AMS Cell #1 TZ CS-1 | Result 11 SampT Batch | ate: 8/ PQL ype: MS | 31/2023 SPK value 10.00 3 185 2/2023 | SPK Ref Val Tes | SeqNo: 36 %REC 108 tCode: EF | 27557 LowLimit 69 PA Method 9439 | HighLimit 147 8015M/D: Dies | el Range | | Qual |
| Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range C | 2308E15-001AMS Cell #1 TZ CS-1 | Result 11 SampT Batch Analysis D Result 140 | ate: 8/ PQL ype: MS DD: 77 ate: 9/ | 31/2023 SPK value 10.00 3 185 2/2023 SPK value 47.21 | SPK Ref Val Tes F | SeqNo: 36 %REC 108 tCode: EF RunNo: 99 SeqNo: 36 %REC 64.8 | 527557 LowLimit 69 PA Method 9439 529688 LowLimit 54.2 | HighLimit 147 8015M/D: Dies Units: mg/Kg HighLimit 135 | sel Range | Organics | |
| Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte | 2308E15-001AMS Cell #1 TZ CS-1 8/30/2023 | Result 11 SampT Batch Analysis D Result | ate: 8 / PQL ype: MS 1D: 77 ate: 9 / PQL | 31/2023 SPK value 10.00 3 185 2/2023 SPK value | SPK Ref Val Tes F SPK Ref Val | SeqNo: 36 %REC 108 tCode: EF RunNo: 99 SeqNo: 36 %REC | 227557 LowLimit 69 PA Method 9439 529688 LowLimit | HighLimit 147 8015M/D: Dies Units: mg/Kg HighLimit | sel Range | Organics | |
| Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range C Surr: DNOP | 2308E15-001AMS Cell #1 TZ CS-1 8/30/2023 | Result 11 SampT Batch Analysis D Result 140 5.9 | ate: 8 / PQL ype: MS 1D: 77 ate: 9 / PQL | 31/2023 SPK value 10.00 3 185 2/2023 SPK value 47.21 4.721 | SPK Ref Val Tes F SPK Ref Val 107.2 | SeqNo: 36 %REC 108 tCode: EF RunNo: 99 SeqNo: 36 %REC 64.8 126 | 527557 LowLimit 69 PA Method 9439 529688 LowLimit 54.2 69 | HighLimit 147 8015M/D: Dies Units: mg/Kg HighLimit 135 | sel Range 9 %RPD | Organics RPDLimit | |
| Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range C Surr: DNOP Sample ID: | 2308E15-001AMS Cell #1 TZ CS-1 8/30/2023 Drganics (DRO) | Result 11 SampT Batch Analysis D Result 140 5.9 SampT | ate: 8/. PQL ype: MS ID: 77 ate: 9/. PQL 9.4 | 31/2023 SPK value 10.00 3 185 2/2023 SPK value 47.21 4.721 5D | SPK Ref Val Tes SPK Ref Val 107.2 Tes | SeqNo: 36 %REC 108 tCode: EF RunNo: 99 SeqNo: 36 %REC 64.8 126 | 227557 LowLimit 69 24 Method 0439 529688 LowLimit 54.2 69 24 Method | HighLimit 147 8015M/D: Dies Units: mg/Kg HighLimit 135 147 | sel Range 9 %RPD | Organics RPDLimit | |
| Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range C Surr: DNOP Sample ID: | 2308E15-001AMS Cell #1 TZ CS-1 8/30/2023 Drganics (DRO) 2308E15-001AMSD | Result 11 SampT Batch Analysis D Result 140 5.9 SampT | ype: MS PQL ype: MS DD: 77 PQL 9.4 ype: MS DD: 77 | 31/2023 SPK value 10.00 36 185 2/2023 SPK value 47.21 4.721 5D 185 | SPK Ref Val Tes SPK Ref Val 107.2 Tes | SeqNo: 36 %REC 108 tCode: EF RunNo: 99 SeqNo: 36 %REC 64.8 126 tCode: EF | 527557 LowLimit 69 PA Method 9439 529688 LowLimit 54.2 69 PA Method 9439 | HighLimit 147 8015M/D: Dies Units: mg/Kg HighLimit 135 147 | sel Range %RPD sel Range | Organics RPDLimit | |
| Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range C Surr: DNOP Sample ID: Client ID: | 2308E15-001AMS Cell #1 TZ CS-1 8/30/2023 Drganics (DRO) 2308E15-001AMSD Cell #1 TZ CS-1 | Result 11 SampT Batch Analysis D Result 140 5.9 SampT Batch | ype: MS PQL ype: MS DD: 77 PQL 9.4 ype: MS DD: 77 | 31/2023 SPK value 10.00 185 2/2023 SPK value 47.21 4.721 5D 185 2/2023 | SPK Ref Val Tes SPK Ref Val 107.2 Tes | SeqNo: 36 %REC 108 tCode: EF RunNo: 99 SeqNo: 36 %REC 64.8 126 126 tCode: EF RunNo: 99 SeqNo: 36 %REC 64.8 126 126 | 527557 LowLimit 69 PA Method 9439 529688 LowLimit 54.2 69 PA Method 9439 | HighLimit 147 8015M/D: Dies Units: mg/Kg HighLimit 135 147 8015M/D: Dies | sel Range %RPD sel Range | Organics RPDLimit | |
| Analyte Surr: DNOP Sample ID: Client ID: Prep Date: Analyte Diesel Range C Surr: DNOP Sample ID: Client ID: Prep Date: Analyte | 2308E15-001AMS Cell #1 TZ CS-1 8/30/2023 Drganics (DRO) 2308E15-001AMSD Cell #1 TZ CS-1 8/30/2023 | Result 11 SampT Batch Analysis D Result 140 5.9 SampT Batch Analysis D | ate: 8/ PQL ype: MS 1D: 77' ate: 9/ 9.4 ype: MS 1D: 77' ate: 9/ | 31/2023 SPK value 10.00 185 2/2023 SPK value 47.21 4.721 5D 185 2/2023 | SPK Ref Val Tes SPK Ref Val 107.2 Tes F | SeqNo: 36 %REC 108 tCode: EF RunNo: 99 SeqNo: 36 tCode: EF RunNo: 99 SeqNo: 36 | 527557 LowLimit 69 PA Method 529688 LowLimit 54.2 69 PA Method 5439 529691 | HighLimit 147 8015M/D: Dies Units: mg/Kg HighLimit 135 147 8015M/D: Dies Units: mg/Kg | sel Range %RPD sel Range | Organics RPDLimit Organics | Qual |

Qualifiers:

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

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| | Environmental Services ndfarm TZ Soil Samples | | | | | | | |
|-------------------------------|--|---------------------------|------------------------------|--|--|--|--|--|
| Sample ID: Ics-77179 | SampType: LCS | TestCode: EPA Method | 8015D: Gasoline Range | | | | | |
| Client ID: LCSS | Batch ID: 77179 | RunNo: 99366 | | | | | | |
| Prep Date: 8/29/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627634 | Units: mg/Kg | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual | | | | | |
| Gasoline Range Organics (GRO) | 23 5.0 25.00 | 0 93.6 70 | 130 | | | | | |
| Surr: BFB | 2000 1000 | 203 15 | 244 | | | | | |
| Sample ID: Ics-77198 | SampType: LCS | TestCode: EPA Method | 8015D: Gasoline Range | | | | | |
| Client ID: LCSS | Batch ID: 77198 | RunNo: 99366 | | | | | | |
| Prep Date: 8/30/2023 | Analysis Date: 9/1/2023 | SeqNo: 3627635 | Units: %Rec | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual | | | | | |
| Surr: BFB | 1900 1000 | 193 15 | 244 | | | | | |
| Sample ID: mb-77198 | SampType: MBLK | TestCode: EPA Method | 8015D: Gasoline Range | | | | | |
| Client ID: PBS | Batch ID: 77198 | RunNo: 99366 | | | | | | |
| Prep Date: 8/30/2023 | Analysis Date: 9/1/2023 | SeqNo: 3627636 | Units: %Rec | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual | | | | | |
| Surr: BFB | 940 1000 | 93.9 15 | 244 | | | | | |
| Sample ID: mb-77179 | SampType: MBLK | TestCode: EPA Method | 8015D: Gasoline Range | | | | | |
| Client ID: PBS | Batch ID: 77179 | RunNo: 99366 | | | | | | |
| Prep Date: 8/29/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627706 | Units: mg/Kg | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual | | | | | |
| Gasoline Range Organics (GRO) | ND 5.0 | | | | | | | |
| Surr: BFB | 980 1000 | 98.3 15 | 244 | | | | | |
| Sample ID: Ics-77172 | SampType: LCS | TestCode: EPA Method | 8015D: Gasoline Range | | | | | |
| Client ID: LCSS | Batch ID: 77172 | RunNo: 99411 | | | | | | |
| Prep Date: 8/29/2023 | Analysis Date: 9/2/2023 | SeqNo: 3628857 | Units: %Rec | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual | | | | | |
| Surr: BFB | 1900 1000 | 191 15 | 244 | | | | | |
| Sample ID: mb-77172 | SampType: MBLK | TestCode: EPA Method | 8015D: Gasoline Range | | | | | |
| Client ID: PBS | Batch ID: 77172 | RunNo: 99411 | | | | | | |
| Prep Date: 8/29/2023 | Analysis Date: 9/2/2023 | SeqNo: 3628859 | Units: %Rec | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit | HighLimit %RPD RPDLimit Qual | | | | | |
| Surr: BFB | 940 1000 | 93.5 15 | 244 | | | | | |

Qualifiers:

