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March 31, 2023

Nelson Velez New Mexico Oil Conservation Division 1000 Rio Brazos Road Aztec, New Mexico 87410

Re: Q1 through Q4 Annual 2022 Progress Report Benson-Montin-Greer Highway 537 Truck Receiving Station 2009 Release Rio Arriba County, New Mexico AP-137 (Formerly 3RP-448) Incident #NRMD0929447874 Review of the Q1 through Q4 Annual 2022 Progress Report: **Content Satisfactory** 1. Continue to sample and monitor groundwater in MW-1 for VOCs, Phenols, and Manganese per progress report. 2. Gauge all wells for depth to groundwater and water quality parameters on an annual basis. 3. Replace the absorbent sock in MW-1 as needed. 4. Submit the next progress report

for 2023 by April 1, 2024.

Dear Mr. Velez:

On behalf of Benson-Montin-Greer Drilling Corporation (BMG), Animas Environmental Services, LLC (AES) has prepared this Annual 2022 Progress Report, which provides details of monitoring and sampling of site wells at the BMG Highway 537 Truck Receiving Station 2009 Release location. Site activities were conducted in accordance with a Stage 1 and 2 Abatement Plan dated June 14, 2019, and Abatement Plan approval is currently pending.

1.0 Site Information

1.1 Site Location

The 2009 release originated on the Schmitz Ranch, on the south side of Highway 537 and within the bermed area of the Highway 537 Truck Receiving Station. The station is adjacent to the Los Ojitos Arroyo, which ultimately drains to Largo Canyon. The release location is legally described as being located within the SW¼ NW¼ Section 18, T25N, R3W in Rio Arriba County, New Mexico. Latitude and longitude were recorded as being N36.39866 and W107.19328, respectively. A topographic site location map, based on an excerpt from the U.S. Geological Survey (USGS) 7.5-minute Schmitz Ranch, Rio Arriba County, New Mexico topographic quadrangle, is included as Figure 1, and a general site plan is presented as Figure 2.

1.2 Release History

January 29, 2009 - a Western Refining truck driver discovered crude condensate within the bermed area around the storage tanks, on the south side of Tank #1. BMG personnel

arrived on-site and confirmed a leak at a buried 6-inch line between the storage tanks and the truck loading pump. The release was the result of a corrosion hole along the bottom of the pipe near the truck loading pumps.

February 2, 2009 - the 6-inch line was repaired, and the excavation was backfilled with clean fill material. Approximately 100 cubic yards (CY) of contaminated soil were transported to the TNT Landfarm for disposal.

1.3 Site Investigation and Monitor Well Installation

February 16 through 20, 2009 - site investigation activities were conducted by AES to delineate the full extent of petroleum hydrocarbon impact on surface and subsurface soils and groundwater resulting from the release. The investigation included the installation of 11 monitor wells (MW-1 through MW-11) and collection of soil and groundwater samples. Note that non-aqueous phase liquid (NAPL) was not observed during groundwater monitor well installation or subsequent sampling.

Soils were found to consist of interbedded layers of moist reddish-brown clayey and silty sand, moist reddish-brown silty and sandy clay, poorly sorted tan sands and sandstone, and moist stiff brown clays. Soil contaminant concentrations exceeded New Mexico Oil Conservation Division (NMOCD) action levels for total benzene, toluene, ethylbenzene, and total xylenes (BTEX) in MW-1, MW-3, MW-4, and MW-8. Soil concentrations for total petroleum hydrocarbons (TPH) exceeded laboratory detection limits in MW-1, MW-3, MW-4, and MW-8. The highest total BTEX concentrations and total TPH concentrations were reported at 345 milligrams per kilogram (mg/kg) and 8,100 mg/kg, respectively, at 26 feet below ground surface (ft bgs) in MW-3. Details of the site investigation are included in the AES *Site Investigation Report* submitted to NMOCD in April 2009.

May 12 and June 4, 2014 - AES conducted further site assessment on behalf of BMG as part of termination of the site lease and removal of site structures and infrastructure. The work included soil sampling during the excavation of hydrocarbon contaminated soils, discovered when the storage tanks and truck loading station were removed from the site, and a subsequent assessment of subsurface soils, utilizing a Geoprobe.

Former Tank Area - under the former tank area, the field screening results for volatile organic compounds (VOCs) via organic vapor meter (OVM) ranged from 0.0 parts per million (ppm) in SB-1, SB-2, SB-4, and SB-6 up to 1,048 ppm in SB-5 (8 to 12 ft below ground surface [bgs]). Except for SB-5, VOC concentrations in the tank area borings were below the NMOCD action level of 100 ppm VOCs. Field TPH concentrations were also below the NMOCD action level of 100 mg/kg in all

borings, except SB-5, in which the highest TPH concentration was noted at 225 mg/kg (12 to 16 ft bgs). The remaining intervals in SB-5 had TPH concentrations of 61.5 mg/kg (4 to 8 ft and 8 to 12 ft bgs) and 69.2 mg/kg (16 to 20 ft bgs). Excepting SB-5, residual contaminant concentrations below the former tank area were below applicable NMOCD action levels for VOCs and TPH.

Former Truck Loading Station - Under the former loading area, the field screening results for VOCs via OVM ranged from 0.3 ppm in SB-15, SB-16, SB-17, and SB-20, up to greater than 5,000 ppm in SB-11 through SB-14, SB-18, and SB-19. Field TPH concentrations were also reported above the NMOCD action level of 100 mg/kg. Based on VOC and TPH concentrations, residual contaminants in subsurface soils were still present at the former truck loading station area and former pump area. Results of the excavation assessment confirmed that residual contaminants were present under the former loading area; approximately 600 CY of petroleum-impacted soil were subsequently removed from the excavated areas and transported to the BMG Landfarm by TPC, LLC. Results of the excavation assessment were submitted in a report dated November 12, 2014.

1.4 Groundwater Monitoring and Sampling, 2009 to 2017

AES conducted quarterly to semi-annual groundwater measurement and sampling from March 2009 through August 2017. Note that MW-2, MW-4, MW-5, MW-6, MW-7, MW-10, and MW-11 had either trace concentrations or concentrations below laboratory detection limits since the wells were installed. In the remaining wells, MW-1, MW-3, MW-8, and MW-9, there were significant contaminant reductions through monitored natural attenuation; however, in 2014, 1.18 ft of NAPL was detected in MW-1 after groundwater in the area had declined approximately 3 ft over a 5-year period.

By 2016, 9 of the 11 monitor wells (MW-2 and MW-4 through MW-11) had eight or more consecutive sampling events with readings below applicable New Mexico Water Quality Control Commission (WQCC) standards. Cumulative groundwater measurement and water quality data are presented in Table 1, and a summary of groundwater analytical results is presented in Table 2.

1.5 Monitor Well P&A—MW-6 through MW-11, August 2017

On August 7, 2017, BMG, with approval from NMOCD, completed the plugging and abandonment (P&A) of six monitor wells located at the site, including MW-6 through MW-11. These monitor wells all had at least eight consecutive events of groundwater contaminant concentrations below laboratory detection limits or below applicable New

Mexico WQCC standards. At the request of NMOCD, MW-2, MW-4, and MW-5 were kept open so that they could continue to be gauged for depth to groundwater and hydraulic gradient could be determined.

1.6 NAPL Recovery Efforts in MW-1

NAPL was first observed in MW-1 in April 2014, when groundwater elevations gradually declined about 3 ft from when the wells were first installed in 2009. By August 2014, BMG had arranged for aggressive NAPL recovery to be implemented with a high vacuum multi-phase extraction (MPE) unit, which was powered by a mobile internal combustion engine (ICE) unit. The unit ran between August and November 2014 and April to May 2015. In 2014, 1,957 pounds (Ibs) of petroleum hydrocarbons were removed as a combination of vapors, NAPL (limited), and dissolved phase constituents. In 2015, approximately 1,874 lbs of hydrocarbons were removed as a combination of vapors and dissolved phase constituents. MPE operations were suspended in May 2015 because of high production of water and rapidly decreasing mass removal rates.

A short pilot study utilizing a low vacuum Solar Sipper was conducted in January 2015; success was moderate primarily because of short daylight hours.

Limited hand-bailing was conducted from 2014 through 2016, and on a quarterly basis in 2017. After further NAPL testing in 2017 showed that the transmissivity of the residual NAPL had decreased to well below 0.5 square feet per day (ft²/day), NMOCD allowed NAPL recovery to continue via hand-bailing on a monthly basis. Based on data from monthly hand-bailing events from 2018 through March 2019, measured NAPL thickness in MW-1 continued to decrease and remains below the recommended NAPL thickness of 0.5 ft for conducting additional transmissivity testing.

Results of NAPL recovery efforts since 2014, when NAPL was first observed in MW-1, are summarized below. Groundwater and NAPL measurement data are included in Table 1, and historic groundwater analytical results are found in Table 2.

Petroleum Hydrocarbon Mass Removal to Date in MW-1 at BMG Hwy 537 2009 Release

Time Period	Mass Petroleum Hydrocarbons Removed (lbs)
August to November 2014 (MPE)	1,957
Pilot Study January 2015 (Solar Sipper)	8
April to May 2015 (MPE)	1,874
Hand-Bailing (2016-2017)	62
Hand-Bailing (2018)	12
Cumulative Mass	3,913

Residual NAPL continued to be observed in MW-1 throughout 2020 (0.01 ft in March 2020 to 0.05 ft in September 2020), and a hydrophobic absorbent sock was installed in MW-1 in June 2020. The sock was checked periodically and replaced as needed throughout 2021.

1.7 Site Activities, 2019 to 2021

1.7.1 Groundwater Monitoring and Sampling, March 2019

AES conducted groundwater monitoring and sampling in March 2019. NAPL was detected in MW-1 (0.01 ft). After fully bailing off NAPL, groundwater samples from MW-1 were submitted for laboratory analysis. The dissolved benzene concentration of 340 micrograms per liter (μ g/L) exceeded the WQCC standard of 5 μ g/L.

Geochemical analyses were also collected to assist in determining chemical injection masses for treatment of residual contaminants. Samples from MW-1 were laboratory analyzed for the following:

- Dissolved iron and manganese (USEPA Method 6020);
- Total iron and manganese (USEPA Method 6010); and
- Nitrate and sulfate (USEPA Method 300.0).

Groundwater and NAPL measurement data are included in Table 1, and historic groundwater analytical results are tabulated and presented in Tables 2 and 3.

1.7.2 Soil Boring Installation and Groundwater Sampling, September 2019

On September 5, 2019, AES installed two soil borings (B1 and B2) in accordance with the proposed Abatement Plan to assist in planning for chemical injections at the location. Site lithology at B1 was observed to consist of cobbles and sandy soils from the surface to 5 ft bgs, clay and sand from 5 to 25 ft bgs, and clay from 20 ft to 35 ft bgs. Boring B2 is characterized by clay with sand to 5 ft bgs, clayey sand from 5 to 25 ft bgs, and clay to 35 ft bgs. Strong odors were noted throughout both borings until the terminal depths of 35 ft bgs.

Elevated petroleum hydrocarbon BTEX contaminants above the NMOCD action levels were present in soil at B1 from the surface to 30 ft bgs, and at B2 at 15 and 20 ft bgs. Elevated TPH (as gasoline-range organics [GRO], diesel-range organics [DRO], and motor oil-range organics[MRO]) concentrations were present throughout B1, and in B2 to a depth of 25 ft bgs. Chloride concentrations were below laboratory detection levels.

On September 25, 2019, groundwater gauging and sampling occurred. Residual NAPL was observed in MW-1 (0.08 ft), and MW-5 was noted to have a damaged well casing. NAPL was effectively bailed off from MW-1 (source area well), and samples were collected for laboratory analysis of WQCC parameters listed in NMAC 20.6.2.3103 as noted in the Abatement Plan. MW-1 exceeded WQCC standards for benzene (88 µg/L), total dissolved solids (TDS) (3,500 milligrams per liter [mg/L]), sulfate (1,800 mg/L), phenols (0.028 mg/L), uranium (0.036 mg/L), total aluminum (20 mg/L), total iron (28 mg/L), and total manganese (0.68 mg/L). Groundwater concentrations were either below laboratory detection limits or below applicable WQCC standards for all other parameters analyzed.

1.7.3 Abatement Plan

A Stage 1 and 2 Abatement Plan was submitted to NMOCD for approval on June 14, 2019, in accordance with a request from NMOCD dated March 21, 2019. Plan approval is currently pending.

1.7.4 Groundwater Monitoring and Sampling, 2020

On March 25, June 23, September 23, and November 23, 2020, groundwater samples were collected from MW-1 (source area well). Additionally, on March 25 and June 23, 2020, groundwater samples were collected from MW-2 (up-gradient well). Groundwater gauging occurred at other site wells during all quarterly events to assist in calculating hydraulic gradient.

Depth to groundwater at the site gradually and slightly decreased at all wells between the March and November 2020 events. The groundwater elevation at MW-1 (31.53 ft bgs)

decreased to a near record low at MW-1 (31.65 ft bgs), and to record lows at MW-2 through MW-5, with elevations ranging from 30.84 ft bgs at MW-3 to 31.66 ft bgs at MW-5 in November 2020. Gradient was calculated to be to the southwest which is consistent with previous site data.

Residual NAPL was observed in MW-1 (0.01 ft in March 2020 to 0.05 ft in September 2020). NAPL was effectively bailed off to a sheen, a hydrophobic absorbent sock was installed in June 2020.

MW-1 exceeded WQCC standards for: benzene (220 μ g/L in March, 760 μ g/L in June, 9.7 μ g/L in September, and 110 μ g/L in November 2020) and dissolved manganese (0.52 mg/L in March and 0.66 in June 2020).

1.7.5 Groundwater Monitoring and Sampling, 2021

On March 17, June 17, September 29, and December 14, 2021, groundwater samples were collected from MW-1 (source area well). Groundwater gauging occurred at other site wells to assist in calculating hydraulic gradient.

Depth to groundwater at the site rebounded slightly between the November 2020 and March 2021 sampling events, but then decreased to record lows in each well in subsequent events, with December 2021 depths to groundwater ranging from 32.01 ft bgs at MW-1 to 32.5 ft bgs at MW-3 and MW-4. Gradient was calculated to be to the southwest and is consistent with previous site data;

Residual NAPL was observed in MW-1 (sheen in March to 0.02 ft in September 2021). NAPL was effectively bailed off to a sheen during all four events, and samples were collected in from MW-1. In addition, a hydrophobic absorbent sock installed in June 2020 continues to be utilized in MW-1;

MW-1 exceeded the WQCC standard of 5 μ g/L for benzene with 160 μ g/L in March, 14 μ g/L in June, 190 μ g/L in September, and 54 μ g/L in December. This well surpassed the WQCC standard of 0.2 mg/L for dissolved manganese with 0.42 mg/L in September.

2.0 Groundwater Monitoring and Sampling, 2022

Groundwater monitoring and sampling was conducted by AES in March, June, September, and December 2022. All samples were preserved in laboratory-supplied containers and stored in an insulated cooler containing ice. Samples were shipped by Hall personnel in chilled and insulated coolers at less than 6°C to the analytical laboratory.

Groundwater elevations are presented in Table 1. Water sample collection forms are presented in Appendix A, and laboratory analytical reports are in Appendix B.