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

2308E15

11-Sep-23

| HALL ENVIRONMENTAL ANALYSIS LABORATORY | Hall Environmental Alb TEL: 505-345-3975 Website: www.ha | 4901 Hawk uquerque. NM 5 F.AX: 505-34. | ins NE 87109 Sam 5-4107 | Sample Log-In Check List | | | | | |
|---|---|--|--------------------------------------|--|---------------|--|--|--|--|
| Client Name: Animas Environ Services | mental Work Order Number | 2308E15 | | RcptNo: 1 | | | | | |
| Received By: Juan Rojas | 8/25/2023 7:10:00 AM | I | (Juan Eng) | | | | | | |
| Completed By: Tracy Casarru | bias 8/25/2023 9:28:50 AM | l | | | | | | | |
| Reviewed By: M 8-25- | 23 | | | | | | | | |
| Chain of Custody | | | | | | | | | |
| 1. Is Chain of Custody complete? | | Yes 🔽 | No 🗌 | Not Present | | | | | |
| 2. How was the sample delivered | | Courier | | | | | | | |
| Log In 3. Was an attempt made to cool t | he samples? | Yes 🗹 | No 🗌 | NA 🗌 | | | | | |
| 4. Were all samples received at a | temperature of >0° C to 6.0°C | Yes 🗹 | No 🗌 | NA 🗌 | | | | | |
| 5. Sample(s) in proper container(| s)? | Yes 🗹 | No 🗌 | | | | | | |
| 6. Sufficient sample volume for in | dicated test(s)? | Yes 🗹 | No 🗌 | | | | | | |
| 7. Are samples (except VOA and | ONG) properly preserved? | Yes 🗹 | No 🗌 | | | | | | |
| 8. Was preservative added to both | les? | Yes 🗌 | No 🗹 | NA 🗌 | | | | | |
| 9. Received at least 1 vial with he | adspace <1/4" for AQ VOA? | Yes 🗌 | No 🗌 | NA 🗹 | | | | | |
| 10. Were any sample containers re | eceived broken? | Yes 🗌 | No 🔽 | # of preserved | | | | | |
| 11. Does paperwork match bottle la (Note discrepancies on chain o | | Yes 🗹 | No 🗌 | for pH: (<2 or >12 | unless noted) | | | | |
| 12. Are matrices correctly identified | I on Chain of Custody? | Yes 🔽 | No 🗌 | Adjusted? | 1 (| | | | |
| 13. Is it clear what analyses were r | equested? | Yes 🗹 | No 🗌 | SIN | x12517 | | | | |
| 14. Were all holding times able to t (If no, notify customer for autho | | Yes 🗹 | No 🗌 | Checked py: SCM | | | | | |
| Special Handling (if application | able) | | | | | | | | |
| 15. Was client notified of all discre | | Yes 🗌 | Νο | NA 🗹 | | | | | |
| Person Notified: | Date: | LAULTO DALLET AND | | | | | | | |
| By Whom: | Via: | eMail |] Phone 🗌 Fax | In Person | | | | | |
| Regarding: | | | | and the second | | | | | |
| Client Instructions: | | | | | | | | | |
| 16. Additional remarks: | | | | | | | | | |
| 17. Cooler Information | | | | | | | | | |
| the second | | Seal Date | Signed By | | | | | | |
| 1 3.8 Go | od Yes Yogi | | | | | | | | |
| | | | | | | | | | |

Page 1 of 1

Received by OCD: 3/6/2024 10:51:20 AM

Page 99 of 135

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| С | hain- | of-Cu | stody Record | Turn-Around Tin | ne: | | | | | н | | LE | NV | IRC | DN | ME | NT | AL |
|-------------------|--------------|------------|---------------------------|------------------------------------|-----------------------|---------------------------------------|---|-------------------------------------|----|--------|-------|--------|-------|---------|------|-----|----|-----|
| Client: | A | nimas Er | vironmental Services | 🗵 Standard | 🗆 Rush | I | | 7 | | | | | | | | | | DRY |
| | | | | Project Name: | | | 1 | | - | | | | | ntal.co | | | | |
| Mailing | Address | : | P.O. Box 8 | BMG L | andfarm - TZ | soil samples | 4901 Hawkins NE - Albuquerque, NM 87109 | | | | | | | | | | | |
| | Far | mington, | NM 87499-0008 | Project #: | | <u></u> | Tel. 505-345-3975 Fax 505-345-4107 | | | | | _ | | | | | | |
| Phone | ¥: | 720-537 | -6650 | | AES 0406 | 05 | | | | | A | nalys | is Re | quest | | | | |
| email o | Fax#: | atodd@a | animasenvironmental.com | Project Manager | л. | | | 5 | | | | | | | | | | |
| QA/QC F | - | | Level 4 (Full Validation) | Angela Todd | | | | TPH GRO / DRO / MRO via Method 8015 | | | | | | | | | | |
| Accredi | | 🗆 Az Co | mpliance | Sampler: | | · · · · · · · · · · · · · · · · · · · | - pg | a Met 30 | | | | | | | | | | |
| | AC | D Other | · | On Ice: | D-Yes | 🗆 No | eth | IRO v | | | | | | | | | | |
| | (Type) | 1 | | # of Coolers: Cooler Temp(inclu | line CEN' O | a yogic | via M | RO / N | | | | | | | | | | |
| | | | | | | 0.0 | les \ | 10 / DI | | | | | | | | | | |
| Date | Time | Matrix | Sample Name | Container Type and # | Preservativ e Type | HEAL No. 2308E 15 | Chlorides via Method 300.0 | TPH GR(| | | | | | | | | | |
| 8-23-23 | 10:09 | Soil | Cell #1 TZ CS-1 | 1 - 4 oz jar | Cool | 001 | X | X | | | | | | | | | | |
| 8-23-23 | 10:38 | Soil | Cell #2 TZ CS-1 | 1 - 4 oz jar | Cool | 002 | X | X | | | | | | | | _ | | |
| 82323 | 11:13 | Soil | Cell #3 TZ CS-1 | 1 - 4 oz jar | Cool | 003 | X | X | | | | | | | | | | |
| 223-23 | 11:41 | Soil | Cell #4 TZ CS-1 | 1 - 4 oz jar | Cool | 004 | X | X | | | - | | _ | | | | | |
| | | | | | | | + | - | | | | | | | | | | |
| | | | | | | | | | | | | | | | | _ | | |
| Date: | Time: | Relinquish | ed by: r | Received by: | /ia: | Date Time | Rei | mark | s: | | _ | | | | | | | |
| 8/24/2 | 1355 | | rih | 1 Chrc | Jan 8 | 124/23 1355 | | | | e dire | ect-b | ill th | is pr | oject | to B | MG. | | |
| Date: 1 S/2423 | Time: NS4 | Relipquish | ed by: | Redeived by: | rounder 8 | Date Time | | | | | | | | | | | | |

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



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

September 12, 2023

Angela Todd Animas Environmental Services 624 E. Comanche Farmington, NM 87401 TEL: FAX:

RE: BMG Landfarm VZ Soil Samples

OrderNo.: 2308E17

Dear Angela Todd:

Hall Environmental Analysis Laboratory received 4 sample(s) on 8/25/2023 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued September 11, 2023.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

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

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

Sincerely,

ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

2308E17-001

Project:

Lab ID:

Analytical Report Lab Order 2308E17

Date Reported: 9/12/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services BMG Landfarm VZ Soil Samples Matrix: SOIL

Client Sample ID: Cell #1 VZ DS-1 Collection Date: 8/23/2023 9:51:00 AM Received Date: 8/25/2023 7:10:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 9.5 | mg/Kg | 1 | 9/1/2023 2:36:31 AM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 9/1/2023 2:36:31 AM |
| Surr: DNOP | 94.6 | 69-147 | %Rec | 1 | 9/1/2023 2:36:31 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 5.0 | mg/Kg | 1 | 9/1/2023 4:25:33 PM |
| Surr: BFB | 101 | 15-244 | %Rec | 1 | 9/1/2023 4:25:33 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 0.025 | mg/Kg | 1 | 9/1/2023 4:25:33 PM |
| Toluene | ND | 0.050 | mg/Kg | 1 | 9/1/2023 4:25:33 PM |
| Ethylbenzene | ND | 0.050 | mg/Kg | 1 | 9/1/2023 4:25:33 PM |
| Xylenes, Total | ND | 0.10 | mg/Kg | 1 | 9/1/2023 4:25:33 PM |
| Surr: 4-Bromofluorobenzene | 109 | 39.1-146 | %Rec | 1 | 9/1/2023 4:25:33 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | 290 | 60 | mg/Kg | 20 | 8/30/2023 10:38:47 PM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

ND PQL Practical Quanitative Limit

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

- Analyte detected in the associated Method Blank в
- Above Quantitation Range/Estimated Value Е
- J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 1 of 8

Analytical Report
Lab Order 2308E17

Date Reported: 9/12/2023

Hall Environmental Analysis Laboratory, Inc.

 CLIENT: Animas Environmental Services

 Project: BMG Landfarm VZ Soil Samples

 Lab ID: 2308E17-002

 Matrix: SOIL

Client Sample ID: Cell #2 VZ DS-1 Collection Date: 8/23/2023 10:21:00 AM Received Date: 8/25/2023 7:10:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|-----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | 24 | 9.8 | mg/Kg | 1 | 9/1/2023 3:01:10 AM |
| Motor Oil Range Organics (MRO) | ND | 49 | mg/Kg | 1 | 9/1/2023 3:01:10 AM |
| Surr: DNOP | 96.8 | 69-147 | %Rec | 1 | 9/1/2023 3:01:10 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 9/1/2023 4:49:17 PM |
| Surr: BFB | 98.2 | 15-244 | %Rec | 1 | 9/1/2023 4:49:17 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 0.024 | mg/Kg | 1 | 9/1/2023 4:49:17 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 9/1/2023 4:49:17 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 9/1/2023 4:49:17 PM |
| Xylenes, Total | ND | 0.096 | mg/Kg | 1 | 9/1/2023 4:49:17 PM |
| Surr: 4-Bromofluorobenzene | 111 | 39.1-146 | %Rec | 1 | 9/1/2023 4:49:17 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: JMT |
| Chloride | ND | 60 | mg/Kg | 20 | 8/30/2023 10:51:11 PM |

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

Qualifiers:

Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix

D Sample Diluted Due to MatrixH Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 2 of 8

Analytical Report Lab Order 2308E17

Date Reported: 9/12/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services **Project:** BMG Landfarm VZ Soil Samples 2308E17-003 Lab ID: Matrix: SOIL

Client Sample ID: Cell #3 VZ DS-1 Collection Date: 8/23/2023 10:53:00 AM Received Date: 8/25/2023 7:10:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 9.3 | mg/Kg | 1 | 9/1/2023 3:25:50 AM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 9/1/2023 3:25:50 AM |
| Surr: DNOP | 85.9 | 69-147 | %Rec | 1 | 9/1/2023 3:25:50 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 9/1/2023 5:13:02 PM |
| Surr: BFB | 99.3 | 15-244 | %Rec | 1 | 9/1/2023 5:13:02 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 0.024 | mg/Kg | 1 | 9/1/2023 5:13:02 PM |
| Toluene | ND | 0.048 | mg/Kg | 1 | 9/1/2023 5:13:02 PM |
| Ethylbenzene | ND | 0.048 | mg/Kg | 1 | 9/1/2023 5:13:02 PM |
| Xylenes, Total | ND | 0.095 | mg/Kg | 1 | 9/1/2023 5:13:02 PM |
| Surr: 4-Bromofluorobenzene | 110 | 39.1-146 | %Rec | 1 | 9/1/2023 5:13:02 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: SNS |
| Chloride | ND | 60 | mg/Kg | 20 | 8/30/2023 6:50:16 PM |

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

Qualifiers:

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

н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

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

RL Reporting Limit Page 3 of 8

Analytical Report Lab Order 2308E17

Date Reported: 9/12/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services **Project:** BMG Landfarm VZ Soil Samples 2308E17-004 Lab ID: Matrix: SOIL

Client Sample ID: Cell #4 VZ DS-1 Collection Date: 8/23/2023 11:28:00 AM Received Date: 8/25/2023 7:10:00 AM

| Analyses | Result | RL Qu | al Units | DF | Date Analyzed |
|-------------------------------------|--------|----------|----------|----|----------------------|
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS | | | | Analyst: DGH |
| Diesel Range Organics (DRO) | ND | 9.4 | mg/Kg | 1 | 9/1/2023 4:14:42 AM |
| Motor Oil Range Organics (MRO) | ND | 47 | mg/Kg | 1 | 9/1/2023 4:14:42 AM |
| Surr: DNOP | 141 | 69-147 | %Rec | 1 | 9/1/2023 4:14:42 AM |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | Analyst: JJP |
| Gasoline Range Organics (GRO) | ND | 4.7 | mg/Kg | 1 | 9/1/2023 5:36:47 PM |
| Surr: BFB | 97.0 | 15-244 | %Rec | 1 | 9/1/2023 5:36:47 PM |
| EPA METHOD 8021B: VOLATILES | | | | | Analyst: JJP |
| Benzene | ND | 0.023 | mg/Kg | 1 | 9/1/2023 5:36:47 PM |
| Toluene | ND | 0.047 | mg/Kg | 1 | 9/1/2023 5:36:47 PM |
| Ethylbenzene | ND | 0.047 | mg/Kg | 1 | 9/1/2023 5:36:47 PM |
| Xylenes, Total | ND | 0.094 | mg/Kg | 1 | 9/1/2023 5:36:47 PM |
| Surr: 4-Bromofluorobenzene | 108 | 39.1-146 | %Rec | 1 | 9/1/2023 5:36:47 PM |
| EPA METHOD 300.0: ANIONS | | | | | Analyst: SNS |
| Chloride | ND | 60 | mg/Kg | 20 | 8/30/2023 7:27:18 PM |

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

Qualifiers:

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

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

Page 4 of 8

| Hall Enviro | WO#: | 2308E17 12-Sep-23 | |
|---------------------|---|----------------------|--|
| Client: Project: | Animas Environmental Services BMG Landfarm VZ Soil Samples | | |

| Sample ID: | MB-77199 | SampType: MBLK | | | Tes | tCode: EF | | | | | | |
|---|---------------------------------------|---|---|--------------------------|------------------------------|--|---|--|-----------|----------|------|--|
| Client ID: | PBS | Batch ID: 77199 | | | RunNo: 99351 | | | | | | | |
| Prep Date: | 8/30/2023 | Analysis Date: 8/30/2023 | | | SeqNo: 3626420 | | | Units: mg/Kg | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Chloride | | ND | 1.5 | | | | | | | | | |
| Sample ID: | LCS-77199 | SampType: LCS | | | Tes | tCode: E | 6 | | | | | |
| Client ID: | LCSS | Batch ID: 77199 | | | F | RunNo: 9 9 | 9351 | | | | | |
| Prep Date: | 8/30/2023 | Analysis Date: 8/30/2023 | | | SeqNo: 3626421 | | | Units: mg/Kg | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Chloride | | 15 | 1.5 | 15.00 | 0 | 97.0 | 90 | 110 | | | | |
| | | | | | | | | | | | | |
| Sample ID: | MB-77219 | SampTyp | pe: mbli | (| Tes | tCode: E | PA Method | 300.0: Anions | 5 | | | |
| Sample ID: Client ID: | MB-77219 PBS | | pe: mbli ID: 7721 | | | stCode: Ef RunNo: 9 9 | | 300.0: Anions | 5 | | | |
| • | - | | ID: 7721 | 9 | F | | 9393 | 300.0: Anions Units: mg/K | | | | |
| Client ID: | PBS | Batch I Analysis Dat | ID: 7721 te: 8/3(| 9)/2023 | F | RunNo: 9 9 SeqNo: 3 0 | 9393 | | | RPDLimit | Qual | |
| Client ID: Prep Date: | PBS | Batch I Analysis Dat | ID: 7721 ite: 8/3(| 9)/2023 | F | RunNo: 9 9 SeqNo: 3 0 | 9393 626972 | Units: mg/K | g | RPDLimit | Qual | |
| Client ID: Prep Date: Analyte Chloride | PBS | Batch I Analysis Dat Result | ID: 7721 Ite: 8/30 PQL 1.5 | 9)/2023 | F SPK Ref Val | RunNo: 99 SeqNo: 30 %REC | 9393 626972 LowLimit | Units: mg/K | g %RPD | RPDLimit | Qual | |
| Client ID: Prep Date: Analyte Chloride | PBS 8/30/2023 | Batch I Analysis Dat Result ND SampTyp | ID: 7721 Ite: 8/30 PQL 1.5 | 9)/2023 SPK value | F SPK Ref Val Tes | RunNo: 99 SeqNo: 30 %REC | 9393 626972 LowLimit PA Method | Units: mg/K HighLimit | g %RPD | RPDLimit | Qual | |
| Client ID: Prep Date: Analyte Chloride Sample ID: | PBS 8/30/2023 LCS-77219 | Batch I Analysis Dat Result ND SampTyp | ID: 7721 te: 8/3(PQL 1.5 pe: Ics ID: 7721 | 9 D/2023 SPK value | F SPK Ref Val Tes F | RunNo: 99 SeqNo: 36 %REC stCode: Ef | 9393 626972 LowLimit PA Method 9393 | Units: mg/K HighLimit | g %RPD | RPDLimit | Qual | |
| Client ID: Prep Date: Analyte Chloride Sample ID: Client ID: | PBS 8/30/2023 LCS-77219 LCSS | Batch I Analysis Dat Result ND SampTyr Batch I Analysis Dat | ID: 7721 te: 8/3(PQL 1.5 pe: Ics ID: 7721 te: 8/3(| 9 D/2023 SPK value | F SPK Ref Val Tes F | RunNo: 99 SeqNo: 36 %REC stCode: EF RunNo: 99 SeqNo: 36 | 9393 626972 LowLimit PA Method 9393 | Units: mg/K HighLimit 300.0: Anions | g %RPD | RPDLimit | Qual | |

Qualifiers:

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

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Released to Imaging: 4/8/2025 1:00:45 PM

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| | Environmental Services Indfarm VZ Soil Samples | | | | | | | | |
|--------------------------------|---|--|--|--|--|--|--|--|--|
| Sample ID: LCS-77185 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
| Client ID: LCSS | Batch ID: 77185 | RunNo: 99380 | | | | | | | |
| Prep Date: 8/30/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627017 Units: mg/Kg | | | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | | | | | | | |
| Diesel Range Organics (DRO) | 61 10 50.00 | 0 121 61.9 130 | | | | | | | |
| Surr: DNOP | 6.6 5.000 | 131 69 147 | | | | | | | |
| Sample ID: MB-77185 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
| Client ID: PBS | Batch ID: 77185 | RunNo: 99380 | | | | | | | |
| Prep Date: 8/30/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627019 Units: mg/Kg | | | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | | | | | | | |
| Diesel Range Organics (DRO) | ND 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND 50 | | | | | | | | |
| Surr: DNOP | 13 10.00 | 126 69 147 | | | | | | | |
| Sample ID: LCS-77208 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
| Client ID: LCSS | Batch ID: 77208 | RunNo: 99380 | | | | | | | |
| Prep Date: 8/30/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627545 Units: %Rec | | | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | | | | | | | |
| Surr: DNOP | 5.9 5.000 | 119 69 147 | | | | | | | |
| Sample ID: MB-77208 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
| Client ID: PBS | Batch ID: 77208 | RunNo: 99380 | | | | | | | |
| Prep Date: 8/30/2023 | Analysis Date: 8/31/2023 | SeqNo: 3627556 Units: %Rec | | | | | | | |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual | | | | | | | |
| Surr: DNOP | 13 10.00 | 131 69 147 | | | | | | | |

Qualifiers:

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

Page 6 of 8

2308E17

12-Sep-23

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | | Environmen Indfarm VZ | | | | | | | | | | |
|---------------------|---|--------------------------|--|--------------|--|--------------|----------|--------------|------|----------|------|--|
| Sample ID: | lcs-77179 | s | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | | |
| Client ID: | LCSS Batch ID: 77179 | | | | RunNo: 99366 | | | | | | | |
| Prep Date: | 8/29/2023 | Analysis D | ate: 8/ : | 31/2023 | 5 | SeqNo: 36 | 627634 | Units: mg/Kg | I | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Rang | e Organics (GRO) | 23 | 5.0 | 25.00 | 0 | 93.6 | 70 | 130 | | | | |
| Surr: BFB | | 2000 | | 1000 | | 203 | 15 | 244 | | | | |
| Sample ID: | 2: Ics-77198 SampType: LCS | | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
| Client ID: | LCSS Batch ID: 77198 | | | RunNo: 99366 | | | | | | | | |
| Prep Date: | 8/30/2023 | Analysis D | ate: 9/ ′ | 1/2023 | S | SeqNo: 36 | 627635 | Units: %Rec | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Surr: BFB | | 1900 | | 1000 | | 193 | 15 | 244 | | | | |
| Sample ID: | mb-77198 | SampT | уре: МЕ | BLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
| Client ID: | PBS | Batch | ID: 771 | 198 | RunNo: 99366 | | | | | | | |
| Prep Date: | 8/30/2023 | Analysis D | ate: 9/ ' | 1/2023 | SeqNo: 3627636 | | | Units: %Rec | | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Surr: BFB | | 940 | | 1000 | | 93.9 | 15 | 244 | | | | |
| Sample ID: | D: mb-77179 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | | | | |
| Client ID: | PBS | Batch ID: 77179 | | | | RunNo: 99366 | | | | | | |
| Prep Date: | 8/29/2023 | Analysis D | ate: 8/3 | 31/2023 | SeqNo: 3627706 | | | Units: mg/Kg | I | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Gasoline Rang | | | | | | | | | | | | |

Qualifiers:

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

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2308E17

12-Sep-23
Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Animas Environmental Services

| Project: BMG L | andfarm VZ So | il Samples | | | | | | | |
|----------------------------|----------------|--------------|---------------------------------------|---------------------|----------|---------------|------|----------|------|
| Sample ID: LCS-77179 | SampType: | LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | |
| Client ID: LCSS | Batch ID: | 77179 | F | RunNo: 99366 | | | | | |
| Prep Date: 8/29/2023 | Analysis Date: | 8/31/2023 | S | SeqNo: 36 | 27739 | Units: mg/K | g | | |
| Analyte | Result PC | QL SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 0.0 | 025 1.000 | 0 | 108 | 70 | 130 | | | |
| Toluene | 1.1 0.0 | 050 1.000 | 0 | 108 | 70 | 130 | | | |
| Ethylbenzene | 1.1 0.0 | 050 1.000 | 0 | 111 | 70 | 130 | | | |
| Xylenes, Total | 3.3 0 | 0.10 3.000 | 0 | 112 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | 1.000 | | 110 | 39.1 | 146 | | | |
| Sample ID: LCS-77198 | SampType: | LCS | Tes | tCode: EF | A Method | 8021B: Volati | les | | |
| Client ID: LCSS | Batch ID: | 77198 | F | RunNo: 99366 | | | | | |
| Prep Date: 8/30/2023 | Analysis Date: | 9/1/2023 | S | SeqNo: 36 | 27740 | Units: %Rec | | | |
| Analyte | Result PC | QL SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 1.1 | 1.000 | | 106 | 39.1 | 146 | | | |
| Sample ID: mb-77198 | SampType: | MBLK | Tes | tCode: EF | A Method | 8021B: Volati | les | | |
| Client ID: PBS | Batch ID: | 77198 | F | RunNo: 9 9 | 366 | | | | |
| Prep Date: 8/30/2023 | Analysis Date: | 9/1/2023 | S | SeqNo: 36 | 27741 | Units: %Rec | | | |
| Analyte | Result PC | QL SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 1.1 | 1.000 | | 106 | 39.1 | 146 | | | |
| Sample ID: mb-77179 | SampType: | MBLK | Tes | tCode: EF | A Method | 8021B: Volati | les | | |
| Client ID: PBS | Batch ID: | 77179 | F | RunNo: 9 9 | 366 | | | | |
| Prep Date: 8/29/2023 | Analysis Date: | 8/31/2023 | S | SeqNo: 36 | 27742 | Units: mg/K | g | | |
| Analyte | Result PC | QL SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND 0.0 | 025 | | | | | | | |
| Toluene | ND 0.0 | 050 | | | | | | | |
| Ethylbenzene | ND 0.0 | 050 | | | | | | | |
| Xylenes, Total | ND 0 | 0.10 | | | | | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | 1.000 | | 107 | 39.1 | 146 | | | |

Qualifiers:

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

WO#: 2308E17

12-Sep-23

| ANALY | ONMENTAL Sis Atory | Hall Environmen Hall Environmen TEL: 505-345-39 Website: www | 4901 Albuquerqu 275 FAX: 5 | ' Hawkins NE 1e. NM 87109 505-345-4107 | Sa | mple Log-In | Check List |
|---|--|---|----------------------------------|--|---------|-----------------------------------|----------------------|
| Client Name: | Animas Environmental Services | Work Order Numb | er: 2308 | E17 | | RcptN | No: 1 |
| Received By: | Juan Rojas | 8/25/2023 7:10:00 A | M | 4 | Warreng | 7 | |
| Completed By: | Tracy Casarrubias | 8/25/2023 9:55:42 A | M | | | | |
| Reviewed By: | JA 8-25-23 | | | | | | |
| Chain of Cus | tody | | | | | | |
| 1. Is Chain of Cu | stody complete? | | Yes | \checkmark | No 🗌 | Not Present |] |
| 2. How was the | sample delivered? | | <u>Couri</u> | er | | | |
| Log In | | | | | | | |
| | pt made to cool the samp | les? | Yes | | No 🗌 | NA 🗌 |] |
| 4. Were all samp | les received at a tempera | ture of >0° C to 6.0°C | Yes | | No 🗌 | NA |] |
| 5. Sample(s) in p | proper container(s)? | | Yes | | No 🗌 | | |
| 6. Sufficient sam | ple volume for indicated te | est(s)? | Yes | \checkmark | No 🗌 | | |
| 7. Are samples (| except VOA and ONG) pro | operly preserved? | Yes | \checkmark | No 🗌 | | |
| 8. Was preservat | ive added to bottles? | | Yes | | No 🗹 | NA 🗌 | |
| 9. Received at le | ast 1 vial with headspace | <1/4" for AQ VOA? | Yes | | No 🗌 | NA 🗹 |] |
| 10. Were any sam | ple containers received b | roken? | Yes | | No 🗹 | # of preserved | 1 |
| | rk match bottle labels? ncies on chain of custody |) | Yes | \checkmark | No 🗌 | bottles checked for pH: (<2 | or >12 unless noted) |
| 12. Are matrices c | orrectly identified on Chai | n of Custody? | Yes | \checkmark | No 🗌 | Adjusted? | I (|
| 13. Is it clear what | analyses were requested | ? | Yes | \checkmark | No 🗌 | | NM 8/25/2 |
| | ng times able to be met? Istomer for authorization.) | | Yes | | No 🗌 | Checked by. | |
| Special Handl | ing (if applicable) | | | | | | |
| 15. Was client no | tified of all discrepancies v | with this order? | Yes | | No 🗌 | NA 🗹 |] |
| Person | Notified: | Date: | [| | | | |
| By Who | m: | Via: | 🗌 eMa | il 🗌 Phon | e 🗌 Fax | 🕻 📋 In Person | |
| Regardi | - Contract Sector Contract Sector Sec | | | | | | |
| Client Ir | structions: | | | a long to a she | | | |
| 16. Additional rer | narks: | | | | | | |
| 17. <u>Cooler Infor</u> Cooler No 1 | mation Temp ⁰C Condition 3.8 Good | Seal Intact Seal No Yes Yogi | Seal Da | ite Sig | ned By | | |

•

Released to Imaging: 4/8/2025 1:00:45 PM

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| C | Chain-of-Custody Record | | | Turn-Around Time: | | | | | | | | - | | TDO | | | | |
|---------|-------------------------|-------------|-----------------------------|-------------------------|-----------------------|---------------------------|-----------------------|--------------------------------|------------|----------|--------|--------|------|----------------|-----|-----------|----|----|
| Client: | | Animas E | nvironmental Services | Standard | 🗆 Rus | h . | | - | | - | | _ | | IRC | | | | |
| | | | | Project Name: | | | | | | | | | | LAI tal.com | | KA | 10 | RT |
| Mailing | Addres | s: | P.O. Box 8 | BMG L | andfarm - V2 | z soil samples | | ⊿0 | 01 F | lawkins | | | | | | a | | |
| | Fai | rmington, | NM 87499-0008 | Project #: | | | - | | | | | | | | | , | | |
| Phone | | 720-537 | | - | AES 040 | 305 | | 1 | ei. 50 |)5-345-3 | 11.2 | alysis | | -345-4 | 107 | | | |
| email c | or Fax#: | atodd@a | animasenvironmental.com | Project Manage | | | | | | | | | Ince | uest | | | | |
| | Package: | | □ Level 4 (Full Validation) | Angela Todd | | | | | 300.0 | | | | | | | | | |
| Accred | itation: | 🗆 Az Co | mpliance | Sampler: | | | | /ia El | d 30 | | | | | | | | | |
| | AC | Other | · | On Ice: Yes INo | | | | l ố | tho | | | | | | | | | |
| |) (Type) | ······ | 1 | # of Coolers: | 1 | Yogi | tho | MO | via Method | | | | | | | | | |
| | | | | Cooler Temp(inclu | ding CF): 3 | 8-0=3.8 | _ ¥ | N N | s via | | | | | | | | | |
| Date | Time | Matrix | Sample Name | Container Type and # | Preservativ e Type | HEAL No. 2308E17 | BTEX via Method 8021B | TPH GRO/DRO/MRO via EPA8015M/D | Chlorides | | | | | | | | | |
| 8-23-22 | 9:51 | Soil | Cell #1 VZ DS-1 | 1 - 4 oz jar | Cool | 001 | X | X | Х | | | | | | | | | |
| 8-23-23 | 10:21 | Soil | Cell #2 VZ DS-1 | 1 - 4 oz jar | Cool | 002 | X | X | Х | | | | | | | | | |
| 8-23-23 | 10:53 | Soil | Cell #3 VZ DS-1 | 1 - 4 oz jar | Cool | 003 | X | X | Х | | | | | | | | | |
| 8-73-23 | /1:28 | Soil | Cell #4 VZ DS-1 | 1 - 4 oz jar | Cool | 004 | <u> </u> | X | Х | <u> </u> | | | | | | \square | _ | |
| | | | | | | | | | | | | _ | | | | | | |
| | | | | | | | _ | | | | | | | | | | | |
| | | | | | | | | | | | | _ | | | _ | | + | + |
| Date: | Time: | Relinquishe | ~ fr- | | ia: Liter | Date Time 8 24 18 1355 | | nark | | ect-bil | l this | proj | ecti | to BM | G. | | | |
| Date: | Times | Relinquishe | ed by: | 121 | ia: ourser 8 | Date Time | 1 | | | | | | | | | | | |

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



Environment Testing

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

December 29, 2023

Angela Todd Animas Environmental Services 624 E. Comanche Farmington, NM 87401 TEL: (505) 564-2281 FAX: (505) 324-2022

RE: BMG Landfarm

OrderNo.: 2312023

Dear Angela Todd:

Eurofins Environment Testing South Central, LLC received 5 sample(s) on 12/1/2023 for the analyses presented in the following report.

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

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2312023

Date Reported: 12/29/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental ServicesClient Sample ID: MW-1Project: BMG LandfarmCollection Date: 11/29/2023 12:31:00 PMLab ID: 2312023-001Matrix: GROUNDWAReceived Date: 12/1/2023 7:26:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|-------------------------------------|--------|----------|------|-------|----|-----------------------|---------|
| EPA METHOD 300.0: ANIONS | | | | | | Analysi | : JTT |
| Chloride | 55 | 2.5 | | mg/L | 5 | 12/1/2023 7:40:23 PM | R101547 |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst | : KS |
| Total Dissolved Solids | 740 | 250 | *D | mg/L | 1 | 12/7/2023 4:14:00 PM | 79174 |
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | | Analyst | : DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | | mg/L | 1 | 12/4/2023 10:02:53 PM | 79115 |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | mg/L | 1 | 12/4/2023 10:02:53 PM | 79115 |
| Surr: DNOP | 139 | 54.5-177 | | %Rec | 1 | 12/4/2023 10:02:53 PM | 79115 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst | RAA |
| Gasoline Range Organics (GRO) | ND | 0.050 | | mg/L | 1 | 12/4/2023 5:07:00 PM | GW1015 |
| Surr: BFB | 96.8 | 15-270 | | %Rec | 1 | 12/4/2023 5:07:00 PM | GW1015 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 12/4/2023 5:07:00 PM | R101579 |
| Toluene | ND | 1.0 | | µg/L | 1 | 12/4/2023 5:07:00 PM | R101579 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 12/4/2023 5:07:00 PM | R101579 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 12/4/2023 5:07:00 PM | R101579 |
| Surr: 4-Bromofluorobenzene | 95.9 | 52.4-148 | | %Rec | 1 | 12/4/2023 5:07:00 PM | R101579 |

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

Qualifiers:

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

KL Re

Page 1 of 11

Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312023

Date Reported: 12/29/2023

| CLIENT: | Animas Environmental Services | (| Client Sample ID: MW-2 |
|----------|-------------------------------|------------------|--|
| Project: | BMG Landfarm | | Collection Date: 11/29/2023 1:43:00 PM |
| Lab ID: | 2312023-002 | Matrix: GROUNDWA | Received Date: 12/1/2023 7:26:00 AM |

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|-------------------------------------|--------|----------|------|-------|----|-----------------------|---------|
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | : JTT |
| Chloride | 150 | 10 | | mg/L | 20 | 12/1/2023 8:18:59 PM | R101547 |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst | : KS |
| Total Dissolved Solids | 704 | 100 | *D | mg/L | 1 | 12/7/2023 4:14:00 PM | 79174 |
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | | Analyst | : DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | | mg/L | 1 | 12/4/2023 10:26:23 PM | 79115 |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | mg/L | 1 | 12/4/2023 10:26:23 PM | 79115 |
| Surr: DNOP | 139 | 54.5-177 | | %Rec | 1 | 12/4/2023 10:26:23 PM | 79115 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst | RAA |
| Gasoline Range Organics (GRO) | ND | 0.050 | | mg/L | 1 | 12/4/2023 6:12:00 PM | GW1015 |
| Surr: BFB | 99.6 | 15-270 | | %Rec | 1 | 12/4/2023 6:12:00 PM | GW1015 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 12/4/2023 6:12:00 PM | R101579 |
| Toluene | ND | 1.0 | | µg/L | 1 | 12/4/2023 6:12:00 PM | R101579 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 12/4/2023 6:12:00 PM | R101579 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 12/4/2023 6:12:00 PM | R101579 |
| Surr: 4-Bromofluorobenzene | 96.6 | 52.4-148 | | %Rec | 1 | 12/4/2023 6:12:00 PM | R101579 |

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

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312023

Date Reported: 12/29/2023

| CLIENT: | Animas Environmental Services | (| Client Sample ID: MW-3 |
|----------|-------------------------------|------------------|--|
| Project: | BMG Landfarm | | Collection Date: 11/29/2023 1:17:00 PM |
| Lab ID: | 2312023-003 | Matrix: GROUNDWA | Received Date: 12/1/2023 7:26:00 AM |

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|-------------------------------------|--------|----------|------|-------|----|------------------------|-----------|
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | JTT |
| Chloride | 410 | 25 | * | mg/L | 50 | 12/15/2023 10:52:39 AN | I R101873 |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst | KS |
| Total Dissolved Solids | 1240 | 250 | *D | mg/L | 1 | 12/7/2023 4:14:00 PM | 79174 |
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | | Analyst | DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | | mg/L | 1 | 12/4/2023 10:49:52 PM | 79115 |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | mg/L | 1 | 12/4/2023 10:49:52 PM | 79115 |
| Surr: DNOP | 139 | 54.5-177 | | %Rec | 1 | 12/4/2023 10:49:52 PM | 79115 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst | RAA |
| Gasoline Range Organics (GRO) | ND | 0.050 | | mg/L | 1 | 12/4/2023 6:55:00 PM | GW1015 |
| Surr: BFB | 107 | 15-270 | | %Rec | 1 | 12/4/2023 6:55:00 PM | GW1015 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 12/4/2023 6:55:00 PM | R101579 |
| Toluene | ND | 1.0 | | µg/L | 1 | 12/4/2023 6:55:00 PM | R101579 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 12/4/2023 6:55:00 PM | R101579 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 12/4/2023 6:55:00 PM | R101579 |
| Surr: 4-Bromofluorobenzene | 98.4 | 52.4-148 | | %Rec | 1 | 12/4/2023 6:55:00 PM | R101579 |

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

Qualifiers:

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

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Hall Environmental Analysis Laboratory, Inc.

Lab Order 2312023

Date Reported: 12/29/2023

| CLIENT: | Animas Environmental Services | | Client Sample ID: MW-4 |
|----------|-------------------------------|------------------|--|
| Project: | BMG Landfarm | | Collection Date: 11/29/2023 12:59:00 PM |
| Lab ID: | 2312023-004 | Matrix: GROUNDWA | Received Date: 12/1/2023 7:26:00 AM |

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|-------------------------------------|--------|----------|------|-------|----|-----------------------|---------|
| EPA METHOD 300.0: ANIONS | | | | | | Analyst | JTT |
| Chloride | 110 | 10 | | mg/L | 20 | 12/1/2023 9:36:12 PM | R101547 |
| SM2540C MOD: TOTAL DISSOLVED SOLIDS | | | | | | Analyst | KS |
| Total Dissolved Solids | 723 | 50.0 | * | mg/L | 1 | 12/7/2023 4:14:00 PM | 79174 |
| EPA METHOD 8015M/D: DIESEL RANGE | | | | | | Analyst | DGH |
| Diesel Range Organics (DRO) | ND | 1.0 | | mg/L | 1 | 12/4/2023 11:13:19 PM | 79115 |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | mg/L | 1 | 12/4/2023 11:13:19 PM | 79115 |
| Surr: DNOP | 133 | 54.5-177 | | %Rec | 1 | 12/4/2023 11:13:19 PM | 79115 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | Analyst | RAA |
| Gasoline Range Organics (GRO) | ND | 0.050 | | mg/L | 1 | 12/4/2023 7:17:00 PM | GW1015 |
| Surr: BFB | 99.4 | 15-270 | | %Rec | 1 | 12/4/2023 7:17:00 PM | GW1015 |
| EPA METHOD 8021B: VOLATILES | | | | | | Analyst | RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 12/4/2023 7:17:00 PM | R101579 |
| Toluene | ND | 1.0 | | µg/L | 1 | 12/4/2023 7:17:00 PM | R101579 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 12/4/2023 7:17:00 PM | R101579 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 12/4/2023 7:17:00 PM | R101579 |
| Surr: 4-Bromofluorobenzene | 96.8 | 52.4-148 | | %Rec | 1 | 12/4/2023 7:17:00 PM | R101579 |

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

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

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 2312023

Date Reported: 12/29/2023

| CLIENT: Animas Environmental ServicesProject:BMG LandfarmLab ID:2312023-005 | Matrix: TRIP BL | (| lient Sample II Collection Dat Received Dat | e: | ip Blank /1/2023 7:26:00 AM | |
|---|-----------------|-----|---|----|--------------------------------|---------|
| Analyses | Result | RL | Qual Units | DF | Date Analyzed | Batch |
| EPA METHOD 8021B: VOLATILES | | | | | Analysi | RAA |
| Benzene | ND | 1.0 | µg/L | 1 | 12/4/2023 7:38:00 PM | R101579 |
| Toluene | ND | 1.0 | μg/L | 1 | 12/4/2023 7:38:00 PM | R101579 |
| Ethylbenzene | ND | 1.0 | μg/L | 1 | 12/4/2023 7:38:00 PM | R101579 |
| Valence Tetel | | | | 1 | 12/4/2023 7:38:00 PM | |
| Xylenes, Total | ND | 2.0 | µg/L | 1 | 12/4/2023 7.30.00 FIVI | R101579 |

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

| Qualifiers: | * | Value exceeds Maximum Contaminant Level. |
|-------------|---|--|
|-------------|---|--|

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

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QC SUMMARY REPORT Η _

| · · | nmental Analysis Laboratory | , Inc. | WO#: | 2312023 29-Dec-23 |
|---------------------|---|------------------------------------|------|----------------------|
| Client: Project: | Animas Environmental Services BMG Landfarm | | | |
| Sample ID: MB | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | |
| Client ID: PBW | Batch ID: R101547 | RunNo: 101547 | | |
| Prep Date: | Analysis Date: 12/1/2023 | SeqNo: 3738674 Units: mg/L | | |

| Analyte | Result PQL SPK value SF | PK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
|-----------------|---------------------------|---|
| Chloride | ND 0.50 | |
| Sample ID: LCS | SampType: LCS | TestCode: EPA Method 300.0: Anions |
| Client ID: LCSW | Batch ID: R101547 | RunNo: 101547 |
| Prep Date: | Analysis Date: 12/1/2023 | SeqNo: 3738675 Units: mg/L |
| Analyte | Result PQL SPK value SF | PK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride | 4.8 0.50 5.000 | 0 95.3 90 110 |
| Sample ID: MB | SampType: MBLK | TestCode: EPA Method 300.0: Anions |
| Client ID: PBW | Batch ID: R101873 | RunNo: 101873 |
| Prep Date: | Analysis Date: 12/15/2023 | SeqNo: 3756389 Units: mg/L |
| Analyte | Result PQL SPK value SF | PK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride | ND 0.50 | |
| Sample ID: LCS | SampType: LCS | TestCode: EPA Method 300.0: Anions |
| Client ID: LCSW | Batch ID: R101873 | RunNo: 101873 |
| Prep Date: | Analysis Date: 12/15/2023 | SeqNo: 3756390 Units: mg/L |
| Analyte | Result PQL SPK value SF | PK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride | 4.9 0.50 5.000 | 0 97.2 90 110 |
| Sample ID: MB | SampType: MBLK | TestCode: EPA Method 300.0: Anions |
| Client ID: PBW | Batch ID: R101873 | RunNo: 101873 |
| Prep Date: | Analysis Date: 12/15/2023 | SeqNo: 3756424 Units: mg/L |
| Analyte | Result PQL SPK value SF | PK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride | ND 0.50 | |
| Sample ID: LCS | SampType: LCS | TestCode: EPA Method 300.0: Anions |
| Client ID: LCSW | Batch ID: R101873 | RunNo: 101873 |
| Prep Date: | Analysis Date: 12/15/2023 | SeqNo: 3756425 Units: mg/L |
| Analyte | Result PQL SPK value SF | PK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride | 4.8 0.50 5.000 | 0 96.7 90 110 |

Qualifiers:

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

| Client: Project: | | Animas Environme BMG Landfarm | ental Se | rvices | | | | | | | |
|---------------------|------|----------------------------------|-----------------|-----------|-------------|-----------------|-----------|---------------|------|----------|------|
| Sample ID: | МВ | Samp | Гуре: МЕ | BLK | Tes | tCode: E | PA Method | 300.0: Anions | | | |
| Client ID: | PBW | Batc | h ID: R1 | 01873 | F | RunNo: 1 | 01873 | | | | |
| Prep Date: | | Analysis I | Date: 12 | 2/15/2023 | S | SeqNo: 3 | 756452 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | ND | 0.50 | | | | | | | | |
| Sample ID: | LCS | Samp | Гуре: LC | S | Tes | tCode: El | PA Method | 300.0: Anions | | | |
| Client ID: | LCSW | Batc | h ID: R1 | 01873 | F | RunNo: 1 | 01873 | | | | |
| Prep Date: | | Analysis I | Date: 12 | 2/15/2023 | S | SeqNo: 3 | 756453 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | | 4.9 | 0.50 | 5.000 | 0 | 97.5 | 90 | 110 | | | |