2.1 March 2022

Groundwater monitoring of all site wells and sampling of monitor well MW-1 was conducted by AES on March 8, 2022, for 1st Quarter 2022. During the sampling event, NAPL (0.01 ft) was detected in MW-1 before the initial bail. NAPL was bailed from this well, and because groundwater recharge was sufficient, samples were able to be collected for laboratory analysis.

Groundwater Elevations and Water Quality Measurements

Depth to groundwater at the site ranged from 30.42 ft bgs at MW-1 to 34.14 ft bgs at MW-2. Temperature ranged from 12.2°C to 12.4°C, and specific conductivity measurements were between 3.209 milliSiemens (mS) in MW-3 and 3.634 mS in MW-4. Dissolved oxygen readings were between 8.0 mg/L in MW-2 and 13.0 mg/L in MW-3 while pH ranged from 7.0 to 7.2. Oxidation reduction potential (ORP) readings were between 34.6 millvolts (mV) in MW-3 and 102.8 mV in MW-4. Field water quality measurements could not be obtained from MW-1 due to a NAPL sheen remaining after bailing and MW-5 was noted to have a damaged well casing. Groundwater gradient was calculated to be 0.02 ft/ft in a southwestern direction. March 2022 groundwater elevations and contours are presented in Figure 3A.

Groundwater Laboratory Analyses

Groundwater samples from MW-1 (near the release area) were submitted to Hall in Albuquerque, New Mexico, for analysis of the following parameters listed in NMAC 20.6.2.3103(A-C) in accordance with the proposed Abatement Plan:

Volatile organic compounds (VOCs) per USEPA Method 8260.

Groundwater Laboratory Analytical Results

Groundwater analytical results for MW-1 showed concentrations *above WQCC standards* for the following parameters:

Benzene - 180 μg/L (WQCC standard 5 μg/L).

Groundwater analytical results are tabulated and presented in Tables 2 and 3; and are also presented on Figure 4. The laboratory analytical report is included in Appendix B.

2.2 June 2022

Groundwater monitoring of all site wells and sampling of monitor well MW-1 was conducted by AES on June 9, 2022, for 2nd Quarter 2022. During the sampling event, a residual NAPL sheen remained in MW-1. NAPL was bailed from this well, and because groundwater recharge was sufficient, samples were able to be collected for laboratory analysis.

Groundwater Elevations and Water Quality Measurements

Depth to groundwater at the site ranged from 31.31 ft bgs at MW-3 to 32.16 ft bgs at MW-5. NAPL was measured only at MW-1 (sheen). Temperature ranged from 13.5°C to 14.3°C. Specific conductivity ranged from 2.809 mS in MW-3 and 3.067 mS in MW-4, while dissolved oxygen was between 1.2 mg/L in MW-2 and 2.6 mg/L in MW-4. pH was between 7.2 and 7.29, and ORP ranged from 31.5 mV in MW-3 to 134.6 mV in MW-2. Field water quality measurements could not be obtained from MW-1 due to a NAPL sheen remaining after bailing and the well casing at MW-5 was again noted to be damaged. Groundwater gradient was calculated to be 0.005 ft/ft in a southwestern direction. June 2022 groundwater elevations and contours are presented in Figure 3B.

Groundwater Laboratory Analyses

Groundwater samples from MW-1 (near the release area) were submitted to Hall in Albuquerque, New Mexico, for analysis of the following parameters listed in NMAC 20.6.2.3103(A-C) in accordance with the proposed Abatement Plan:

BTEX per USEPA Method 8260 Short List.

Groundwater Laboratory Analytical Results

Groundwater analytical results for MW-1 showed concentrations *above WQCC standards* for the following parameters:

Benzene - 76 μg/L (WQCC standard 5 μg/L).

Groundwater analytical results are tabulated and presented in Tables 2 and 3; and are also presented on Figure 4.

2.3 September 2022

Groundwater monitoring of all site wells and sampling of monitor well MW-1 was conducted by AES on September 28, 2022, for 3rd Quarter 2022. During the sampling event, a NAPL sheen remained in MW-1. NAPL was bailed from this well, and because

groundwater recharge was sufficient, samples were able to be collected for laboratory analysis.

Groundwater Elevations and Water Quality Measurements

Depth to groundwater at the site ranged from 29.58 ft bgs at MW-3 to 30.99 ft bgs at MW-5. NAPL was measured only at MW-1 (sheen) and the MW-5 well casing was again observed to be damaged. Temperature readings in the wells ranged between 14.3°C and 14.6°C. Specific conductivity measurements were between 2.805 mS in MW-3 up to 3.048 mS in MW-2, and groundwater pH ranged from 7.06 to 7.2. Dissolved oxygen readings were between 1.32 in MW-4 to 2.0 in MW-2, and ORP readings ranged from 77.5 mV to 215.1 mV. Groundwater gradient was calculated to be 0.007 ft/ft in a west-southwestern direction. September 2022 groundwater elevations and contours are presented in Figure 3C.

Groundwater Laboratory Analyses

Groundwater samples from MW-1 (near the release area) were submitted to Hall in Albuquerque, New Mexico, for analysis of the following parameters listed in NMAC 20.6.2.3103(A-C) in accordance with the proposed Abatement Plan:

• VOCs per USEPA Method 8260.

Groundwater Laboratory Analytical Results

Groundwater analytical results for MW-1 showed concentrations *above WQCC standards* for the following parameters:

Benzene - 160 μg/L (WQCC standard 5 μg/L).

Groundwater analytical results are tabulated and presented in Tables 2 and 3; and are also presented on Figure 4.

2.4 December 2022

Groundwater monitoring of all site wells and sampling of monitor well MW-1 was conducted by AES on December 21, 2022, for 4th Quarter 2022, and an additional sample was collected for dissolved manganese in March 2023 for inclusion into the Q4 results. During the sampling event, residual NAPL was not observed in MW-1, and samples were able to be collected for laboratory analysis.

Groundwater Elevations and Water Quality Measurements

Depth to groundwater at the site ranged from 30.59 ft bgs at MW-3 to 31.51 ft bgs at MW-5. Field water quality measurements from MW-1 showed temperature at 12.8°C, specific conductivity at 4.12 mS, dissolved oxygen at 2.88 mg/L, pH at 7.1, and ORP at 2.06 mV. Groundwater gradient was calculated to be 0.003 ft/ft in a west-southwestern direction. December 2022 groundwater elevations and contours are presented in Figure 3D.

Groundwater Laboratory Analyses

Groundwater samples from MW-1 (near the release area) were submitted to Hall in Albuquerque, New Mexico, for analysis of the following parameters:

- VOCs per USEPA Method 8260;
- TPH as GRO per USEPA Method 8015B; and
- Dissolved manganese per USEPA Method 200.7.

Groundwater Laboratory Analytical Results

Groundwater analytical results for MW-1 showed concentrations *above WQCC standards* for the following parameters:

- Benzene 380 μg/L (WQCC standard 5 μg/L);
- Dissolved manganese 0.27 mg/L (WQCC standard 0.20 mg/L).

TPH as GRO was reported at a concentration of 3.1 mg/L. Note that there are no WQCC standards for TPH. Groundwater analytical results are tabulated and presented in Tables 2 and 3; and are also presented on Figure 4.

3.0 Discussion

Under NMAC 9.15.30 for Abatement Plans, groundwater sampling for parameters listed in NMAC 20.6.2.3103(A-C) are required to identify parameters that may be contaminants of concern. Comprehensive sampling for all parameters was first completed in MW-1 (source/release area) in September 2019, and exceedances were identified for benzene, uranium, sulfate, TDS, total phenols, and dissolved manganese. Subsequent sampling at MW-2 (upgradient) conducted in March 2020 reported sulfate and TDS concentrations consistent with naturally occurring background concentrations and with concentrations in MW-1.

The remaining contaminants of concern in the dissolved phase are dissolved manganese and benzene. AES performed Mann-Kendall analyses for two different time frames for benzene concentrations in MW-1, 2009-2022 (the entire history of the monitor well) and 2019-2022 (the most recent set of consistent quarterly monitoring events). The Mann-Kendall analyses were run using ProUCL 5.1.002, a software package developed by U.S. Environmental Protection Agency for statistical analysis of data generated at Superfund sites, using a confidence coefficient of 0.95. Each trend (for a specific contaminant at a specific well) is categorized as "Increasing", "Decreasing", or "No Trend". For MW-1, benzene concentrations from 2009 to 2022 were categorized as "Decreasing", while the data set for 2019 to 2022 was "No Trend". Benzene concentrations at MW-1 since 2019 are presented in Graph 1.

4.0 Conclusions and Recommendations

4.1 Conclusions

On March 8, June 9, September 28, and December 21, 2022, groundwater samples were collected from MW-1 (source area well). Groundwater gauging occurred at other site wells to assist in calculating hydraulic gradient.

Based on field observations, field screening, and laboratory analytical results from March through December 2022, the following is concluded:

- Depth to groundwater at the site was near record lows in June 2022 then rebounded slightly in September 2022. December 2022 depths to groundwater ranged from 30.59 ft bgs at MW-3 to 31.51 ft bgs at MW-5. Gradient was calculated to be to the southwest and is consistent with previous site data;
- Residual NAPL was observed in MW-1 as a sheen in March, June, and September 2022. NAPL was effectively bailed off to a sheen during each of these sampling events, and samples were collected in from MW-1. No NAPL sheen was observed in MW-1 during the December 2022 sampling event for the first time since March 2019. Note that a hydrophobic absorbent sock installed in June 2020 continues to be utilized in MW-1.
- MW-1 exceeded the WQCC standard of 5 μg/L for benzene with 180 μg/L in March, 76 μg/L in June, 160 μg/L in September, and 380 μg/L in December. Mann-Kendall trend analysis could not determine an increasing or decreasing trend for these concentrations.

4. MW-1 continues to exceed the dissolved phase manganese WQCC standard, with the most recent concentration reported at 0.27 mg/L.

4.2 Recommendations

Based on groundwater concentrations above WQCC standards, AES recommends continued groundwater monitoring and sampling in **MW-1** for:

- 1. Quarterly: VOCs (USEPA Method 8260);
- 2. Annual: Phenols (SW-846 9067) and dissolved manganese (USEPA Method 200.7) to be conducted in September 2023.
- 3. Gauge all wells for depth to groundwater and water quality parameters on an annual basis (September 2023).
- 4. Replace absorbent sock in MW-1 as needed.

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

Respectfully Submitted,

Lany lupps

Lany Cupps Environmental Coordinator

Angela Sedgerwood

Angela Ledgerwood Senior Project Manager

Elizabeth V Merdly

Elizabeth McNally, P.E. Principal

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- 3B. General Site Map and Groundwater Gradient Map, June 2022
- 3C. General Site Map and Groundwater Gradient Map, September 2022
- 3D. General Site Map and Groundwater Gradient Map, December 2022
- 4. Groundwater Contaminant Concentrations, 2022

Graphs

1. Dissolved Phase Benzene and Groundwater Elevations Over Time – MW-1

Appendices

- A. Groundwater Sample Collection Forms (March, June, September, and December 2022)
- B. Laboratory Analytical Reports (Hall No. 2203681, 2206654, 2209H39, 2212C91, 2303953)
- Cc: Zach Stradling (<u>zstradling@bmqdrilling.com</u>) Benson-Montin-Greer Drilling Corp.
 4900 College Blvd Farmington, NM 87401

Craig Schmitz, Private Landowner (hard copy) #70 County Road 405 Lindrith, NM 87029

Sharepoint/Hwy 537 2009/Reports/2023.03.31 Annual 2022 Groundwater Monitoring Report LC AL EM AL.docx

Tables

SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water							
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved			
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	pН	ORP	
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)	
MW-1	05-Mar-09	7064.66		27.95		7036.71		12.29	5.231	1.27	6.64	-36.1	
MW-1	11-Sep-09	7064.66		28.66		7036.00		13.15	7.016	0.65	8.60	-118.5	
MW-1	15-Jan-10	7064.66		28.91		7035.75		13.30	3.714	2.74	6.79	-167.8	
MW-1	15-Oct-10	7064.66		29.20		7035.46		13.77	4.642	1.51	7.14	-17.9	
MW-1	21-Jan-11	7064.66		29.28		7035.38		12.42	4.246	1.63	6.92	-85.8	
MW-1	12-May-11	7064.66		28.93		7035.73		13.08	3.830	2.95	7.00	-96.1	
MW-1	12-Aug-11	7064.66		29.67		7034.99		14.03	4.637	3.83	6.94	-107.9	
MW-1	16-Nov-11	7064.66		29.82		7034.84		11.57	4.385	2.89	5.35	-69.7	
MW-1	21-Feb-12	7064.66		29.77		7034.89		12.01	4.063	1.09	6.78	-123.9	
MW-1	24-May-12	7064.66		29.77		7034.89		12.94	4.563	1.04	6.95	-46.5	
MW-1	10-Sep-12	7064.66		30.14		7034.52		14.63	4.705	1.16	7.12	-15.7	
MW-1	04-Dec-12	7064.66		30.33		7034.33		12.55	4.430	1.30	7.11	-7.1	
MW-1	26-Mar-13	7064.66		29.87		7034.79		12.20	4.556	1.66	6.72	-5.9	
MW-1	01-Jul-13	7064.66		30.41		7034.25		13.52	4.372	3.61	7.18	9.2	
MW-1	25-Sep-13	7064.66		29.51		7035.15		12.62	8.264	1.64	7.21	-48.6	
MW-1	14-Jan-14	7064.66		30.10		7034.56		12.78	4.905	1.75	NM	-59.5	
MW-1	04-Apr-14	7064.66	29.84	31.02	1.18	7033.64	7034.67	Not N	/leasured - NA	PL Present (1.	18 ft thicl	kness)	
MW-1	26-Sep-14	7064.66	30.25	30.90	0.65	7033.76	7034.33	Not N	/leasured - NA	PL Present (0.	65 ft thicl	kness)	
MW-1	03-Dec-14	7064.66	30.31	31.47	1.16	7033.19	7034.20	Not N	/leasured - NA	PL Present (1.	16 ft thicl	kness)	
MW-1	27-Mar-15	7064.66	29.35	29.63	0.28	7035.03	7035.27	Not N	/leasured - NA	PL Present (0.	28 ft thicl	kness)	
MW-1	08-Dec-15	7064.66	29.84	31.48	1.64	7033.18	7034.61	Not Measured - NAPL Present (1.64 ft thickness)					
MW-1	02-Jun-16	7064.66	29.56	31.21	1.65	7033.45	7034.89	Not Measured - NAPL Present (1.65 ft thickness)					
MW-1	20-Oct-16	7064.66	30.20	30.94	0.74	7033.72	7034.36	Not Measured - NAPL Present (0.74 ft thickness)					
MW-1	26-Jan-17	7064.66	29.77	30.38	0.61	7034.28	7034.81	Not N	/leasured - NA	PL Present (0.	61 ft thicl	kness)	
MW-1	14-Apr-17	7064.66	29.46	29.73	0.27	7034.93	7035.16	Not Measured - NAPL Present (0.27 ft thickness)					
MW-1	14-Aug-17	7064.66	30.08	31.30	1.22	7033.36	7034.42	Not Measured - NAPL Present (1.22 ft thickness)					