Qualifiers:

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

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2312023

29-Dec-23

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client:AnimasProject:BMG La | Environmenta ndfarm | l Services | | | | | | | |
|--------------------------------|------------------------|--------------|---------------|------------------|----------|--------------------|-----------|----------|------|
| Sample ID: MB-79115 | SampType | BLK | Tes | tCode: EP | A Method | 8015M/D: Dies | sel Range | | |
| Client ID: PBW | Batch ID: | 79115 | F | RunNo: 10 | 1583 | | - | | |
| Prep Date: 12/4/2023 | Analysis Date: | 12/4/2023 | | SeqNo: 37 | 40844 | Units: mg/L | | | |
| Analyte | Result P | QL SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 1.0 | or renter var | JUILEO | LOWEIIII | riigiiEiriit | | | Quui |
| Motor Oil Range Organics (MRO) | ND | 5.0 | | | | | | | |
| Surr: DNOP | 0.67 | 0.5000 | | 134 | 54.5 | 177 | | | |
| Sample ID: LCS-79115 | SampType | : LCS | Tes | tCode: EP | A Method | 8015M/D: Dies | sel Range | | |
| Client ID: LCSW | Batch ID: | 79115 | F | RunNo: 10 | 1583 | | | | |
| Prep Date: 12/4/2023 | Analysis Date: | 12/4/2023 | \$ | SeqNo: 37 | 40845 | Units: mg/L | | | |
| Analyte | Result P | QL SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 3.3 | 1.0 2.500 | 0 | 132 | 57 | 147 | | | |
| Surr: DNOP | 0.32 | 0.2500 | | 130 | 54.5 | 177 | | | |
| Sample ID: 2312023-004BMS | SampType | MS | Tes | tCode: EP | A Method | 8015M/D: Dies | sel Range | | |
| Client ID: MW-4 | Batch ID: | 79115 | F | RunNo: 10 | 1583 | | | | |
| Prep Date: 12/4/2023 | Analysis Date: | 12/4/2023 | \$ | SeqNo: 37 | 40860 | Units: mg/L | | | |
| Analyte | Result P | QL SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 3.4 | 1.0 2.500 | 0 | 137 | 47.3 | 147 | | | |
| Surr: DNOP | 0.33 | 0.2500 | | 133 | 54.5 | 177 | | | |
| Sample ID: 2312023-004BMS | D SampType | MSD | Tes | tCode: EP | A Method | 8015M/D: Dies | sel Range | | |
| Client ID: MW-4 | Batch ID: | 79115 | F | RunNo: 10 | 1583 | | | | |
| Prep Date: 12/4/2023 | Analysis Date: | 12/5/2023 | \$ | SeqNo: 37 | 40861 | Units: mg/L | | | |
| Analyte | Result P | QL SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 3.5 | 1.0 2.500 | 0 | 142 | 47.3 | 147 | 3.24 | 20 | |
| Surr: DNOP | 0.34 | 0.2500 | | 135 | 54.5 | 177 | 0 | 0 | |

Qualifiers:

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

2312023

29-Dec-23

WO#:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | Animas E BMG Lan | | ental Ser | rvices | | | | | | | |
|---------------------|---------------------|------------|-----------------|-----------|-------------|-----------|-----------|---------------|-----------|----------|------|
| Sample ID: | 2.5ug gro lcs | SampT | Гуре: LC | S | Tes | tCode: El | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: | LCSW | Batch | h ID: GV | V101579 | F | RunNo: 10 | 01579 | | | | |
| Prep Date: | | Analysis D | Date: 12 | 2/4/2023 | S | SeqNo: 37 | 741429 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 0.46 | 0.050 | 0.5000 | 0 | 91.2 | 70 | 130 | | | |
| Surr: BFB | | 43 | | 20.00 | | 217 | 15 | 270 | | | |
| Sample ID: | mb | SampT | Гуре: МЕ | BLK | Tes | tCode: Ef | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: | PBW | Batch | h ID: GV | V101579 | F | RunNo: 10 | 01579 | | | | |
| Prep Date: | | Analysis D | Date: 12 | 2/4/2023 | S | SeqNo: 3 | 741432 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | ND | 0.050 | | | | | | | | |
| Surr: BFB | | 21 | | 20.00 | | 106 | 15 | 270 | | | |
| Sample ID: | 2312023-001ams | SampT | Гуре: МS | 6 | Tes | tCode: EF | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: | MW-1 | Batch | h ID: GV | V101579 | F | RunNo: 10 | 01579 | | | | |
| Prep Date: | | Analysis E | Date: 12 | 2/4/2023 | Ş | SeqNo: 37 | 741435 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 0.44 | 0.050 | 0.5000 | 0 | 87.7 | 41.2 | 148 | | | |
| Surr: BFB | | 44 | | 20.00 | | 218 | 15 | 270 | | | |
| Sample ID: | 2312023-001amsd | SampT | Гуре: МS | SD. | Tes | tCode: Ef | PA Method | 8015D: Gasoli | ine Range | | |
| Client ID: | MW-1 | Batch | h ID: GV | V101579 | F | RunNo: 10 | 01579 | | | | |
| Prep Date: | | Analysis D | Date: 12 | 2/4/2023 | S | SeqNo: 37 | 741437 | Units: mg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Rang | e Organics (GRO) | 0.44 | 0.050 | 0.5000 | 0 | 88.5 | 41.2 | 148 | 0.908 | 20 | |
| Surr: BFB | | 44 | | 20.00 | | 220 | 15 | 270 | 0 | 0 | |

Qualifiers:

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

.

WO#: **2312023**

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| 2012020 |
|-------------|
| 29-Dec-23 |

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| Client: Project: | Animas I BMG La | Environme ndfarm | ental Ser | rvices | | | | | | | |
|-----------------------|--------------------|---------------------|-----------------|-----------|-------------|------------------|-----------|---------------|------|----------|------|
| Sample ID: 100ng | btex lcs | Samp | Гуре: LC | s | Tes | tCode: EF | PA Method | 8021B: Volati | es | | |
| Client ID: LCSW | | Batcl | h ID: R1 | 01579 | F | RunNo: 1(| 01579 | | | | |
| Prep Date: | | Analysis E | Date: 12 | /4/2023 | 5 | SeqNo: 37 | 741668 | Units: µg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | 21 | 1.0 | 20.00 | 0 | 106 | 70 | 130 | | | |
| Toluene | | 21 | 1.0 | 20.00 | 0 | 106 | 70 | 130 | | | |
| Ethylbenzene | | 22 | 1.0 | 20.00 | 0 | 108 | 70 | 130 | | | |
| Xylenes, Total | | 65 | 2.0 | 60.00 | 0 | 109 | 70 | 130 | | | |
| Surr: 4-Bromofluorobe | enzene | 21 | | 20.00 | | 104 | 52.4 | 148 | | | |
| Sample ID: mb | | Samp | Гуре: МВ | LK | Tes | tCode: EF | PA Method | 8021B: Volati | es | | |
| Client ID: PBW | | Batcl | h ID: R1 | 01579 | F | RunNo: 1(| 01579 | | | | |
| Prep Date: | | Analysis [| Date: 12 | /4/2023 | S | SeqNo: 37 | 741669 | Units: µg/L | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | | ND | 1.0 | | | | | | | | |
| Toluene | | ND | 1.0 | | | | | | | | |
| Ethylbenzene | | ND | 1.0 | | | | | | | | |
| Xylenes, Total | | ND | 2.0 | | | | | | | | |
| Surr: 4-Bromofluorobe | enzene | 21 | | 20.00 | | 103 | 52.4 | 148 | | | |

Qualifiers:

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

RL Reporting Limit

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2312023

29-Dec-23

WO#:

| | mas Environmental Services G Landfarm | |
|------------------------|--|--|
| Sample ID: MB-79174 | SampType: MBLK | TestCode: SM2540C MOD: Total Dissolved Solids |
| Client ID: PBW | Batch ID: 79174 | RunNo: 101684 |
| Prep Date: 12/6/2023 | Analysis Date: 12/7/2023 | SeqNo: 3745622 Units: mg/L |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Total Dissolved Solids | ND 50.0 | |
| Sample ID: LCS-79174 | SampType: LCS | TestCode: SM2540C MOD: Total Dissolved Solids |
| Client ID: LCSW | Batch ID: 79174 | RunNo: 101684 |
| Prep Date: 12/6/2023 | Analysis Date: 12/7/2023 | SeqNo: 3745623 Units: mg/L |
| Analyte | Result PQL SPK value | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Total Dissolved Solids | 1070 50.0 1000 | 0 107 80 120 |

Qualifiers:

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

Page 11 of 11

2312023

29-Dec-23

WO#:

| 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | eurofi | 1 | nvironment | Testin TEI | L: 505-345-3 | vironment Testin Centi 4901 Haw Albuquerque, NA 975 FAX: 505-34 v.hallenvironmen | ral, LLC kins NE Sar 487109 45-4107 | nple Log-In C | heck List |
|---|-----------------------------|-----------------|---------------------------------|------------------|-----------------|---|---|----------------------------|------------------|
| Clie | ent Name: | Animas E | nvironmental | Work | Order Num | ber: 2312023 | · · · · · · · · · · · · · · · · · · · | RcptNo | 1 |
| Rec | eived By: | Cheyenn | e Cason | 12/1/202 | 23 7:26:00 | AM | Chent Chent | | |
| Cor | npleted By: | Cheyenn | e Cason | 12/1/202 | 23 9:55:33 | AM | Chent | | |
| Rev | viewed By: | 711 | 2/1/25 | 3 | | | | | |
| <u>Cha</u> | ain of Cus | tody | | | | | | | |
| 1. I | s Chain of C | ustody com | plete? | | | Yes 🗹 | No 🗌 | Not Present | |
| 2. ł | low was the | sample deli | ivered? | | | Client | | | |
| | g In Vas an atten | npt made to | cool the sam | ples? | | Yes 🗹 | No 🗌 | na 🗌 | |
| 4. v | Vere all sam | ples receive | d at a temper | ature of >0° C t | o 6.0°C | Yes 🗹 | No 🗌 | NA 🗆 | |
| 5. s | Sample(s) in | proper cont | ainer(s)? | | | Yes 🗹 | No 🗌 | | |
| 6. s | ufficient sam | nple volume | for indicated | test(s)? | | Yes 🗹 | No 🗌 | | |
| 7. A | re samples (| (except VOA | and ONG) p | roperly preserve | ed? | Yes 🗹 | No 🗌 | | |
| 8. V | Vas preserva | tive added t | to bottles? | | | Yes 🗌 | No 🗹 | NA 🗌 | |
| 9. R | leceived at le | east 1 vial w | ith headspace | e <1/4" for AQ V | OA? | Yes 🗹 | No 🗌 | | |
| 10. V | Vere any sai | mple contair | ners received | broken? | | Yes | No 🗹 | # of preserved | |
| | oes paperwo | | ottle labels? hain of custod | V) | | Yes 🗹 | No 🗌 | bottles checked for pH: | 12 unless noted) |
| | | | | in of Custody? | | Yes 🗹 | No 🗌 | Adjusted? | · · · |
| | | | were requeste | - | | Yes 🗹 | No 🗌 | | A |
| | | - | le to be met? | | | Yes 🗹 | No 🗌 | Checked by: | 11. 12-1-23 |
| (1 | f no, notify c | ustomer for | authorization. | .) | | | | | / |
| Spe | cial Hand | ling (if ap | plicable) | | | | | - | |
| 15.\ | Nas client no | otified of all | discrepancies | with this order? | , | Yes 🗌 | No 🗌 | NA 🗹 | _ |
| | Person | Notified: | J | | Date | : [| | | |
| | By Wh | om: | J | | Via: | eMail |] Phone 🗌 Fax | In Person | |
| | Regard | - | | | | | | | |
| | | nstructions: | | | | | | | |
| 16. | Additional re | emarks: | | | | | | | |
| 17. | Cooler Info | 8 | 0 0 0 - 111 | Castleter | 0 | 0 | Olar - J D. | | |
| | Cooler No 1 | 5 Temp % 4.9 | C Condition Good | Not Present | Seal No Yoqi | Seal Date | Signed By | | |
| | 2 | 0.5 | Good | Not Present | 1 | | | | |