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	pН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-1	28-Sep-17	7064.66	30.43	31.65	1.22	7033.01	7034.07	Not N	Neasured - NA	PL Present (1.	22 ft thick	kness)
MW-1	07-Dec-17	7064.66	30.01	30.39	0.38	7034.27	7034.60	Not N	Measured - NA	PL Present (0.	38 ft thick	(ness)
MW-1	09-Jan-18	7064.66	30.12	30.55	0.43	7034.11	7034.48	Not N	Measured - NA	PL Present (0.	43 ft thick	kness)
MW-1	12-Feb-18	7064.66	30.07	30.44	0.37	7034.22	7034.54	Not N	Measured - NA	PL Present (0.	37 ft thick	kness)
MW-1	05-Mar-18	7064.66	30.12	30.31	0.19	7034.35	7034.52	Not N	Measured - NA	PL Present (0.	19 ft thick	kness)
MW-1	05-Apr-18	7064.66	30.13	30.30	0.17	7034.36	7034.51	Not N	Measured - NA	PL Present (0.	17 ft thick	kness)
MW-1	18-May-18	7064.66	30.18	30.38	0.20	7034.28	7034.45	Not N	Measured - NA	PL Present (0.	20 ft thick	kness)
MW-1	12-Jun-18	7064.66	30.34	31.06	0.72	7033.60	7034.23	Not N	Measured - NA	PL Present (0.	72 ft thick	kness)
MW-1	09-Jul-18	7064.66	30.60	30.97	0.37	7033.69	7034.01					kness)
MW-1	13-Aug-18	7064.66	30.73	31.18	0.45	7033.48	7033.87	87 Not Measured - NAPL Present (0.45 ft thickness)				kness)
MW-1	24-Sep-18	7064.66	30.99	31.31	0.32	7033.35	7033.63	Not N	Measured - NA	PL Present (0.	32 ft thick	kness)
MW-1	26-Oct-18	7064.66	31.04	31.17	0.13	7033.49	7033.60	Not N	Measured - NA	PL Present (0.	13 ft thick	kness)
MW-1	19-Nov-18	7064.66	31.05	31.13	0.08	7033.53	7033.60	Not N	Measured - NA	PL Present (0.	08 ft thick	kness)
MW-1	14-Dec-18	7064.66	31.04	31.08	0.04	7033.58	7033.61	Not N	Measured - NA	PL Present (0.	04 ft thick	kness)
MW-1	15-Jan-19	7064.66		29.90		7034.76		NM	NM	NM	NM	NM
MW-1	26-Mar-19	7064.66	29.52	29.53	0.01	7035.13	7035.14	13.7	3.297	1.16	7.44	-25.3
MW-1	25-Sep-19	7064.66	30.91	30.99	0.08	7033.67	7033.74	Not I	Veasured - NA	PL Present (0.	08 ft thick	kness)
MW-1	25-Mar-20	7064.66	30.35	30.36	0.01	7034.30	7034.31	Not I	Veasured - NA	PL Present (0.	01 ft thick	kness)
MW-1	23-Jun-20	7064.66	30.94	30.97	0.03	7033.69	7033.72		Veasured - NA			,
MW-1	23-Sep-20	7064.66	31.45	31.50	0.05	7033.16	7033.20	Not I	Veasured - NA	PL Present (0.	05 ft thick	kness)
MW-1	23-Nov-20	7064.66	31.51	31.53	0.02	7033.13	7033.15	5 Not Measured - NAPL Present (0.02 ft thickness)				ness)
MW-1	17-Mar-21	7064.66		31.44		7033.22	7033.22					
MW-1	17-Jun-21	7064.66	31.71	31.72	0.01	7032.94	7032.95	Not I	Measured - NA	PL Present (0.	01 ft thick	kness)
MW-1	29-Sep-21	7064.66	32.07	32.09	0.02	7032.57	7032.59					
MW-1	14-Dec-21	7064.66	32.00	32.01	0.01	7032.65	7032.66	6 Not Measured - NAPL Present (0.01 ft thickness)				
MW-1	08-Mar-22	7064.66	30.41	30.42	0.01	7034.24	7034.25	Not N	Measured - NA	PL Present (0.	01 ft thick	kness)

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Temp.	Conduct.	Oxygen	pН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-1	09-Jun-22	7064.66		31.99		7032.67	7032.67		Not Measured	- NAPL Prese	nt (sheen)	
MW-1	28-Sep-22	7064.66		30.58		7034.08	7034.08		Not Measured	- NAPL Prese	nt (sheen)	
MW-1	01-Dec-22	7064.66		31.51		7033.15	7033.15		Not Measured	- NAPL Prese	nt (sheen)	
MW-2	05-Mar-09	7064.65		27.69		7036.96		12.00	4.567	2.59	6.82	-29.8
MW-2	10-Sep-09	7064.65		28.38		7036.27		12.93	6.480	1.09	7.58	62.2
MW-2	15-Jan-10	7064.65		28.62		7036.03		12.49	3.604	2.10	7.57	-70.3
MW-2	14-Oct-10	7064.65		28.91		7035.74		12.49	3.968	1.71	7.40	98.9
MW-2	21-Jan-11	7064.65		28.99		7035.66		11.44	4.045	1.62	8.56	-6.2
MW-2	12-May-11	7064.65		28.63		7036.02		13.14	4.087	1.43	7.67	-66.7
MW-2	12-Aug-11	7064.65		29.37		7035.28		14.08	4.102	4.36	7.09	160.2
MW-2	16-Nov-11	7064.65		29.52		7035.13		11.60	4.021	2.48	7.51	176.2
MW-2	21-Feb-12	7064.65		29.46		7035.19		NM	NM	NM	NM	NM
MW-2	24-May-12	7064.65		29.47		7035.18		NM	NM	NM	NM	NM
MW-2	10-Sep-12	7064.65		29.84		7034.81		NM	NM	NM	NM	NM
MW-2	04-Dec-12	7064.65		30.03		7034.62		NM	NM	NM	NM	NM
MW-2	26-Mar-13	7064.65		29.60		7035.05		NM	NM	NM	NM	NM
MW-2	27-Jun-13	7064.65		30.11		7034.54		NM	NM	NM	NM	NM
MW-2	25-Sep-13	7064.65		29.28		7035.37		NM	NM	NM	NM	NM
MW-2	14-Jan-14	7064.65		29.81		7034.84		NM	NM	NM	NM	NM
MW-2	04-Apr-14	7064.65		29.84		7034.81		NM	NM	NM	NM	NM
MW-2	10-Sep-14	7064.65		29.88		7034.77		NM	NM	NM	NM	NM
MW-2	03-Dec-14	7064.65		30.24		7034.41		NM	NM	NM	NM	NM
MW-2	27-Mar-15	7064.65		29.16		7035.49		NM	NM	NM	NM	NM
MW-2	08-Dec-15	7064.65		29.90		7034.75		NM	NM	NM	NM	NM
MW-2	02-Jun-16	7064.65		29.57		7035.08		NM	NM	NM	NM	NM

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	pН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-2	20-Oct-16	7064.65		30.02		7034.63		NM	NM	NM	NM	NM
MW-2	26-Jan-17	7064.65		29.61		7035.04		NM	NM	NM	NM	NM
MW-2	14-Apr-17	7064.65		29.23		7035.42		NM	NM	NM	NM	NM
MW-2	14-Aug-17	7064.65		30.01		7034.64		12.91	3.907	2.22	7.31	168.4
MW-2	26-Mar-19	7064.65		29.29		7035.36		NM	NM	NM	NM	NM
MW-2	25-Sep-19	7064.65		30.66		7033.99		NM	NM	NM	NM	NM
MW-2	25-Mar-20	7064.65		30.04		7034.61		12.2	3.78	1.33	7.17	156.6
MW-2	23-Jun-20	7064.65		30.65		7034.00		13.1	3.76	1.02	7.24	149.7
MW-2	23-Sep-20	7064.65		31.16		7033.49		NM	NM	NM	NM	NM
MW-2	23-Nov-20	7064.65		31.25		7033.40		NM	NM	NM	NM	NM
MW-2	17-Mar-21	7064.65		31.12		7033.53		NM	NM	NM	NM	NM
MW-2	17-Jun-21	7064.65		31.38		7033.27		NM	NM	NM	NM	NM
MW-2	29-Sep-21	7064.65		31.76		7032.89		13.4	2.892	0.69	7.47	225.4
MW-2	14-Dec-21	7064.65		32.4		7032.25		NM	NM	NM	NM	NM
MW-2	08-Mar-22	7064.65		34.14		7030.51		12.4	3.437	8.0	7.2	168.2
MW-2	09-Jun-22	7064.65		31.72		7032.93		13.6	2.936	1.2	7.2	134.6
MW-2	28-Sep-22	7064.65		30.34		7034.31		14.6	3.048	2.0	7.2	215.1
MW-2	21-Dec-22	7064.65		21.02		7043.63		NM	NM	NM	NM	NM
MW-3	05-Mar-09	7064.01		27.16		7036.85		12.29	4.310	2.17	6.66	-28.2
MW-3	11-Sep-09	7064.01		27.99		7036.02		13.50	6.080	0.53	9.43	-163.6
MW-3	15-Jan-10	7064.01		28.22		7035.79		11.99	3.607	1.85	7.27	-222.5
MW-3	14-Oct-10	7064.01		28.54		7035.47		12.41	4.180	1.46	7.24	-53.1
MW-3	21-Jan-11	7064.01		28.60		7035.41		11.92	4.224	1.60	7.20	-122.5
MW-3	12-May-11	7064.01		28.21		7035.80		12.56	4.172	2.25	7.28	-145.8
MW-3	12-Aug-11	7064.01		29.02		7034.99		13.32	4.372	2.35	7.17	-158.5

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	рН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-3	16-Nov-11	7064.01		29.14		7034.87		10.87	4.326	2.17	6.53	-105.7
MW-3	21-Feb-12	7064.01		29.07		7034.94		11.36	4.481	1.01	7.09	-118.0
MW-3	24-May-12	7064.01		29.09		7034.92		13.30	4.325	0.81	7.07	-70.3
MW-3	10-Sep-12	7064.01		29.45		7034.56		13.26	4.377	2.49	7.23	-42.7
MW-3	04-Dec-12	7064.01		29.65		7034.36		12.08	4.294	0.69	7.26	-46.8
MW-3	26-Mar-13	7064.01		29.12		7034.89		11.93	2.337	5.85	7.46	59.3
MW-3	01-Jul-13	7064.01		29.74		7034.27		14.64	4.119	11.22	7.69	-36.8
MW-3	25-Sep-13	7064.01		28.65		7035.36		12.50	7.764	2.08	7.22	-79.5
MW-3	14-Jan-14	7064.01		29.38		7034.63		12.23	4.764	1.74	NM	-59.9
MW-3	10-Sep-14	7064.01		29.39		7034.62		NM	NM	NM	NM	NM
MW-3	26-Sep-14	7064.01		13.68		7050.33		12.88	2.718	2.69	7.11	27.2
MW-3	03-Dec-14	7064.01		29.83		7034.18		NM	NM	NM	NM	NM
MW-3	27-Mar-15	7064.01		28.60		7035.41		NM	NM	NM	NM	NM
MW-3	08-Dec-15	7064.01		29.45		7034.56		NM	NM	NM	NM	NM
MW-3	02-Jun-16	7064.01		29.15		7034.86		12.71	4.064	1.58	7.08	-3.2
MW-3	20-Oct-16	7064.01		29.60		7034.41		NM	NM	NM	NM	NM
MW-3	26-Jan-17	7064.01		29.09		7034.92		11.19	4.024	1.90	7.18	11.5
MW-3	14-Apr-17	7064.01		28.70		7035.31		NM	NM	NM	NM	NM
MW-3	14-Aug-17	7064.01		29.57		7034.44		12.79	4.041	2.09	7.22	33.6
MW-3	26-Mar-19	7064.01		28.64		7035.37		NM	NM	NM	NM	NM
MW-3	25-Sep-19	7064.01		30.23		7033.78		NM	NM	NM	NM	NM
MW-3	25-Mar-20	7064.01		29.56		7034.45		NM	NM	NM	NM	NM
MW-3	23-Jun-20	7064.01		30.26		7033.75		NM	NM	NM	NM	NM
MW-3	23-Sep-20	7064.01		30.78		7033.23		NM	NM	NM	NM	NM
MW-3	23-Nov-20	7064.01		30.84		7033.17		NM	NM	NM	NM	NM
MW-3	17-Mar-21	7064.01		30.71		7033.30		NM	NM	NM	NM	NM

SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	pН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-3	17-Jun-21	7064.01		30.99		7033.02		NM	NM	NM	NM	NM
MW-3	29-Sep-21	7064.01		31.38		7032.63		12.9	2.847	0.57	7.18	217.6
MW-3	14-Dec-21	7064.01		32.5		7031.51		NM	NM	NM	NM	NM
MW-3	08-Mar-22	7064.01		30.60		7033.41		12.2	3.209	13.0	7.0	34.6
MW-3	09-Jun-22	7064.01		31.31		7032.70		14.3	2.809	1.37	7.2	31.5
MW-3	28-Sep-22	7064.01		29.58		7034.43		14.30	2.805	1.34	7.06	77.5
MW-3	21-Dec-22	7064.01		30.59		7033.42		NM	NM	NM	NM	NM
MW-4	05-Mar-09	7063.72		27.39		7036.33		12.36	4.760	1.72	6.58	-29.2
MW-4	06-Apr-09	7063.72		27.58		7036.14		11.87	4.599	2.06	6.75	18.0
MW-4	10-Sep-09	7063.72		28.12		7035.60		13.09	6.337	0.81	6.98	54.6
MW-4	15-Jan-10	7063.72		28.34		7035.38		11.65	3.812	2.78	7.20	-125.1
MW-4	15-Oct-10	7063.72		28.64		7035.08		12.52	4.491	1.42	7.13	42.8
MW-4	21-Jan-11	7063.72		28.72		7035.00		11.90	4.748	1.14	7.19	5.4
MW-4	12-May-11	7063.72		28.39		7035.33		13.11	4.576	2.58	7.29	-25.8
MW-4	12-Aug-11	7063.72		29.10		7034.62		13.89	4.759	3.98	6.85	74.9
MW-4	16-Nov-11	7063.72		29.26		7034.46		11.66	4.725	2.15	7.11	153.0
MW-4	21-Feb-12	7063.72		29.22		7034.50		10.27	4.927	1.02	7.02	-11.3
MW-4	24-May-12	7063.72		29.23		7034.49		13.75	4.687	1.04	6.98	39.3
MW-4	10-Sep-12	7063.72		29.58		7034.14		NM	NM	NM	NM	NM
MW-4	04-Dec-12	7063.72		29.77		7033.95		NM	NM	NM	NM	NM
MW-4	26-Mar-13	7063.72		29.33		7034.39		NM	NM	NM	NM	NM
MW-4	27-Jun-13	7063.72		29.85		7033.87		NM	NM	NM	NM	NM
MW-4	25-Sep-13	7063.72		28.96		7034.76		NM	NM	NM	NM	NM
MW-4	14-Jan-14	7063.72		29.54		7034.18		NM	NM	NM	NM	NM
MW-4	04-Apr-14	7063.72		29.54		7034.18		12.16	0.435	2.86	6.90	89.4

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	pН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-4	10-Sep-14	7063.72		29.60		7034.12		NM	NM	NM	NM	NM
MW-4	03-Dec-14	7063.72		29.97		7033.75		NM	NM	NM	NM	NM
MW-4	27-Mar-15	7063.72		28.89		7034.83		NM	NM	NM	NM	NM
MW-4	08-Dec-15	7063.72		29.58		7034.14		NM	NM	NM	NM	NM
MW-4	02-Jun-16	7063.72		29.28		7034.44		NM	NM	NM	NM	NM
MW-4	20-Oct-16	7063.72		29.71		7034.01		NM	NM	NM	NM	NM
MW-4	26-Jan-17	7063.72		29.28		7034.44		NM	NM	NM	NM	NM
MW-4	14-Apr-17	7063.72		28.92		7034.80		NM	NM	NM	NM	NM
MW-4	14-Aug-17	7063.72		29.69		7034.03		13.07	4.219	1.98	7.17	109.7
MW-4	26-Mar-19	7063.72		28.99		7034.73		NM	NM	NM	NM	NM
MW-4	25-Sep-19	7063.72		30.35		7033.37		NM	NM	NM	NM	NM
MW-4	25-Mar-20	7063.72		29.78		7033.94		NM	NM	NM	NM	NM
MW-4	23-Jun-20	7063.72		30.39		7033.33		NM	NM	NM	NM	NM
MW-4	23-Sep-20	7063.72		30.88		7032.84		NM	NM	NM	NM	NM
MW-4	23-Nov-20	7063.72		30.95		7032.77		NM	NM	NM	NM	NM
MW-4	17-Mar-21	7063.72		30.88		7032.84		NM	NM	NM	NM	NM
MW-4	17-Jun-21	7063.72		31.10		7032.62		NM	NM	NM	NM	NM
MW-4	29-Sep-21	7063.72		31.47		7032.25		13.2	3.137	1.30	7.13	191.7
MW-4	14-Dec-21	7063.72		32.5		7031.22		NM	NM	NM	NM	NM
MW-4	08-Mar-22	7063.72		30.86		7032.86		12.3	3.635	9.0	7.0	102.8
MW-4	09-Jun-22	7063.72		31.44		7032.28		13.5	3.067	2.6	7.29	108.8
MW-4	28-Sep-22	7063.72		30.02		7033.70		14.6	3.008	1.32	7.1	118.6
MW-4	21-Dec-22	7063.72		30.74		7032.98		NM	NM	NM	NM	NM
MW-5	05-Mar-09	7064.79		28.24		7036.55		11.80	6.088	3.89	6.61	-17.3
MW-5	10-Sep-09	7064.79		28.87		7035.92		12.78	7.785	1.22	7.09	60.5

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	pН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-5	15-Jan-10	7064.79		29.10		7035.69		11.19	4.288	1.93	7.27	-85.8
MW-5	14-Oct-10	7064.79		29.38		7035.41		12.34	4.725	1.24	7.23	98.1
MW-5	21-Jan-11	7064.79		29.47		7035.32		11.93	5.038	2.71	7.31	103.9
MW-5	12-May-11	7064.79		29.17		7035.62		12.40	4.957	2.44	7.42	-44.4
MW-5	12-Aug-11	7064.79		29.84		7034.95		13.73	4.968	3.87	6.83	189.8
MW-5	16-Nov-11	7064.79		30.00		7034.79		11.16	4.814	4.47	7.18	290.4
MW-5	21-Feb-12	7064.79		29.96		7034.83		NM	NM	NM	NM	NM
MW-5	25-May-12	7064.79		29.96		7034.83		NM	NM	NM	NM	NM
MW-5	10-Sep-12	7064.79		30.31		7034.48		NM	NM	NM	NM	NM
MW-5	04-Dec-12	7064.79		30.52		7034.27		NM	NM	NM	NM	NM
MW-5	26-Mar-13	7064.79		30.14		7034.65		NM	NM	NM	NM	NM
MW-5	27-Jun-13	7064.79		30.60		7034.19		NM	NM	NM	NM	NM
MW-5	25-Sep-13	7064.79		29.87		7034.92		NM	NM	NM	NM	NM
MW-5	14-Jan-14	7064.79		30.31		7034.48		NM	NM	NM	NM	NM
MW-5	04-Apr-14	7064.79		30.30		7034.49		NM	NM	NM	NM	NM
MW-5	10-Sep-14	7064.79		30.37		7034.42		NM	NM	NM	NM	NM
MW-5	03-Dec-14	7064.79		30.70		7034.09		NM	NM	NM	NM	NM
MW-5	27-Mar-15	7064.79		29.72		7035.07		NM	NM	NM	NM	NM
MW-5	08-Dec-15	7064.79		30.36		7034.43		NM	NM	NM	NM	NM
MW-5	02-Jun-16	7064.79		30.03		7034.76		NM	NM	NM	NM	NM
MW-5	20-Oct-16	7064.79		30.47		7034.32		NM	NM	NM	NM	NM
MW-5	26-Jan-17	7064.79		30.10		7034.69		NM	NM	NM	NM	NM
MW-5	14-Aug-17	7064.79		30.45		7034.34		Unable to sample - well obstructed				
MW-5	26-Mar-19	7064.79		29.89		7034.90		NM NM NM NM NM				
MW-5	25-Sep-19	7064.79		31.06		7033.73		NM - Well Casing Damaged				
MW-5	25-Mar-20	7064.79		30.56		7034.23		NM - Well Casing Damaged				

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	pН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-5	23-Jun-20	7064.79		31.09		7033.70			NM - We	ll Casing Dam	aged	
MW-5	23-Sep-20	7064.79		31.58		7033.21		NM	NM	NM	NM	NM
MW-5	23-Nov-20	7064.79		31.66		7033.13		NM	NM	NM	NM	NM
MW-5	17-Mar-21	7064.79		31.60		7033.19		NM	NM	NM	NM	NM
MW-5	17-Jun-21	7064.79		31.81		7032.98		NM	NM	NM	NM	NM
MW-5	29-Sep-21	7064.79		32.17		7032.62			NM - We	ll Casing Dam	aged	
MW-5	14-Dec-21	7064.79		NM					NM - We	ll Casing Dam	aged	
MW-5	08-Mar-22	7064.79		31.67		7033.12			NM - We	ll Casing Dam	aged	
MW-5	09-Jun-22	7064.79		32.16		7032.63			NM - We	ll Casing Dam	aged	
MW-5	28-Sep-22	7064.79		30.99		7033.80			NM - We	ll Casing Dam	aged	
MW-5	21-Dec-22	7064.79		31.51		7033.28			NM - We	ll Casing Dam	aged	
MW-6	05-Mar-09	7049.54		12.67		7036.87		9.21	4.967	4.30	6.53	4.6
MW-6	10-Sep-09	7049.54		13.90		7035.64		11.85	6.287	1.15	7.12	75.9
MW-6	15-Jan-10	7049.54		14.02		7035.52		10.81	3.789	2.46	7.35	-66.7
MW-6	15-Oct-10	7049.54		14.39		7035.15		12.45	4.353	1.40	7.24	20.7
MW-6	21-Jan-11	7049.54		14.42		7035.12		11.59	4.516	3.10	7.32	-37.3
MW-6	12-May-11	7049.54		14.00		7035.54		10.69	4.349	1.89	7.47	-24.9
MW-6	12-Aug-11	7049.54		14.93		7034.61		11.99	4.492	4.24	7.56	0.2
MW-6	16-Nov-11	7049.54		14.99		7034.55		12.01	4.398	2.74	6.46	182.1
MW-6	21-Feb-12	7049.54		14.90		7034.64		NM	NM	NM	NM	NM
MW-6	25-May-12	7049.54		14.92		7034.62		NM	NM	NM	NM	NM
MW-6	10-Sep-12	7049.54		NM		NM			NM	- Well is Dry		
MW-6	04-Dec-12	7049.54		15.48		7034.06		NM	NM	NM	NM	NM
MW-6	26-Mar-13	7049.54		14.79		7034.75		NM	NM	NM	NM	NM
MW-6	27-Jun-13	7049.54		15.60		7033.94		NM	NM	NM	NM	NM

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	pН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-6	25-Sep-13	7049.54		14.92		7034.62		NM	NM	NM	NM	NM
MW-6	14-Jan-14	7049.54		15.17		7034.37		NM	NM	NM	NM	NM
MW-6	04-Apr-14	7049.54		15.20		7034.34		NM	NM	NM	NM	NM
MW-6	10-Sep-14	7049.54		15.06		7034.48		NM	NM	NM	NM	NM
MW-6	03-Dec-14	7049.54		15.66		7033.88		NM	NM	NM	NM	NM
MW-6	27-Mar-15	7049.54		14.09		7035.45		NM	NM	NM	NM	NM
MW-6	08-Dec-15	7049.54		15.21		7034.33		NM	NM	NM	NM	NM
MW-6	02-Jun-16	7049.54		14.92		7034.62		NM	NM	NM	NM	NM
MW-6	20-Oct-16	7049.54		15.41		7034.13		NM	NM	NM	NM	NM
MW-6	26-Jan-17	7049.54		14.69		7034.85		NM	NM	NM	NM	NM
MW-6	07-Aug-17	7064.10					Plugged	d and Aban	doned			
MW-7	06-Mar-09	7062.80		26.34		7036.46		11.40	4.951	2.17	6.50	-3.3
MW-7	10-Sep-09	7062.80		27.23		7035.57		12.61	6.288	1.03	7.05	51.0
MW-7	15-Jan-10	7062.80		27.44		7035.36		11.02	3.820	2.92	7.27	-66.3
MW-7	14-Oct-10	7062.80		27.76		7035.04		12.79	4.047	1.24	7.19	68.6
MW-7	21-Jan-11	7062.80		27.82		7034.98		10.79	4.205	2.22	7.37	42.0
MW-7	12-May-11	7062.80		27.46		7035.34		12.80	4.118	1.73	7.38	-70.4
MW-7	12-Aug-11	7062.80		28.24		7034.56		13.88	4.119	2.90	7.30	112.8
MW-7	16-Nov-11	7062.80		28.38		7034.42		11.24	4.077	2.75	6.32	168.0
MW-7	21-Feb-12	7062.80		28.31		7034.49		NM	NM	NM	NM	NM
MW-7	24-May-12	7062.80		28.34		7034.46		NM	NM	NM	NM	NM
MW-7	10-Sep-12	7062.80		28.69		7034.11		NM	NM	NM	NM	NM
MW-7	04-Dec-12	7062.80		28.86		7033.94		NM	NM	NM	NM	NM
MW-7	26-Mar-13	7062.80		28.33		7034.47		NM	NM	NM	NM	NM
MW-7	27-Jun-13	7062.80		28.97		7033.83		NM	NM	NM	NM	NM

Animas Environmental Services, LLC

2022.12.21 Labs

SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	pН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-7	25-Sep-13	7062.80		27.78		7035.02		NM	NM	NM	NM	NM
MW-7	14-Jan-14	7062.80		28.61		7034.19		NM	NM	NM	NM	NM
MW-7	04-Apr-14	7062.80		28.62		7034.18		NM	NM	NM	NM	NM
MW-7	10-Sep-14	7062.80		28.58		7034.22		NM	NM	NM	NM	NM
MW-7	03-Dec-14	7062.80		29.02		7033.78		NM	NM	NM	NM	NM
MW-7	27-Mar-15	7062.80		27.76		7035.04		NM	NM	NM	NM	NM
MW-7	08-Dec-15	7062.80		28.62		7034.18		NM	NM	NM	NM	NM
MW-7	02-Jun-16	7062.80		28.34		7034.46		NM	NM	NM	NM	NM
MW-7	20-Oct-16	7062.80		28.79		7034.01		NM	NM	NM	NM	NM
MW-7	26-Jan-17	7062.80		28.24		7034.56		NM	NM	NM	NM	NM
MW-7	07-Aug-17	7064.10					Plugge	d and Abar	doned			
MW-8	06-Mar-09	7063.27		27.49		7035.78		11.91	4.731	2.14	6.40	-4.4
MW-8	10-Sep-09	7063.27		28.14		7035.13		13.53	5.987	1.12	8.51	-93.2
MW-8	15-Jan-10	7063.27		28.39		7034.88		11.43	2.891	1.86	6.68	-162.2
MW-8	15-Oct-10	7063.27		28.70		7034.57		12.80	4.017	1.21	7.04	-39.1
MW-8	21-Jan-11	7063.27		28.80		7034.47		12.30	4.002	1.55	7.08	-91.2
MW-8	12-May-11	7063.27		28.52		7034.75		13.16	3.966	1.60	7.16	-121.2
MW-8	12-Aug-11	7063.27		29.19		7034.08		13.85	4.194	3.45	6.97	-148.3
MW-8	16-Nov-11	7063.27		29.35		7033.92		11.49	4.218	2.57	6.49	-115.4
MW-8	21-Feb-12	7063.27		29.31		7033.96		12.21	4.500	0.88	6.96	-116.0
MW-8	24-May-12	7063.27		29.34		7033.93		13.43	4.402	0.65	6.93	-41.2
MW-8	10-Sep-12	7063.27		29.68		7033.59		12.98	4.499	1.34	7.12	-27.3
MW-8	04-Dec-12	7063.27		29.87		7033.40		12.53	3.045	3.78	7.13	-3.1
MW-8	26-Mar-13	7063.27		29.47		7033.80		12.65	4.449	4.10	6.95	22.0
MW-8	27-Jun-13	7063.27		29.97		7033.30		14.39	6.908	8.14	7.01	-43.6

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	pН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-8	25-Sep-13	7063.27		29.14		7034.13		NM	NM	NM	NM	NM
MW-8	14-Jan-14	7063.27		29.65		7033.62		NM	NM	NM	NM	NM
MW-8	04-Apr-14	7063.27		29.64		7033.63		13.14	0.424	1.70	6.80	-14.9
MW-8	04-Apr-14	7063.27		29.68		7033.59		NM	NM	NM	NM	NM
MW-8	03-Dec-14	7063.27		30.00		7033.27		NM	NM	NM	NM	NM
MW-8	27-Mar-15	7063.27		29.02		7034.25		NM	NM	NM	NM	NM
MW-8	08-Dec-15	7063.27		29.59		7033.68		NM	NM	NM	NM	NM
MW-8	02-Jun-16	7063.27		29.31		7033.96		NM	NM	NM	NM	NM
MW-8	20-Oct-16	7063.27		29.72		7033.55		NM	NM	NM	NM	NM
MW-8	26-Jan-17	7063.27		29.33	29.33 7033.94 NM NM NM NM							
MW-8	07-Aug-17	7064.10					Plugged	d and Aban	doned			
MW-9	06-Mar-09	7062.60		27.60		7035.00		9.47	5.418	5.12	6.39	-1.8
MW-9	06-Apr-09	7062.60		27.74		7034.86		11.86	5.174	2.24	6.72	25.2
MW-9	10-Sep-09	7062.60		28.19		7034.41		13.10	7.257	0.86	7.03	-129.8
MW-9	15-Jan-10	7062.60		28.42		7034.18		10.89	3.960	2.29	7.13	-187.4
MW-9	15-Oct-10	7062.60		28.74		7033.86		12.85	4.561	1.89	7.17	-74.4
MW-9	21-Jan-11	7062.60		28.85		7033.75		12.67	4.452	1.34	7.16	-90.8
MW-9	12-May-11	7062.60		28.61		7033.99		13.12	4.120	2.31	7.28	-94.1
MW-9	12-Aug-11	7062.60		29.22		7033.38		12.92	4.492	5.42	7.33	-132.7
MW-9	16-Nov-11	7062.60		29.41		7033.19		11.80	4.402	2.67	5.56	-75.1
MW-9	21-Feb-12	7062.60		29.39		7033.21		11.89	4.241	1.37	6.95	-127.0
MW-9	24-May-12	7062.60		29.39		7033.21		13.68	4.470	0.80	7.08	-56.4
MW-9	10-Sep-12	7062.60		29.73		7032.87		13.41	4.439	1.41	7.13	-52.2
MW-9	04-Dec-12	7062.60		29.90		7032.70		12.87	4.374	1.34	7.19	-60.5
MW-9	26-Mar-13	7062.60		29.56		7033.04		12.57	4.396	1.24	6.72	-15.8