Page 124 of 135

| Received W.G | 92:36:29 | Receive M. 2002 36 Custody Mecord | Turn-Around Time: | | | | | 2 | Page 125 of 135 |
|------------------------------|------------------|---|---|---------------------------|----------------------------------|-----------------|---------------|-----------------|---|
| Client: | Animas E | Animas Environmental Services | X Standard | C Rush | | | | | ANALYSIS LABORATORY |
| | | | Project Name: | | | | | 3 | www.hallenvironmental.com |
| Mailing Address: | ess: | P.O. Box 8 | | BMG Landfarm | E | • | 4901 F | 4901 Hawkins NE | s NE - Albuquerque, NM 87109 |
| | Farmington, | Farmington, NM 87499-0008 | Project #: | | | | Tel. 5(| 05-345 | Tel. 505-345-3975 Fax 505-345-4107 |
| Phone #: | 720-537-6650 | 7-6650 | | AES 040605 | 5 | | | | Analysis Request |
| Email or Fax#: | | atodd@animasenvironmental.com | Project Manager: | | | u/ | | 0 | |
| QA/QC Package: X Standard | ige: | Level 4 (Full Validation) | | Angela Todd | σ | ۲ <u>۲</u> | | SW25400 | |
| Accreditation: | | Az Compliance | Sampler: | 25/22 | | | | biv 2 | |
| | | | On Ice: | M Yes | D No Yoa: | | | pilo | |
| EDD (Type) | | | # of Coolers: 2 | +8.4 - | +0.1=0.1 | | | S bə | |
| | | | Cooler Temp(Including CF): | 19 CF): 0.4 40.1 | 2.1 20.5 | | - | NIOS | |
| Date Time | e Matrix | k Sample Name | Container Type and # | Preservativ e Type | HEAL No. | BTEX | Chlorid | siO letoT | |
| 11-29-23 | l GW | 1- MM | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 2-None cool | lac | × | × | × | |
| 1343 | I3 GW | MW-2 | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 2-None cool | 200 | × | × × | × | |
| 1317 | 7 GW | MW-3 | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 2-None cool | 003 | × | × × | × | |
| 521 × | 54 GW | MW-4 | (5) 40 mL glass (1) 250 mL amber glass (1) 250 mL plastic | 5-HgCl2 2-None cool | ce 4 | × | × | × | |
| | 3 | Trip Blank | (2) 40 mL glass | cool | 500 | × | | | |
| Date: Time: 102/23/U39 | 5 | hed by: | 7 | Cro | \$2. | Remarks: Ple | rks: Plea: | se dir | rks: Please direct-bill this project to BMG. |
| Date! Time: U | Relinqu | ished by: | Refered by: Via: | 121 | late lime | * P2 | 5 | anole | Per Sample Baltues - come 12/1123 |
| | ecessary, sample | es submitted to Hall Environmental may be | e subcontracted to other ac | ocredited laboratori | ss. This serves as notice of thi | s possibi | lity. Any | sub-cont | If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. |

Released to Imaging: 4/8/2025 1:00:45 PM

•



Environment Testing

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

December 11, 2023

Angela Todd Animas Environmental Services 624 E. Comanche Farmington, NM 87401 TEL: (505) 564-2281 FAX: (505) 324-2022

RE: BMG Landfarm VZ Soil Samples

OrderNo.: 2312038

Dear Angela Todd:

Eurofins Environment Testing South Central, LLC received 4 sample(s) on 12/1/2023 for the analyses presented in the following report.

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

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

| Hall E | nvironmental Analy | vsis Laboratory, I | nc. | | | Lab Order 2312038 Date Reported: 12/11/2 | 023 | |
|----------|---------------------------|--------------------|--|-------------|----------------------|---|----------------|--|
| CLIENT | : Animas Environmental Se | rvices | Clien | t Sample II |): Ce | ell #1 VZ DS-1 | | |
| Project: | BMG Landfarm VZ Soil S | Col | lection Date | e: 11 | /29/2023 10:44:00 AN | 1 | | |
| Lab ID: | 2312038-001 | Matrix: SOIL | Matrix: SOIL Received Date: 12/1/2023 7:26:00 AM | | | | | |
| Analyses | 5 | Result | RL Q | ual Units | DF | Date Analyzed | Batch | |
| EPA ME | THOD 8015M/D: DIESEL R | ANGE ORGANICS | | | | Analyst | DGH | |
| Diesel R | ange Organics (DRO) | ND | 9.5 | mg/Kg | 1 | 12/6/2023 1:08:06 PM | 79166 | |
| Motor O | il Range Organics (MRO) | ND | 48 | mg/Kg | 1 | 12/6/2023 1:08:06 PM | | |
| | | | 10 | ing/itg | | | 79166 | |
| Surr: | DNOP | 79.6 | 69-147 | %Rec | 1 | 12/6/2023 1:08:06 PM | 79166 79166 | |
| | , | | | 0 0 | - | 12/6/2023 1:08:06 PM Analyst | 79166 | |
| EPA ME | DNOP | | | 0 0 | - | | 79166 | |

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

Qualifiers:

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

| Hall Er | nvironmental Analys | sis Laboratory, II | nc. | | | Lab Order 2312038 Date Reported: 12/11/2 | 023 |
|-----------|---------------------------|--------------------|----------------|--------------|----------------------|---|-------|
| CLIENT: | Animas Environmental Serv | vices | Clie | nt Sample II |): Ce | ll #2 VZ DS-1 | |
| Project: | BMG Landfarm VZ Soil Sat | Co | ollection Date | e: 11 | /29/2023 11:00:00 AM | 1 | |
| Lab ID: | 2312038-002 | Matrix: SOIL | R | leceived Dat | e: 12 | /1/2023 7:26:00 AM | |
| Analyses | | Result | RL (| Qual Units | DF | Date Analyzed | Batch |
| | THOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst | DGH |
| Diesel Ra | ange Organics (DRO) | ND | 10 | mg/Kg | 1 | 12/6/2023 1:18:43 PM | 79166 |
| Motor Oil | I Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 12/6/2023 1:18:43 PM | 79166 |
| Surr: [| ONOP | 93.3 | 69-147 | %Rec | 1 | 12/6/2023 1:18:43 PM | 79166 |
| EPA ME | THOD 8015D: GASOLINE RA | NGE | | | | Analyst | : JJP |
| Gasoline | Range Organics (GRO) | ND | 4.8 | mg/Kg | 1 | 12/6/2023 3:42:21 PM | 79162 |
| Surr: E | 3FB | 95.1 | 15-244 | %Rec | 1 | 12/6/2023 3:42:21 PM | 79162 |

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

Qualifiers:

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

| Hall Er | nvironmental Analys | is Laboratory, Iı | 1C. | | | Lab Order 2312038 Date Reported: 12/11/2 | 023 |
|-----------|---------------------------|-------------------|----------------|---------------|----------------------|---|-------|
| CLIENT: | Animas Environmental Serv | ices | Clie | ent Sample II |): Ce | ll #3 VZ DS-1 | |
| Project: | BMG Landfarm VZ Soil Sar | C | ollection Date | e: 11 | /29/2023 11:16:00 AM | 1 | |
| Lab ID: | 2312038-003 | Matrix: SOIL | ŀ | Received Date | e: 12 | /1/2023 7:26:00 AM | |
| Analyses | | Result | RL (| Qual Units | DF | Date Analyzed | Batch |
| EPA MET | HOD 8015M/D: DIESEL RAM | NGE ORGANICS | | | | Analyst | DGH |
| Diesel Ra | ange Organics (DRO) | ND | 9.9 | mg/Kg | 1 | 12/6/2023 1:29:21 PM | 79166 |
| Motor Oil | Range Organics (MRO) | ND | 50 | mg/Kg | 1 | 12/6/2023 1:29:21 PM | 79166 |
| Surr: E | NOP | 82.3 | 69-147 | %Rec | 1 | 12/6/2023 1:29:21 PM | 79166 |
| EPA MET | HOD 8015D: GASOLINE RA | NGE | | | | Analyst | : JJP |
| Gasoline | Range Organics (GRO) | ND | 4.9 | mg/Kg | 1 | 12/6/2023 4:05:48 PM | 79162 |
| Surr: E | BFB | 91.7 | 15-244 | %Rec | 1 | 12/6/2023 4:05:48 PM | 79162 |

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

Qualifiers:

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

. . .

| Hall E | nvironmental Analy | sis Laboratory, Iı | nc. | | | Lab Order 2312038 Date Reported: 12/11/2 | 023 | | |
|----------|----------------------------|--------------------|--|-------------|-------|---|-------|--|--|
| CLIENT: | : Animas Environmental Ser | vices | Client Sample ID: Cell #4 VZ DS-1 | | | | | | |
| Project: | BMG Landfarm VZ Soil S | amples | Col | lection Dat | e: 11 | /29/2023 11:31:00 AN | 1 | | |
| Lab ID: | 2312038-004 | Matrix: SOIL | Matrix: SOIL Received Date: 12/1/2023 7:26:00 AM | | | | | | |
| Analyses | 8 | Result | RL Q | ual Units | DF | Date Analyzed | Batch | | |
| EPA ME | THOD 8015M/D: DIESEL RA | NGE ORGANICS | | | | Analyst | DGH | | |
| Diesel R | ange Organics (DRO) | ND | 8.5 | mg/Kg | 1 | 12/6/2023 1:40:02 PM | 79166 | | |
| Motor Oi | il Range Organics (MRO) | ND | 42 | mg/Kg | 1 | 12/6/2023 1:40:02 PM | 79166 | | |
| Surr | DNOP | 92.6 | 69-147 | %Rec | 1 | 12/6/2023 1:40:02 PM | | | |
| Ourr. I | DINOI | 02.0 | 00 111 | 701 (00 | | | 79166 | | |
| | THOD 8015D: GASOLINE R | | 00 111 | //////// | · | Analyst | | | |
| EPA ME | | | 4.6 | mg/Kg | 1 | Analyst 12/6/2023 4:29:21 PM | | | |