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	рН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-9	27-Jun-13	7062.60		30.00		7032.60		20.04	6.761	2.38	7.10	-48.5
MW-9	25-Sep-13	7062.60		29.28		7033.32		13.08	8.437	2.44	7.19	-84.6
MW-9	14-Jan-14	7062.60		29.68		7032.92		12.61	5.160	1.11	NM	-54.8
MW-9	04-Apr-14	7062.60		29.69		7032.91		12.89	0.407	2.81	6.89	-48.2
MW-9	10-Sep-14	7062.60		29.72		7032.88		NM	NM	NM	NM	NM
MW-9	03-Dec-14	7062.60		30.00		7032.60		NM	NM	NM	NM	NM
MW-9	27-Mar-15	7062.60		29.12		7033.48		NM	NM	NM	NM	NM
MW-9	08-Dec-15	7062.60		29.55		7033.05		NM	NM	NM	NM	NM
MW-9	02-Jun-16	7062.60		29.29		7033.31		NM	NM	NM	NM	NM
MW-9	20-Oct-16	7062.60		29.69		7032.91		NM	NM	NM	NM	NM
MW-9	26-Jan-17	7062.60		29.32		7033.28		NM	NM	NM	NM	NM
MW-9	07-Aug-17	7064.10					Plugged	d and Abar	doned			
MW-10	09-Mar-09	7063.27		26.25		7037.02		10.51	4.572	3.44	6.62	15.6
MW-10	10-Sep-09	7063.27		27.10		7036.17		12.62	5.133	1.83	6.97	80.7
MW-10	15-Jan-10	7063.27		27.29		7035.98		10.82	3.210	2.47	7.10	-99.3
MW-10	14-Oct-10	7063.27		27.61		7035.66		11.98	3.811	1.80	7.22	119.2
MW-10	21-Jan-11	7063.27		27.66		7035.61		10.73	3.946	1.78	7.45	90.1
MW-10	12-May-11	7063.27		27.28		7035.99		12.26	3.839	1.34	7.26	84.9
MW-10	12-Aug-11	7063.27		28.08		7035.19		12.84	3.948	4.99	6.62	175.8
MW-10	16-Nov-11	7063.27		28.20		7035.07		10.81	3.912	2.81	6.17	190.7
MW-10	21-Feb-12	7063.27		28.13		7035.14		NM	NM	NM	NM	NM
MW-10	24-May-12	7063.27		28.15		7035.12		NM	NM	NM	NM	NM
MW-10	10-Sep-12	7063.27		28.54		7034.73		NM	NM	NM	NM	NM
MW-10	04-Dec-12	7063.27		28.72		7034.55		NM	NM	NM	NM	NM
MW-10	26-Mar-13	7063.27		28.20		7035.07		NM	NM	NM	NM	NM

SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	рН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-10	27-Jun-13	7063.27		28.79		7034.48		NM	NM	NM	NM	NM
MW-10	25-Sep-13	7063.27		27.80		7035.47		NM	NM	NM	NM	NM
MW-10	14-Jan-14	7063.27		28.44		7034.83		NM	NM	NM	NM	NM
MW-10	04-Apr-14	7063.27		28.46		7034.81		NM	NM	NM	NM	NM
MW-10	10-Sep-14	7063.27		28.48		7034.79		NM	NM	NM	NM	NM
MW-10	03-Dec-14	7063.27		28.92		7034.35		NM	NM	NM	NM	NM
MW-10	27-Mar-15	7063.27		27.70		7035.57		NM	NM	NM	NM	NM
MW-10	08-Dec-15	7063.27		28.56		7034.71		NM	NM	NM	NM	NM
MW-10	02-Jun-16	7063.27		28.22		7035.05		NM	NM	NM	NM	NM
MW-10	20-Oct-16	7063.27		28.70		7034.57		NM	NM	NM	NM	NM
MW-10	26-Jan-17	7063.27		28.19		7035.08		NM	NM	NM	NM	NM
MW-10	07-Aug-17	7064.10					Plugge	d and Abar	idoned			
MW-11	09-Mar-09	7064.10		28.33		7035.77		11.47	5.730	3.52	6.63	17.1
MW-11	10-Sep-09	7064.10		28.88		7035.22		13.32	7.785	0.67	7.02	61.2
MW-11	15-Jan-10	7064.10		29.13		7034.97		10.20	3.995	1.86	7.16	-59.2
MW-11	14-Oct-10	7064.10		29.44		7034.66		13.00	4.901	1.93	7.20	94.5
MW-11	21-Jan-11	7064.10		29.53		7034.57		11.55	4.937	1.75	7.37	216.0
MW-11	12-May-11	7064.10		29.25		7034.85		12.97	4.701	2.71	7.41	-16.0
MW-11	12-Aug-11	7064.10		29.89		7034.21		12.89	4.872	3.24	7.39	122.2
MW-11	16-Nov-11	7064.10		30.07		7034.03		11.49	4.762	3.61	7.00	307.9
MW-11	21-Feb-12	7064.10		30.04		7034.06		NM	NM	NM	NM	NM
MW-11	24-May-12	7064.10		30.06		7034.04		NM	NM	NM	NM	NM
MW-11	10-Sep-12	7064.10		30.38		7033.72		NM	NM	NM	NM	NM
MW-11	04-Dec-12	7064.10		30.58		7033.52		NM	NM	NM	NM	NM
MW-11	26-Mar-13	7064.10		30.23		7033.87		NM	NM	NM	NM	NM

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SUMMARY OF GROUNDWATER MEASUREMENT AND WATER QUALITY DATA

BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

		Top of				Water						
	Date	Casing	Depth to	Depth to	NAPL	Level	Corrected		Specific	Dissolved		
Well ID	Measured	Elevation	NAPL	Water	Thickness	Elevation	GW Elev.	Тетр.	Conduct.	Oxygen	рН	ORP
		(ft amsl)	(ft)	(ft)	(ft)	(ft amsl)	(ft)	(°C)	(mS)	(mg/L)		(mV)
MW-11	27-Jun-13	7064.10		30.66		7033.44		NM	NM	NM	NM	NM
MW-11	25-Sep-13	7064.10		30.00		7034.10		NM	NM	NM	NM	NM
MW-11	14-Jan-14	7064.10		30.39		7033.71		NM	NM	NM	NM	NM
MW-11	04-Apr-14	7064.10		30.36		7033.74		NM	NM	NM	NM	NM
MW-11	10-Sep-14	7064.10		30.42		7033.68		NM	NM	NM	NM	NM
MW-11	03-Dec-14	7064.10		30.73		7033.37		NM	NM	NM	NM	NM
MW-11	27-Mar-15	7064.10		29.83		7034.27		NM	NM	NM	NM	NM
MW-11	08-Dec-15	7064.10		30.34		7033.76		NM	NM	NM	NM	NM
MW-11	02-Jun-16	7064.10		30.04		7034.06		NM	NM	NM	NM	NM
MW-11	20-Oct-16	7064.10		30.45		7033.65		NM	NM	NM	NM	NM
MW-11	26-Jan-17	7064.10		30.10		7034.00		NM	NM	NM	NM	NM
MW-11	07-Aug-17	7064.10					Plugge	d and Abar	doned			

NOTES: NA NOT AVAILABLE

NM NOT MEASURED

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS -VOLATILE ORGANICS AND PETROLEUM HYDROCARBONS BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

	Date			Ethyl-	Total	TPH-	TPH-	TPH-
Well ID	Sampled	Benzene	Toluene	benzene	Xylenes	GRO	DRO	MRO
		(μg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)
Analy	Analytical Method		8021B/ 8260B	8021B/ 8260B	8021B/ 8260B	8015B	8015B	8015B
New N	Aexico WQCC	5	1,000	700	620	NE	NE	NE
MW-1	05-Mar-09	310	91	5.1	200	2.1	<1.0	<5.0
MW-1	11-Sep-09	1,500	1.1	48	170	4.8	<1.0	<5.0
MW-1	15-Jan-10	630	<5.0	19	47	2.1	<1.0	<5.0
MW-1	15-Oct-10	960	53	37	94	4.1	<1.0	<5.0
MW-1	21-Jan-11	3,600	<10	140	160	10	<1.0	<5.0
MW-1	12-May-11	7,800	42	270	33	19	<1.0	<5.0
MW-1	12-Aug-11	280	<1.0	18	<2.0	1.2	<1.0	<5.0
MW-1	16-Nov-11	2,700	<5.0	76	<10	3.9	<1.0	<5.0
MW-1	21-Feb-12	360	<1.0	54	<2.0	1.2	<1.0	<5.0
MW-1	24-May-12	210	2.1	31	5.1	0.59	<1.0	<5.0
MW-1	10-Sep-12	54	<2.0	36	<4.0	0.45	<1.0	<5.0
MW-1	04-Dec-12	<2.0	<2.0	17	<4.0	0.19	<1.0	<5.0
MW-1	26-Mar-13	1.2	<1.0	1.8	<2.0	<0.050	<1.0	<5.0
MW-1	01-Jul-13	1.6	<1.0	6.5	<2.0	0.090	<1.0	<5.0
MW-1	25-Sep-13	180	2.9	36	8.8	0.53	<1.0	<5.0
MW-1	14-Jan-14	14	<2.0	15	<4.0	0.21	<1.0	<5.0
MW-1	NS	S - Residual	NAPL Prese	ent April 201	L4 through I	Decembe	r 2018	
MW-1	26-Mar-19	340	62	35	370	6.1	2.1	<5.0
MW-1	25-Sep-19	88	9.8	7.7	86	2.0	6.0	<5.0
MW-1	25-Mar-20	220	12	16	89	2.3	<1.0	<5.0
MW-1	23-Jun-20	760	17	45	280	7.7	<1.0	<5.0
MW-1	23-Sep-20	9.7	1.6	3.2	36	0.35	4.7	<5.0
MW-1	23-Nov-20	110	3.1	20	130	3.6	1.0	<5.0
MW-1	17-Mar-21	160	3.1	15	150	8.1	2.6	<5.0
MW-1	17-Jun-21	14	<2.0	<2.0	11	0.28	<1.0	<5.0
MW-1	29-Sep-21	190	<1.0	6.0	32	1.8	1.1	<5.0
MW-1	14-Dec-21	54	<2.0	2.2	10	NA	NA	NA
MW-1	08-Mar-22	180	<1.0	6.5	32	NA	NA	NA
MW-1	09-Jun-22	76	<1.0	4.4	3.0	NA	NA	NA
MW-1	28-Sep-22	160	4.3	6.6	39	NA	NA	NA
MW-1	21-Dec-22	380	<10	11	20	3.1	NA	NA
MW-2	05-Mar-09	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	10-Sep-09	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0

Animas Environmental Services, LLC 2022.12.21 Labs

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS -VOLATILE ORGANICS AND PETROLEUM HYDROCARBONS BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

	Date			Ethyl-	Total	TPH-	TPH-	TPH-
Well ID	Sampled	Benzene	Toluene	benzene	Xylenes	GRO	DRO	MRO
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)
Analy	rtical Method	8021B/ 8260B	8021B/ 8260B	8021B/ 8260B	8021B/ 8260B	8015B	8015B	8015B
New N	New Mexico WQCC		1,000	700	620	NE	NE	NE
MW-2	15-Jan-10	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	14-Oct-10	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	21-Jan-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	12-May-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	12-Aug-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	16-Nov-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-2	14-Aug-17	<1.0	<1.0	<1.0	<1.5	NA	NA	NA
MW-3	05-Mar-09	400	1,100	110	1,300	8.2	3.4	<5.0
MW-3	11-Sep-09	380	27	26	61	4.2	9.6	6.0
MW-3	15-Jan-10	750	11	34	<20	3.4	7.0	6.1
MW-3	14-Oct-10	140	<1.0	6.8	2.8	0.76	1.9	<5.0
MW-3	21-Jan-11	280	<1.0	24	9.1	1.7	3.5	<5.0
MW-3	12-May-11	980	<1.0	42	<2.0	3.0	4.8	<5.0
MW-3	12-Aug-11	51	<1.0	4.2	<2.0	0.38	<1.0	<5.0
MW-3	16-Nov-11	63	<1.0	6.0	<2.0	0.46	3.3	<5.0
MW-3	21-Feb-12	4.8	<1.0	<1.0	<2.0	0.18	<1.0	<5.0
MW-3	24-May-12	50	<1.0	3.0	<2.0	0.33	<1.0	<5.0
MW-3	10-Sep-12	6.2	<2.0	<2.0	<4.0	0.29	<1.0	<5.0
MW-3	04-Dec-12	<2.0	<2.0	<2.0	<4.0	0.26	<1.0	<5.0
MW-3	26-Mar-13	2.5	<1.0	<1.0	<2.0	0.23	<1.0	<5.0
MW-3	01-Jul-13	<1.0	<1.0	<1.0	<2.0	0.11	<1.0	<5.0
MW-3	25-Sep-13	30	<1.0	1.5	3.2	0.23	<1.0	<5.0
MW-3	14-Jan-14	<1.0	<1.0	<1.0	<2.0	0.12	<1.0	<5.0
MW-3	04-Apr-14	<1.0	<1.0	<1.0	<2.0	0.20	<1.0	<5.0
MW-3	26-Sep-14	<1.0	<1.0	<1.0	<2.0	0.095	<1.0	<5.0
MW-3	27-Mar-15	<1.0	<1.0	<1.0	<2.0	0.056	1.1	<5.0
MW-3	15-Sep-15	<1.0	<1.0	<1.0	<1.5	0.130	<1.0	<5.0
MW-3	02-Jun-16	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-3	26-Jan-17	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-3	21-Jun-17	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-3	14-Aug-17	<1.0	<1.0	<1.0	<1.5	NA	NA	NA
MW-4	05-Mar-09	2.7	1.4	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	06-Apr-09	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0

Animas Environmental Services, LLC 2022.12.21 Labs

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS -VOLATILE ORGANICS AND PETROLEUM HYDROCARBONS BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE

Rio Arriba County, New Mexico

	Date			Ethyl-	Total	TPH-	TPH-	TPH-
Well ID	Sampled	Benzene	Toluene	benzene	Xylenes	GRO	DRO	MRO
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)
Analy	rtical Method	8021B/ 8260B	8021B/ 8260B	8021B/ 8260B	8021B/ 8260B	8015B	8015B	8015B
New N	Aexico WQCC	5	1,000	700	620	NE	NE	NE
MW-4	10-Sep-09	13	<1.0	<1.0	<2.0	0.051	<1.0	<5.0
MW-4	15-Jan-10	8.6	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	15-Oct-10	6.3	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	21-Jan-11	3.6	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	12-May-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	12-Aug-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	16-Nov-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	21-Feb-12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	24-May-12	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	04-Apr-14	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-4	14-Aug-17	<1.0	<1.0	<1.0	<1.5	NA	NA	NA
MW-5	05-Mar-09	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-5	10-Sep-09	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-5	15-Jan-10	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-5	14-Oct-10	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-5	21-Jan-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-5	12-May-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-5	12-Aug-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-5	16-Nov-11	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-5	14-Aug-17		Una	ble to Samp	ole - Well Ol	ostructed	-	
MW-6	06-Mar-09	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-6	07-Aug-17		-	Plugged a	nd Abandoi	ned	-	
MW-7	06-Mar-09	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-7	07-Aug-17			Plugged a	nd Abandoı	ned		
MW-8	06-Mar-09	160	170	12	350	2.1	1.5	<5.0
MW-8	07-Aug-17			Plugged a	nd Abandoı	ned		
MW-9	06-Mar-09	170	350	49	530	2.5	<1.0	<5.0
MW-9	07-Aug-17			Plugged a	nd Abandoı	ned		
MW-10	09-Mar-09	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0

Animas Environmental Services, LLC 2022.12.21 Labs

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS -VOLATILE ORGANICS AND PETROLEUM HYDROCARBONS BMG HWY 537 TRUCK RECEIVING STATION 2009 RELEASE Rio Arriba County, New Mexico

	Date			Ethyl-	Total	TPH-	TPH-	TPH-
Well ID	Sampled	Benzene	Toluene	benzene	Xylenes	GRO	DRO	MRO
		(µg/L)	(µg/L)	(µg/L)	(µg/L)	(mg/L)	(mg/L)	(mg/L)
Analy	8021B/ 8260B	8021B/ 8260B	8021B/ 8260B	8021B/ 8260B	8015B	8015B	8015B	
New N	5	1,000	700	620	NE	NE	NE	
MW-10	07-Aug-17			Plugged a	nd Abandoi	ned		
MW-11	09-Mar-09	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0
MW-11	07-Aug-17			Plugged a	nd Abandoi	ned		
Downgradient								
MW-7*	09-Mar-09	<1.0	<1.0	<1.0	<2.0	<0.050	<1.0	<5.0

NOTES: NA = Not Analyzed

NE = Not Established

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil Range Organics

* Monitoring Well from HWY 537 '06-'07 spill

Figures



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Released to Imaging: 8/3/2023 1:30:43 PM







Released to Imaging: 8/3/2023 1:30:43 PM



vived by OCD: 4/3/2023 9:12:43 AM Re

Graphs



Appendix

		TH TO GRO IEASUREME	UNDWATER		Animas Environmental Services 624 E. Comanche St, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022
Project: Site: Location: Tech:	BMG	2009 Release	g		Project No.: Date: 03/08/2028 Time: 1050 Form: 1 of 1
Well ID	Time	Depth to NAPL (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Notes / Observations
MW-1	13:00	30.41	30.42	2.01	2" Well SHEEN - sock replaced
MW-2	11:09		34.14		2" Well
MW-3	11:47		30.60		2" Well
MW-4	12:21		30.86		2" Well
MW-5	10157		31.67		2" Well
					decontaminated between each well measurement.

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Received by	OCD :	4/3/2023	9:12:43	AM
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	ITORING V tor Well No:	VELL SAMPLII MW-		RD	62	Animas Environme 4 E Comanche St., Farm Tel. (505) 564-2281 Fax	ington NM 87401
Site:	BMG					Project No.:	
	2009 Release	2				Date: 03-08	-2022
	and the second sec	r Monitoring and	Sampling	200-1		Arrival Time: 10:54	4
	g Technician:		1 0			Air Temp: 28°	Sunny
	e / No Purge:				т.с).C. Elev. (ft): 7064	4.79
	iameter (in):				Total We	ell Depth (ft): ?	?
Initia	al D.T.W. (ft):	70:07	Time:	10:5	7	(taken at initial gaugin	ng of all wells)
		31:67		11:00)		
Fina	al D.T.W. (ft):	31,67	Time:	11:00		(taken after sample co	
If N	APL Present	: D.T.P.:	D.T.W.:	<	Thie	ckness: Tim	e:
		Water Qualit	y Paramete	ers - Rec	orded D	uring Well Purging	
		1		YSI #_/	1	1	
Time	Temp	Conductivity	DO	рН	ORP	PURGED VOLUME	Notes/Observations
Time	(deg C)	(µS) (mS)	(mg/L)	Pros	(mV)	(see reverse for calc.)	
	.1/1						
	NA						
	1						
-				-			
				-			
					-		
				1000	1		
					1		
				1			
					1		
				-	-		
_							
				-	-		
				1000	1		
1	Analytical Pa	rameters (includ	e analysis r	nethod	and num	ber and type of sample	e containers)
					_		
		Disposal of Purg	ed Water:	NIA			
50	lected Same	oles Stored on Ice		/			
cu							
	Chain of	Custody Record			• 1. John 1.		Alleurus NINA
			100 C (100 C)			ntal Analysis Laboratory	
Equip	ment Used D					iterface Level, YSI Wate	r Quality Meter
_	_	and Ne	w Disposab				
lotes/Con	nments: //	nu has be	een da	image	1 64	cattle in a	RVIA
nom	ater au	ality room	1405	1	/		
in an	10 7	17000	1				

Received by	OCD: 4	4/3/2023	9:12:43	AM
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MON	ITORING V	VELL SAMPLI	NG REC	ORD	ļ	Animas Environme	ntal Services		
Mon	itor Well No:	MW	-2		624 E Comanche St., Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022				
Site:	BMG				Project No.:				
	2009 Release					Date: 03/08/	2022		
		Monitoring and	d Sampling		- /	Arrival Time: 11:65			
	g Technician:				-	Air Temp: 28° 5			
Purg	e / No Purge:	Dave			т.о	.C. Elev. (ft): 7064			
Well	Diameter (in):	2		-	Total We	ell Depth (ft): ~44	.00		
	al D.T.W. (ft):		Time:	11:09		(taken at initial gaugin			
		34-14		11:10		(taken prior to purging			
	al D.T.W. (ft):		Time:	11:39		(taken after sample co			
	VAPL Present:	the Association of the Associati	 Comparison 	<u>.:</u>		[1] S. and W. and S. and S. Samuel and M. S. Coller, "	e:		
						uring Well Purging			
		water Quali	ty Parame	YSI # /	orded Di	aring wen Furging			
	1			151#_[000	PURGED VOLUME			
Time	Temp	Conductivity	DO	pH	ORP		Notes/Observation		
	(deg C)	(µS) (mS)	(mg/L)	-	(mV)	(see reverse for calc.)	Chan No odor		
11:18	12.8	3522	8.4	7.2	150.6	, 25	No. in the second second		
11:23	12.6	3471	15.8	7.2	152.3	1 gallous	SAIA.		
	12.6	2100	343	74	166.2	Zalla	Tan no oper		
11:26	the second se	3351	8.2	7.2			Turbed S. A.A		
1:30	11.8				177.4	gallon	5.44		
11:34	12.4	3437	8.0	7.2	168.2	4 gallons	5.00		
		1			1.1.2.1		1		
_				1					
-			1						
				-	1				
					-				
					3				
					1				
-	Analytical Pa	ameters (includ	de analysis	method	and num	ber and type of sample	e containers)		
	All of the second		1960 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	10 1 2 1 1 P					
_									
				_	_				
		Disposal of Pur	ged Water	r: NA					
Co	ollected Samp	les Stored on Ic	e in Coolei	r: NA					
		Custody Record							
	chain or				ironmon	tal Analysis Laboratory	Albuquerque NM		
-						tal Analysis Laboratory	and a state of the second second		
Equip	oment Used D			2.7.5. 27. 5 Ave. 1		terface Level, YSI Wate	r Quality Meter		
-		and Ne	ew Disposa						
Notes/Cor	nments: /	alatet.	Augar.	4.8 00	llous	~ 5.0			
		and the former of	1	1					