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

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

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

Qualifiers:

| | s Environme andfarm VZ | | | | | | | | | |
|--|---------------------------|-------------------|-----------------|---|------------------|-----------|--------------|-----------|----------|------|
| Sample ID: LCS-79166 SampType: LCS Client ID: LCSS Batch ID: 79166 | | | | | | | 8015M/D: Die | sel Range | Organics | |
| Client ID: LCSS Prep Date: 12/5/2023 | Batci Analysis E | | 166 2/6/2023 | RunNo: 101659 SeqNo: 3744237 Units: mg/Kg | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 46 | 10 | 50.00 | 0 | 91.3 | 61.9 | 130 | | | |
| Surr: DNOP | 4.5 | | 5.000 | | 90.1 | 69 | 147 | | | |
| Sample ID: MB-79166 | SampT | Гуре: МЕ | BLK | Tes | tCode: EF | PA Method | 8015M/D: Die | sel Range | Organics | |
| Client ID: PBS | Batcl | h ID: 79 ′ | 166 | F | RunNo: 1(|)1659 | | | | |
| Prep Date: 12/5/2023 | Analysis D | Date: 12 | 2/6/2023 | S | SeqNo: 37 | 744239 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 11 | | 10.00 | | 108 | 69 | 147 | | | |

Qualifiers:

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

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| | imas Environme IG Landfarm VZ | | | | | | | | | |
|-----------------------------|----------------------------------|-------------------|-----------|--|------------------|-----------|--------------------|-----------|----------|------|
| Sample ID: Ics-79162 | cs-79162 SampType: LCS | | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | |
| Client ID: LCSS | Batch | Batch ID: 79162 | | | RunNo: 10 | 1655 | | | | |
| Prep Date: 12/5/2023 | Analysis D | ate: 12 | /6/2023 | 5 | SeqNo: 37 | 44203 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GR | 20) 20 | 5.0 | 25.00 | 0 | 80.5 | 70 | 130 | | | |
| Surr: BFB | 1800 | | 1000 | | 179 | 15 | 244 | | | |
| Sample ID: mb-79162 | SampT | уре: МВ | BLK | Tes | tCode: EF | PA Method | 8015D: Gasol | ine Range | | |
| Client ID: PBS | Batch | n ID: 79 1 | 162 | F | RunNo: 10 | 1655 | | | | |
| Prep Date: 12/5/2023 | Analysis D | ate: 12 | /6/2023 | S | SeqNo: 37 | 44205 | Units: mg/K | g | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GR | O) ND | 5.0 | | | | | | | | |
| Surr: BFB | 890 | | 1000 | | 88.5 | 15 | 244 | | | |

Qualifiers:

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

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| Se curonns | 000 000 000 | eurofins |
|------------|-------------------|----------|
|------------|-------------------|----------|

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| Invironment | Testin | |
|-------------|--------|--|

Eurofins Environment Testing South Central, LLC 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: www.hallenvironmental.com

Sample Log-In Check List

Released to Imaging: 4/8/2025 1:00:45 PM

| | | Website: w | ww.hallenvironment | al.com | |
|-------------------|--|-------------------------|--------------------|----------------|----------------------------|
| Client Name: | Animas Environmental | Work Order Nu | mber: 2312038 | | RcptNo: 1 |
| Received By: | Cheyenne Cason | 12/1/2023 7:26:0 | 0 AM | Chenl Chenl | |
| Completed By: | Cheyenne Cason | 12/1/2023 10:49: | 39 AM | Chent | |
| Reviewed By: | 12-1-23 | | | | |
| ر Chain of Cus | // | | | | |
| | ustody complete? | | Yes 🗹 | No 🗌 | Not Present |
| | sample delivered? | | Client | | |
| Log In | | | | | |
| | npt made to cool the samp | les? | Yes 🗹 | No 🗌 | |
| 4. Were all sam | ples received at a tempera | ature of >0° C to 6.0°C | Yes 🔽 | No 🗌 | |
| 5. Sample(s) in | proper container(s)? | | Yes 🗹 | No 🗌 | |
| 6. Sufficient sam | nple volume for indicated to | est(s)? | Yes 🗹 | No 🗌 | |
| 7. Are samples (| (except VOA and ONG) pr | operly preserved? | Yes 🗹 | No 🗌 | |
| 8. Was preserva | tive added to bottles? | | Yes | No 🗹 | NA 🗌 |
| 9. Received at le | east 1 vial with headspace | <1/4" for AQ VOA? | Yes | No 🗌 | NA 🗹 |
| 10. Were any sar | mple containers received t | proken? | Yes | No 🗹 | # of preserved |
| 11.Does paperwo | ork match bottle labels? | | Yes 🔽 | No 🗌 | bottles checked for pH: |
| (Note discrep | ancies on chain of custody | /) | | _ | (<2 or >12 unless noted) |
| 12. Are matrices | correctly identified on Cha | in of Custody? | Yes 🗹 | No 🗌 | Adjusted? |
| | t analyses were requested | 1? | Yes 🗹 | No 🗌 | Scm 12/1 |
| | ing times able to be met? sustomer for authorization. |) | Yes 🗹 | No 🛄 | Checked by |
| Special Hand | ling (if applicable) | | | | |
| 15. Was client no | otified of all discrepancies | with this order? | Yes 🗌 | No 🗌 | |
| Person | Notified: | Da | ate: | | |
| By Wh | om: | Vi | a: 🗌 eMail 📋 | Phone 🗌 Fax | In Person |
| Regard | ling: | | | | |
| Client I | Instructions: | | | | |
| 16. Additional re | emarks: | | | | |
| 17. Cooler Info | | | | | |
| Cooler No | | | o Seal Date | Signed By | |
| 1 | 4.9 Good | Not Present Yogi | | | |
| 2 | 0.5 Good | Not Present Yogi | | L-0. W | |

| С | hain | of-Cu | istody Record | Turn-Around Tir | ne: | | | | | н | | E | NV | R | ON | ME | NT | AL |
|----------|---------------------|------------|-----------------------------|--|-----------------------|----------------------------|------------------------------------|--|------------|--------|--------|-----|-------|------|------|----|----------|----|
| Client: | ŀ | Animas Ei | nvironmental Services | X Standard | 🗆 Rusi | h | | | | | | | | | | | | RY |
| | | | | Project Name: | | | | | | | | | | | | | | |
| Mailing | Address | 5: | P.O. Box 8 | BMG L | andfarm - VZ | z soil samples | | www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 | | | | | | | | | | |
| | Far | minaton. | NM 87499-0008 | Project #: | | | Tel. 505-345-3975 Fax 505-345-4107 | | | | | | | | | | | |
| Phone | | | | AES 040605 | | | | 10 | 1. 000 | 040 0 | | _ | s Req | | 1101 | | • 4 | |
| | | atodd@a | animasenvironmental.com | Project Manage | r: | | 9 | | | | | | | | | | | |
| QA/QC I | Package: | | | | Angela To | odd | EPA8015M/D | | | | | | | | | | | |
| 🗵 Stai | ndard | | □ Level 4 (Full Validation) | | | | EPA8 | | | | | | | | | | | |
| Accredi | tation: | 🗆 Az Co | mpliance | Sampler: | 01/50 | | via | | | | | | | | | | | |
| D NEL | | Other | | On Ice: | | | | | | | | | | | | | | |
| | (Type) ₋ | | r | # of Coolers: 2 4.840.1 = 4.9 Cooler Temp(including CF): 0.4 +0.1 = 0.5 | | | - Q | | | | | | | | | | | |
| | | | | Cooler Temp(inclu | iding CF): O. Y | +0.1=0.5 | - Q | | | | | | | | | | | |
| Date | Time | Matrix | Sample Name | Container Type and # | Preservativ e Type | HEAL NO. 2312038 | TPH GRO/DRO/MRO | | | | | | | | | | | |
| 11-29-27 | 10:44 | Soil | Cell #1 VZ DS-1 | 1 - 4 oz jar | Cool | 001 | X | | | | | + | | | | + | | |
| 1 | 11:00 | Soil | Cell #2 VZ DS-1 | 1 - 4 oz jar | Cool | acr | X | | | | | | | | | | | |
| | 11:16 | Soil | Cell #3 VZ DS-1 | 1 - 4 oz jar | Cool | 003 | X | | | | | | | | | | | |
| * | 11:31 | Soil | Cell #4 VZ DS-1 | 1 - 4 oz jar | Cool | bey | X | | | | | | | | | | | |
| <u> </u> | | | | | | | _ | | | | | | _ | | | | - | |
| | | | | | | | + | -+ | | | | | | | | + | \vdash | |
| | <u> </u> | | | | | | | | | | | _ | | | | | | |
| | | | | | | | ++ | | | | | _ | | | | + | | |
| <u> </u> | | | | | | | | | | | | | | | | 1 | | |
| Date: | Time: 1439 | Relinquish | nin | Received by: | /ia: | Date Time 11/36/23 1439 | Rem Plea | | s: dire | ct-bil | l this | pro | ject | to B | MG. | | | |
| Date: | Time: | Relinquish | ed by: A Walt | Received by: | /ia: 121 | Baté Time | | | | | | | | | | | | |

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

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

| Santa Fe, NM 87505 | |
|--------------------|--|
| CONDITIONS | |
| OCPID | |

| Operator: | OGRID: |
|-----------------------------------|---|
| BENSON-MONTIN-GREER DRILLING CORP | 2096 |
| 4900 College Blvd. | Action Number: |
| Farmington, NM 87402 | 320778 |
| | Action Type: |
| | [C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL) |

| CONDITIONS | | |
|------------------|---|-------------------|
| Created By | Condition | Condition Date |
| jeffrey.harrison | The Oil Conservation Division (OCD) has completed its review of Benson-Montin-Greer Drilling Corp's (BMG) 2023 Landfarm Annual Monitoring and Sampling Report dated March 5th, 2024, for the facility covered under permit # NM-02-0004. The document has been accepted and retained for records retention purposes only and may contain statements and conclusions which the division does not support or endorse. | 4/8/2025 |

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Action 320778