Received l	by OCD:	4/3/2023	9:12:43	AM
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Tel. (505) 564-2281 Fax (505) 324-2023Site: BMGProject No.:Location: 2009 ReleaseDate: $//43$ Project: Groundwater Monitoring and SamplingArrival Time: 208202.2 Sampling Technician: $//43$ Purge / No Purge: $//43$ Purge / No Purge: $//43$ Nell Diameter (in):2Initial D.T.W. (ft): 3060 Time: $//48$ (taken at initial gauging of all wells)Confirm D.T.W. (ft): 3060 Time: $//48$ (taken at initial gauging of all wells)Confirm D.T.W. (ft): 3060 Time: $//48$ (taken at initial gauging of all wells)Confirm D.T.W. (ft): 3060 Time: $//48$ (taken after sample collection)If NAPL Present:D.T.P.:D.T.W.:Thickness:Time: $//48$ Vater Quality Parameters - Recorded During Well PurgingVSI #Time(deg C)(μ S) (mS)(mg/L)pH(mV)(see reverse for calc.)(deg C) $(\mu$ S) (mS)(mV)(see reverse for calc.)(deg C) $(\mu$ S) (mS)(mV) $(see reverse for calc.)$	Tel. (505) 564-2281 Fax (505) 324-2022 MG Project No.: D09 Release Date: $// -4/3$ roundwater Monitoring and Sampling Arrival Time: $2, -08 - 202.2$ MG Date: $// -4/3$ Technician: 4 reprint the technician: 4 Trechnician: 4 Total Well Depth (ft): 28^{-6} 7064.01 Total Well Depth (ft): 43.02 D.T.W. (ft): 30.60 Time: $1/247$ (taken prior to purging well) D.T.W. (ft): 30.60 Time: $1/247$ (taken after sample collection) PL Present: D.T.W.: Thickness: Water Quality Parameters - Recorded During Well Purging YSI #	Site: Location: Project: Samplin Purge Well D	BMG 2009 Release	IVIVV	-3	-	62	4 E Comanche St., Farm	ington NIVI 8/401			
Site: BMGProject No.:Location: 2009 ReleaseDate: $//.43$ Project: Groundwater Monitoring and SamplingArrival Time: $208-202.2$ Sampling Technician: $//2$ Purge / No Purge: $//2$ $//2$ $//2$ $//2$ $//2$ Well Diameter (in):2Initial D.T.W. (ft): 30.60 Time: $//2$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Location: Project: Samplin Purgo Well D	2009 Release									
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	D09 ReleaseDate: $//.43$ roundwater Monitoring and SamplingArrival Time: $2.08.2022$ Technician: 40 40 40 100 Purge: $40x_{92}$ 100 100 100 Purge: $40x_{92}$ 100 100 100 Purge: 100 100 100 <t< td=""><td>Location: Project: Samplin Purgo Well D</td><td>2009 Release</td><td></td><td></td><td></td><td>1</td><td></td><td>(505) 524-2022</td></t<>	Location: Project: Samplin Purgo Well D	2009 Release				1		(505) 524-2022			
Project:Groundwater Monitoring and SamplingArrival Time: $2 - 08 - 2022^{d}$ Sampling Technician: 40^{d} 40^{d} 40^{d} Air Temp: $20^{d} - 20^{d} - 20^{d} - 20^{d}$ Purge / No Purge: 40^{d} 40^{d} 10^{d} 10^{d} 10^{d} 10^{d} Well Diameter (in): 2 10^{d} 10^{d} 10^{d} 10^{d} 10^{d} Initial D.T.W. (ft): 30.60^{d} Time: 11^{d} $(1248 \ at entitial gauging of all wells)$ Confirm D.T.W. (ft): 30.60^{d} Time: 11^{d} $(1248 \ at entitial gauging of all wells)$ Final D.T.W. (ft): 30.60^{d} Time: 12^{d} $(1248 \ at entitial gauging of all wells)$ Final D.T.W. (ft): 30.60^{d} Time: 12^{d} $(1248 \ at entitial gauging of all wells)$ If NAPL Present:D.T.P.:D.T.W.:Thickness:Time:Vater Quality Parameters - Recorded During Well PurgingVSI #	roundwater Monitoring and SamplingArrival Time: $2 - 08 - 202 - 2^{b}$ Technician: 40^{b} Air Temp: 28^{a} $202 - 2^{b}$ / No Purge: 40^{b} T.O.C. Elev. (ft): 7064.01 / meter (in): 2 Total Well Depth (ft): 43.0^{b} D.T.W. (ft): 30.60 Time: 11.47 (taken at initial gauging of all wells)D.T.W. (ft): 30.60 Time: 11.48 (taken at initial gauging of all wells)D.T.W. (ft): 30.60 Time: 12.08 (taken after sample collection)PL Present:D.T.P.:D.T.W.:Thickness:Time:VSI #TempConductivityDOpHORPPURGED VOLUMENotes/Observation(deg C)(µS) (mS)(mg/L)PH(mV)(see reverse for calc.)Notes/Observation (3.9) 3.453 5.7 7.0 88.7 $.25$ $Clean2.032.048.77.130.42.9415.4^{b}2.032.048.77.130.42.9415.4^{b}$	Project: Samplin Purgo Well D										
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Technician: $\frac{1}{30}$ Air Temp: $\frac{28^{\circ}}{50000000000000000000000000000000000$	Samplin Purge Well D	Groundwater		d Sampling		-					
Purge / No Purge:T.O.C. Elev. (ft):7064.01Well Diameter (in):2Total Well Depth (ft): $\frac{123.02}{43.02}$ Initial D.T.W. (ft): 30.60 Time: 11247 (taken at initial gauging of all wells)Confirm D.T.W. (ft): 30.60 Time: 11247 (taken at initial gauging of all wells)Confirm D.T.W. (ft): 31.02 Time: 12209 (taken after sample collection)Initial D.T.W. (ft): 31.02 Time: 12209 (taken after sample collection)If NAPL Present:D.T.P.:D.T.W.:Time:Time: 12209 (taken after sample collection)If me 12209 (taken after sample collection)If MAPL Present:D.T.W.:Time: 12209 Notes/ObserVSI #TimeConductivity DOpHORPPURGED VOLUMENotes/Obser 11248 3309 4.3 7.0 $8%./$ $.25$ 11209 11248 3204 <th <="" colspan="2" td=""><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>Purge Well D</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td> <td>Purge Well D</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Purge Well D								
Total Well Depth (ft): \underline{Q} \underline{D} Initial D.T.W. (ft): $\underline{30.60}$ Time: $\underline{11.47}$ (taken at initial gauging of all wells)Confirm D.T.W. (ft): $\underline{30.60}$ Time: $\underline{11.48}$ (taken at initial gauging of all wells)Final D.T.W. (ft): $\underline{31.602}$ Time: $\underline{11.48}$ (taken after sample collection)If NAPL Present: D.T.P.:D.T.W.:Thickness:Time: $\underline{12.08}$ (taken after sample collection)Water Quality Parameters - Recorded During Well PurgingVSI #Time: $\underline{12.08}$ (taken after sample collection)ITime: $\underline{12.08}$ (taken after sample collection)ITime: $\underline{12.08}$ (taken after sample collection)Water Quality Parameters - Recorded During Well PurgingVSI #Time: $\underline{12.08}$ (taken after sample collection)III #Time: $\underline{12.08}$ (taken after sample collection)VSI #Time: $\underline{12.08}$ (taken after sample collection)VII #Time: $\underline{12.08}$ (taken after sample collection)VII #Time: $\underline{12.08}$ (taken after sample collection)VII #	Total Well Depth (ft): \underline{Q} \underline{CD} Total Well Depth (ft): \underline{Q} \underline{CD} D.T.W. (ft): $\underline{30.60}$ Time: $\underline{11.43}$ (taken at initial gauging of all wells)D.T.W. (ft): $\underline{30.60}$ Time: $\underline{11.43}$ (taken at initial gauging of all wells)D.T.W. (ft): $\underline{30.60}$ Time: $\underline{11.43}$ (taken at initial gauging of all wells)D.T.W. (ft): $\underline{30.60}$ Time: $\underline{11.43}$ (taken at initial gauging of all wells)D.T.W. (ft): $\underline{30.60}$ Time: $\underline{11.43}$ (taken at initial gauging of all wells)D.T.W. (ft): $\underline{30.60}$ Time: $\underline{11.43}$ (taken after sample collection)D.T.W. (ft): $\underline{30.60}$ Time: $\underline{12.08}$ (taken after sample collection)PL Present: D.T.P.:D.T.W.:Thickness:Time: $\underline{11.43}$ VSI #Temp Conductivity DO pH (mg/L)PURGED VOLUME (see reverse for calc.)Notes/Observation(deg C) (µS) (mS) (mg/L)PL Present: 2.7 Notes/Observation(3.9 3.453 S.7/Z.0SZ.04S.7/SZ.04S.7/Z.0SZ.04S.7/Z.0SZ.04S.7/Z.0SZ.04S.7/Z.0SZ.04S.7/ <td>Well D</td> <td>The second se</td> <td></td> <td></td> <td></td> <td>т.о</td> <td></td> <td></td>	Well D	The second se				т.о					
Initial D.T.W. (ft): 30.60 Time: 11.47 (taken at initial gauging of all wells) Confirm D.T.W. (ft): 30.60 Time: 11.48 (taken prior to purging well) Final D.T.W. (ft): 31.02 Time: 12.08 (taken after sample collection) If NAPL Present: D.T.P.: D.T.W.: Thickness: Time: Water Quality Parameters - Recorded During Well Purging VSI # Time Temp Conductivity DO pH ORP PURGED VOLUME (see reverse for calc.) 11.48 13.9 3453 5.7 7.0 88.7 $.25$ $Clean alor alor 1.51$ 12.8 330.9 4.3 $7-0$ 34.6 $1g-1$ 160 alor 1.54 12.0 3204 8.7 7.7 30.4 $2g-1$ $5.AF$	D.T.W. (ft): 30.60 Time: 11.47 (taken at initial gauging of all wells) D.T.W. (ft): 30.60 Time: 11.48 (taken prior to purging well) D.T.W. (ft): 31.02 Time: 12.08 (taken after sample collection) D.T.W. (ft): 31.02 D.T.W.: Thickness: Time: PL Present: D.T.P.: D.T.W.: Thickness: Time: Water Quality Parameters - Recorded During Well Purging VSI # Temp Conductivity DO pH ORP PURGED VOLUME (see reverse for calc.) (49 C) (μ S) (mS) (mg/L) PH (mV) (see reverse for calc.) 13.9 3453 5.7 7.0 88.7 $.25$ $C1e^{20}$ 13.9 3453 5.7 7.0 88.7 $.25$ $C1e^{20}$ 2007 12.8 330.9 4.3 $7-0$ 34.6 $1g-1$ 100		ALCO COMMENTS OF THE R	2			Total We	Il Depth (ft): 43.00				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	D.T.W. (ft): 30.60 Time: 11.48 (taken prior to purging well) D.T.W. (ft): 31.02 Time: 12.08 (taken after sample collection) PL Present: D.T.P.: D.T.W.: Thickness: Time: Water Quality Parameters - Recorded During Well Purging $YSI \# _$ Temp Conductivity DO pH ORP PURGED VOLUME (see reverse for calc.) (deg C) (µS) (mS) (mg/L) PH (mV) (see reverse for calc.) 13.9 3.453 5.7 7.0 88.7 $.25$ $Clean12.8$ 33.09 4.3 7.0 34.6 $1g-1$ 160 $dor12.8$ 33.09 4.3 7.0 34.6 $1g-1$ 160 $dor12.9$ 32.04 8.7 7.1 30.4 $2g-1$ 5.48	Initia	al D.T.W. (ft):	30.60	Time:	11:41		(taken at initial gaugin	g of all wells)			
If NAPL Present: D.T.P.: D.T.W.: Thickness: Time: Water Quality Parameters - Recorded During Well Purging YSI #	PL Present: D.T.P.:D.T.W.:Thickness:Time:Water Quality Parameters - Recorded During Well PurgingVSI #VSI #Notes/ObservationTempConductivityDOpHORPPURGED VOLUME (see reverse for calc.)Notes/Observation(deg C)(μ S)(mS)(mg/L)PHORPPURGED volume (see reverse for calc.)Notes/Observation(3 9 3453 $5.7/$ 7.0 88.7 $.25$ Clean no ador(2.P 33.0 9 4.3 7.0 34.6 $1g-1$ No ador(2.0) 32.04 8.7 7.7 30.4 $2.ga1$ $5.AA$ (2.2) 32.04 5.7 7.7 $26.P$ $3.ga1$ $5.AA$	Confirm	m D.T.W. (ft):	30.60	Time:			(taken prior to purging	well)			
Water Quality Parameters - Recorded During Well Purging YSI #	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Fina	al D.T.W. (ft):	31.02	Time:	12:0	8	(taken after sample co	llection)			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	If N	APL Present:	D.T.P.:	D.T.W		Thic	kness: Tim	e:			
TimeTemp (deg C)Conductivity (μ S) (mS)DO (mg/L)pHORP (mV)PURGED VOLUME (see reverse for calc.)Notes/Obser11:4813.934535.77.088.1.25Clear M ador11:5112.8330.94.37.034.61g~1Notes/Obser11:5112.8320.48.77.130.42 gal5.AA11:5712.2320.45.17.126.83 gel5.AA	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	LL		Water Quali	ty Paramet	ters - Rec	orded Du	uring Well Purging				
Time Temp Conductivity DC pH $ORIN$ Notes/Obser (deg C) (μ S) (mS) (mg/L) (mV) (see reverse for calc.) Notes/Obser /1.48 /3.9 3453 5.1 7.0 88.1 .25 Clean 11.51 12.8 3309 4.3 7.0 34.6 $1g-1$ No ador 11.54 12.0 3204 8.7 7.1 30.4 2 ge1 5.AA 11.57 12.2 3204 5.1 7.1 26.8 3 ge1 5.AA	$\begin{array}{c c c c c c c c c c c c c c c c c c c $					YSI #						
11:48 13.9 3453 5.1 7.0 88.1 .25 Clear 11:51 12.8 3309 4.3 7.0 34.6 Ignl 100 abor 11:54 12.0 3204 8.7 7.1 30.4 Zgal 5.AA 11:57 12.2 3204 5.1 7.1 26.8 3gel 3.AA	13.9 3453 5.1 7.0 88.1 .25 Clean 2.8 3309 4.3 7.0 34.6 Ignl Tem ador 2.0 3204 8.7 7.1 30.4 Zgal S.AA 2.2 3204 5.1 7.1 26.8 3gel SIAA	Time	1000000	10,000,000,000,000,000		pH	11000		and a second second			
11:51 12.8 3309 4.3 7.0 34.6 1g-1 100 dor 11:54 12.0 3204 8.7 7.1 30.4 2 gel 5.AA 11:57 12.2 3204 5.1 7.1 26.8 3 gel 3.AA	2.8 3309 4.3 7.0 34.6 1g-1 No ador 2.0 3204 8.7 7.1 30.4 2 gal S.AA 2.2 3204 5.1 7.1 26.8 3 gal SIAA	11:48				7.0	88.1	.25	an otor			
11:54 12.0 3204 8.7 7.1 30.4 Zgol S.AA 11:57 12.2 3204 5.1 7.1 26.8 3gol SIAA	2.0 3204 8.7 7.1 30.4 Zgal S.AA 2.2 3204 5.1 7.1 26.8 3gel SIAA	1.01				1000 Car 1000	1	lant	Le A			
11:57 12.2 3204 511 71 26.8 3get SIAR	2.2. 3204 511 71 26.8 3gel SIRA	11:51		President and an and a second								
1. J I L'L J J J J J J J J J J J J J J J J J J	L'E IT II III Iget	11:57					and the second se	2 901				
12:01 12:01 13:0 1:0 24.6 4 gel 5:44,	KA 520 / 13.0 1.0 54.6 4 gel 5.44,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		States I and a state of the				get				
		12:01	1 de ch	2001	0.57	1.0	24.6	4 set).ed!			
						-						
			-	-								
		-				11.000						
				-								
						1.25						
							1					
Analytical Parameters (include analysis method and number and type of sample containers)	- https:// Devenue.tex. (include exclusion method and sumbay and time of comple containers)		Analutical Dar	amotors (inclus	lo analysis	mothod	and num	her and type of sample	containers)			
Analyticar rarameters (meldue analysis method and number and type of sample containers)	awarameters unclude analysis method and humber and type of sample containers)		Analytical Fai	ameters (meiuc	ac analysis	methou	and nam	ber und type of sumple	containersy			
Analytical Parameters (include analysis method and number and type of sample containers)	- hitigal Development (include evelopic method and sumber and time of comple containers)	1	Analytical Par	ameters (includ	le analysis	method	and num	ber and type of sample	containers)			
	arytical Parameters (include analysis method and number and type of sample containers)					-						
	alytical Parameters (include analysis method and number and type of sample containers)											
	alytical Parameters (include analysis method and number and type of sample containers)											
	alytical Parameters (include analysis method and number and type of sample containers)			Disposal of Pur	ged Water	: 11/2						
Disposal of Purged Water: 11/2		50										
Disposal of Purged Water: NA	Disposal of Purged Water:	Co				-11	_					
Collected Samples Stored on Ice in Cooler:	Disposal of Purged Water: NA		Chain of 0			-1-	-					
	Disposal of Purged Water: NA ected Samples Stored on Ice in Cooler: NA			Analytical I	aboratory	: Hall Env	ironmen	tal Analysis Laboratory,	Albuquerque, NM			
Collected Samples Stored on Ice in Cooler:	Disposal of Purged Water: NA ected Samples Stored on Ice in Cooler: NA	Equip	ment Used Di	uring Sampling:	Keck Wate	er Level o	r Keck In	terface Level, YSI Water	r Quality Meter			
Collected Samples Stored on Ice in Cooler:	Disposal of Purged Water: ccted Samples Stored on Ice in Cooler: Chain of Custody Record Complete: Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM			and Ne	w Disposal	ble Bailer	5					
Collected Samples Stored on Ice in Cooler: Chain of Custody Record Complete: Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque,	Disposal of Purged Water: ceted Samples Stored on Ice in Cooler: Chain of Custody Record Complete: Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM ent Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter	lotes/Com	ments									

Received by	v OCD:	4/3/2023	9:12:43	AM
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	NITORING No:	WELL SAMPL		ORD	62	Animas Environme 4 E Comanche St., Farm Tel. (505) 564-2281 Fax	nington NM 87401
Site	BMG					Project No.:	
Location	2009 Release	е	-		-	Date: 03-01	8.2022
Project	Groundwate	er Monitoring an	d Sampling	1	2	Arrival Time: 12.1	
Samplin	ng Technician	: 00				Air Temp: 28°	Sana
Purg	ge / No Purge	: Turge			т.с	D.C. Elev. (ft): 7063	3.72
	Diameter (in)	: 2			Total We	ell Depth (ft): 43.	80
		: 30.86		12.	21	(taken at initial gaugin	g of all wells)
Confir	m D.T.W. (ft)	:30.86	Time:			(taken prior to purging	and the second
	al D.T.W. (ft)		Time:	12:4		(taken after sample co	
If I	NAPL Present	: D.T.P.:	D.T.W		Thic	kness: Tim	e:
		Water Quali	ty Paramet	ters - Re	corded Du	uring Well Purging	
				YSI #	-		
Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	рН	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
12:28	12.6	3644	4.2	7.0	61.7	.25	clear der
12:3Z	12.5	3645	8.1	7.0	93.1		Burn day
2:36	12.5	3639	8.1	7.0	110.8	Zulla	S. A.G.
2:41	12.5	3637	5.7	7.0	1247	I gellan Z gelan 3 gellan 4 gallon	S.RA
12.44	12.3	3635	2.0	7.0	132.8	Ja lla	S.A.R.
		1					
				1.000			
	Analytical Par	rameters (includ	e analysis	method	and num	ber and type of sample	containers)
Co		Disposal of Purg les Stored on Ice		-pape			
		Custody Record	Complete:	NA	ironmon	al Analysis Laboratory,	
Equip	ment Used D	uring Sampling:		r Level o	r Keck Int	erface Level, YSI Water	
laha-10	arian an	and Ne	w Disposad	ne baller	-		
lotes/Com	iments:						

MONITORING WELL SAMPLING RECORD						Animas Environmental Services				
Mon	itor Well No:	MW-	1		624 E Comanche St., Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022					
Site:	BMG					Project No.:				
	2009 Release					Date: 03-0	8-2022			
		Monitoring and	Sampling	1		Arrival Time: 12:5	3			
a second second second	g Technician:		1 0			Air Temp: 28°				
	e / No Purge:				т.0	.C. Elev. (ft): 706				
	Diameter (in):				Total We	Il Depth (ft): 39.	36			
	and the second sec	30.42	Time:	13:0	d	(taken at initial gaugin	ng of all wells)			
Confin	m D.T.W. (ft):	30.42	Time:			(taken prior to purging				
Fin	al D.T.W. (ft):	31.57	Time:	13:2	2	(taken after sample co	ollection)			
If N	APL Present:	D.T.P.: 30.41	D.T.W.	: 30.4	'Z Thio	kness: <u>01</u> Tim	ne:/3:00			
		Water Qualit	y Paramet	ers - Rec	orded Du	uring Well Purging				
				YSI #	-	1				
Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	рН	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations			
	1/1	11-0	QU	2115		CADINGS	DE TO			
	100 1	VATER	004		r n	ADING	the 10			
	SHE	C/V								
-										
			-				H			
			1		-					
			-			Samples Collecte	l			
13:27	1.000			-		-				
2.21										
	-				-					
				-						
		-		1	-					
				1						
	Analytical Par	ameters (includ	e analysis	method	and num	ber and type of sampl	e containers)			
_				-						
	1					PH (GRO/DRO/MRO) -				
						er glass non-preserve)				
		Disposal of Purg	ged Water:	in o	nsite	storage tank				
Co	ollected Samp	les Stored on Ice	in Cooler	yes						
	Chain of	Custody Record	Complete	in						
				- //	ironmen	tal Analysis Laboratory	, Albuquerque, NM			
Fouir	ment Used D		2010/00/07	-		terface Level, YSI Wate				
Equip	inent oscu D		w Disposal							
lotes/Con	nments:	porheat no			/	in at				
	IN INC	Not that 1190	n mal	- ann	Unico	mul i				

		TH TO GRO		Animas Environmental Services 624 E. Comanche St, Farmington NM 87401				
	IVI	EASUREIVIE	INT FORIN		Tel. (505) 564-2281 Fax (505) 324-2022			
roject:	Groundwa	ter Monitorir	ng		Project No.:			
ite:	BMG				Date: 6-9-2022			
ocation:	Hwy 537 2	009 Release			Date: <u>6-9-2022</u> Time: <u>14</u> : 35			
ech:	56				Form: 1 of 1			
6 T.T.			_					
Well ID	Time	Depth to NAPL (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Notes / Observations			
MW-1	16:28 .		31.99		2" Well SHEEN - Sock poplaced			
MW-2	14:54		31.72		2" Well			
MW-3	15:45 -		31.31	1	2" Well			
MW-4	16:56	~	31.44		2" Well			
MW-5			()		2" Well			

MON	IITORING V	VELL SAMPL		ORD		Animas E	nvironme	ental Services
Mon	itor Well No:	MW	-1		624 E Comanche St., Farmington NM 87401			nington NM 87401
			_	_				x (505) 324-2022
	BMG		_	_	-0	Project No		
	2009 Release			_			: 6-9-7	
		r Monitoring an	d Sampling			Arrival Time		
	g Technician:		_		-0 E.		: 8805	
	e / No Purge:		e	÷		D.C. Elev. (ft		4.66
	Diameter (in):		-			ell Depth (ft		
	al D.T.W. (ft):		Time:	1620				ng of all wells)
		31.99		162		_(taken prio		Contraction of Contra
		32.14	Time:	16:43		_(taken afte		
пр	APL Present:	D.T.P.:	D.T.W		The	ckness:	Tim	ne:
1		Water Quali	ty Paramet	ters - Rec	orded D	uring Well P	urging	
				YSI #				
Time	Temp	Conductivity	DO	pH	ORP	PURGED	VOLUME	Notes/Observation
1000.00	(deg C)	(µS) (mS)	(mg/L)	pin	(mV)	(see revers	e for calc.)	Notes/Observation
16.29	NO W	FER QUAL	TU DE	TODIAL	4-51	US TO	SHO	al
	1	Contraction of the second	re pa	121100	1	10 10	244	
			-			-		
			-					
						0		
-						0		
16.49						S	molos	Collected
							que	uncoreg
		-		1		-		-
		1		-				
			-					
					-	-		
-				1 m				
				-			-	

USEPA Method 8021 for BTEX and 8015 for TPH (GRO/DRO/MRO) -

(5 - HgCl2 40 mL VOAs and 1 - 125 mL Amber glass non-preserve)

Disposal of Purged Water: Chaita Starage.

Collected Samples Stored on Ice in Cooler:

Chain of Custody Record Complete:

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Since

Page 53 of 115

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter

and New Disposable Bailer

Notes/Comments: upe. 3.6 gallous

MON	IITORING \	WELL SAMPL	ING RECO	ORD	Animas Environmental Services				
Mon	itor Well No:	MW	-2		624 E Comanche St., Farmington NM 87401				
						Tel. (505) 564-2281 Fax (505) 324-2022			
Site	BMG					Project No.:			
	2009 Releas					Date: 6-9-2			
Project:	Groundwate	er Monitoring an	d Sampling			Arrival Time: 1450	, 		
Samplin	ng Technician	·				Air Temp: 86° c			
Purg	e / No Purge			-		D.C. Elev. (ft): 7064			
Well	Diameter (in)	:2			Total We	ell Depth (ft): ~44			
	al D.T.W. (ft)		Time:	1454	1	(taken at initial gaugin	The Constant of States of Constant of Cons		
	m D.T.W. (ft)		Time:	1454		(taken prior to purging			
	al D.T.W. (ft)	and the second se	Time:	15:29		(taken after sample co			
lfi	NAPL Present	: D.T.P.:	D.T.W		_ Thi	ckness: Tim	e:		
		Water Quali	ty Paramet		_	uring Well Purging			
		1	-	YSI #	1	DUDOED VOLUME			
Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pН	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observation:		
5:04	15.1	3137	,82	7.2	150.5	Initial	Beauty No orbe		
15:09	111.1	3042	, 98	7.2	145.5	/gallan	Brown NO Odbr		
15:13	13.6	2946	1.23	7.3	138.5	2 gollow	5.4.4		
15:12	13.4	2927	1.29	7.3	138.1	3gellas	5.4.4,		
15,21	13.5	2929	1.81	7.2	139.6	4 gallon	5. 4. 4.		
5:24	13.6	2936	1.15	7.2	134.6	5 gollow	J.A.A		
_		A							
-					-		1		
(4			-	-				
	-								
-	-			-	-				
	Analytical Pa	rameters (includ	le analysis	method	and num	ber and type of sample	containers)		
-			_						
		1.10.111.1.01.011		0 4		1 1	0/ /		
		Disposal of Pur		- Der Dr	poind-1	No channey to SW	auttet		
Co		oles Stored on Ic		17					
	Chain of	Custody Record		11/1			Auto Charles Charles		
			A			tal Analysis Laboratory,	the second se		
Equip	oment Used D			and a second		terface Level, YSI Water	r Quality Meter		
	_	and Ne	w Disposa	ble Bailer					
	mments: /	11 1 1 1	· · · · · · · · · · · · · · · · · · ·						

Received by	v OCD:	4/3/2023	9:12:43	AM
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	NITORING	WELL SAMPL		CORD	6	Animas Environme			
				-	0	624 E Comanche St., Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022			
Site	e: BMG					Project No.:	(505) 324-2022		
Location	1: 2009 Releas	se			-	Date:	6-9-2022		
Project	t: Groundwat	er Monitoring an	d Sampling	g	-	Arrival Time: /5779			
	ing Techniciar				-	Air Temp: 88 °	Sinny		
	ge / No Purge	- Mad		5	т.		4.01		
	Diameter (in)			_		ell Depth (ft): 44.0	>0		
	tial D.T.W. (ft)		Time:	15:0		(taken at initial gaugir			
	rm D.T.W. (ft)		Time:	15:4		_(taken prior to purging			
	nal D.T.W. (ft) NAPL Present		Time:	16:2		_(taken after sample co			
	MAPL Present	.: D.T.P.:	D.T.W	/.:	Thi	ckness: Tim	e:		
		Water Quali	ty Parame	ters - Re	corded D	uring Well Purging			
	1	1		YSI #_	2				
Time	Temp (deg C)	Conductivity (μS) (mS)	DO (mg/L)	рН	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observation		
15:49	14.5	2834	193	7.1	86.0	instial	clear us ador		
15:55	13.9	2795	.58	7.1	43.7	/gallar	Forbido oder		
16:01	13.8	2745	1.87	7.2	32.5	2 gallo	5. A.A		
16:07	14.0	2895	1.87	7.2	35.2	2 andlar	5.4.4.		
16:12	13.8	2760	181	7.1	31.3	4 allen	SAA.		
6:17	14.3	2809	1.37	7.2	31.5	5 apl	SAA		
						1	JAN .		
			11-3						
-									
-					1.000				
	-								
4	Analytical Par	ameters (include	e analysis i	method	and num	ber and type of sample	containers)		
			_	_	-				
		Disposal of Purg			rand -	No desure to S	a dain,		
Co		es Stored on Ice		- may		/			
	Chain of (Custody Record	Complete:	NA					
						al Analysis Laboratory, /			
Equip	ment Used Du				Keck Int	erface Level, YSI Water	Quality Meter		
1		and Nev	v Disposab	le Bailer					
otes/Com	ments: (Al	a later lang	62 g	llows					
_			-						

Received by	OCD :	4/3/2023	9:12:43	AM
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MON	VITORING	WELL SAMPL	ING REC	ORD		Animas Environme	ental Services		
Mo	nitor Well No	: MW	1-4		62	624 E Comanche St., Farmington NM 87401			
		-		Tel. (505) 564-2281 Fax					
Site	: BMG					Project No.:			
Location	: 2009 Releas	e				Date: 6-9-2	023		
		er Monitoring an	d Sampling	5		Arrival Time: 16:49			
and the second	ng Technician	- 0					unny		
	ge / No Purge Diameter (in)		_				3.72'		
	ial D.T.W. (ft)		Time:	16:5		ell Depth (ft): 丛 少る (taken at initial gaugir			
	rm D.T.W. (ft)		Time:	16:5	4.	(taken prior to purging			
	nal D.T.W. (ft)		Time:	17.2		(taken after sample co			
	NAPL Present		D.T.W	1.:			e:		
		Water Quali	ity Parame	ters - Re	corded D	uring Well Purging			
				YSI #_					
10.0	Temp	Conductivity	DO		ORP	PURGED VOLUME	Second real and		
Time	(deg C)	(μS) (mS)		pH			Notes/Observation		
16:58	(deg C) /5.2	3Z7/	(mg/L)	7.1	(mV) 97.2	(see reverse for calc.)	Clear No odor		
17:02	13.7	3/17	1.02		73.1	gellon	Turbid		
that a state	13.5			7.2	99.0		no odor		
17:06	13.9	3085	1.21	-	99.8	2 gellan	S,AA,		
17:09		3118	1.16	7.1	1	2 garlon	5.4.4,		
17:14	13.4	3073	2.14	7.2	102.5	9 gellon	5.4.4		
17:20	13.5	3067	260	7.29	108.8	5 gellon	5, 4, 4,		
				-	-				
		-		-					
-									
		1.			-				
	Analytical Par	rameters (includ	e analysis	method	and num	ber and type of sample	containers)		
		Disposal of Dur	ad Water	01	1 al	1 in Cal	1/1		
C-		Disposal of Purg			- 1NO 0	hannege to SV m	diet		
CO		les Stored on Ice		-NAT 1					
	chain of	Custody Record							
						al Analysis Laboratory,			
Equip	ment Used D	the second se				erface Level, YSI Water	Quality Meter		
		1	w Disposab						
Notes/Com	nments:	laster 1	unger	5.0	gelle	and			
_			/		/				
ad to Imagin	ng: 8/3/2023 1:	20.42 DM							

WON	ULOKING V	VELL SAMPL	ING REC	UKD	Animas Environmental Services				
Monitor Well No: MW-5						624 E Comanche St., Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022			
Site	BMG				1	Project No.:	(303) 324-2022		
	2009 Release				-		22		
	the second se	Monitoring an	d Sampling		-	Date: 6-9-20	SLC		
	g Technician:		u samping	5	-	Arrival Time: 14:40			
	ge / No Purge:					Air Temp: <u>87° 5</u> D.C. Elev. (ft): 706	1000		
	Diameter (in):					ell Depth (ft): 700	4.79		
	al D.T.W. (ft):		Time:	14:50		(taken at initial gaugin	a of all wolls)		
Confir	m D.T.W. (ft):	22.16	Time:			(taken prior to purging			
Fin	al D T W (ft).	32.16		14:5		(taken after sample co			
		D.T.P.:		14:5		ckness: Tim			
	The Present.						e		
		Water Qual	ity Parame		orded D	uring Well Purging	_		
	1			YSI #	-				
Time	Temp	Conductivity	DO	pH	ORP	PURGED VOLUME	Notes/Observations		
1000	(deg C)	(µS) (mS)	(mg/L)	pit	(mV)	(see reverse for calc.)	Notes/ Observation.		
14:50	NOD	ATER W	101.174	READ	145	DUETO			
	WELL	HAUSIAL	BEN	and the second sec	17	1000 10			
-	man	Thering	RICTV	1					
-				-					
				-	-				
-				-					
				2					
			1.1						
				1					
		-					1		
				-					
				-	-				
	Analytical Para	ameters (includ	le analysis	method a	and num	ber and type of sample	containers)		
-									
		Disposed of D	and Minte	1.1					
		Disposal of Pur							
Co		es Stored on Ice		110					
	Chain of C	ustody Record	10000	- taket					
		Analytical L	aboratory:	Hall Envi	ronment	tal Analysis Laboratory,	Albuquerque, NM		
Equip	ment Used Du	ring Sampling:	Keck Wate	er Level or	Keck Int	terface Level, YSI Water	Quality Meter		
			w Disposal	the second s					
lotes/Com	ments:	and with							
	IM	ge - ngt		_					

		TH TO GRO	OUNDWATER	Animas Environmental Services 624 E. Comanche St, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022		
Project:	Groundw	ater Monitorii	ng		Project No.:	
Site:	BMG		0		Date: 9-28-22	
Location:	Hwy,537	2009 Release			Time: 16:00	
Tech:	T			Form: 1 of 1		
Well ID	Time	Depth to NAPL (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Notes / Observations	
MW-1			30.58	1	2" Well	
MW-2			30.34		2" Well	
MW-3			29.58		2" Well	
MW-4			30.02		2" Well	
MW-5			30.99		2" Well	
	-					
			1			
_						
		-				
			-			
	1					
			-			
	I					

MONITORING WELL SAMPLING RECORD Monitor Well No: MW-1						Animas Environmental Services 624 E Comanche St., Farmington NM 87401				
						Tel. (505) 564-2281 Fax				
Site:	BMG					Project No.:				
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2009 Release					Date: 9-28				
and the second se		r Monitoring and	d Sampling		- 6	Arrival Time: 17:2				
	g Technician		5			Air Temp: 70° S				
	e / No Purge iameter (in):					D.C. Elev. (ft): 7064 ell Depth (ft): 39.4				
		30.58			16					
		30.58				(taken prior to purging				
		30.75		18.0		(taken after sample co				
		D.T.P.:	Contraction of the second second			ckness: Time	e:			
		Water Qualit	ty Paramete	ers - Rec	orded D	uring Well Purging				
				YSI # 2						
Time	Temp (deg C)	Conductivity (μS) (mS)	DO (mg/L)	pН	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations			
17:48		1	1000	14		Hydraca	Sheen			
12.	-					5				
18:03				_		Samples collecte	1			
			D		_	A CONTRACTOR				
				1200	-					
					-					
				12.00						
	1				-					
			1	-	1					
			4	0.00	/					
А	nalytical Par	ameters (include	e analysis n	nethod a	nd num	ber and type of sample	containers)			
	L	ISEPA Method 8	021 for BTE	X and 80	15 for TI	PH (GRO/DRO/MRO) -				
						r glass non-preserve)				
		Disposal of Purg			Strenge	tank				
Coll		es Stored on Ice				No. 1				
		Custody Record		//						
2			2	2	ronment	tal Analysis Laboratory,	Albuquerque, NM			
Equipm	nent Used Di	uring Sampling:	Keck Water	Level or	Keck Int	erface Level, YSI Water	Quality Meter			
			w Disposabl							
Notes/Comr	ments: U	O gallon pre								

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		WELL SAMPI			Animas Environmental Services					
Mo	nitor Well No	. MN	/-2	-	62	624 E Comanche St., Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022				
	e: BMG					Project No.:				
	n: 2009 Relea	1. Crowners and the second			2	Date: 9-28-2				
	ing Technician	er Monitoring an	nd Sampling	3	_	Arrival Time: 16:11				
	rge / No Purge				Air Temp: <u>73* <</u>	Unny				
	Diameter (in					D.C. Elev. (ft): 706 ell Depth (ft): ~44				
		1: 30.34		1614		(taken at initial gaugi				
Confi	rm D.T.W. (ft): 30.34	Time:	16:14		(taken prior to purging				
): 30.38	Time:	1	(taken after sample co					
If	NAPL Present	t: D.T.P.:	D.T.W	1.:	Thie	ckness: Tim	ne:			
		Water Qual	ity Parame	ters - Re	corded D	uring Well Purging				
_	4	1	-	YSI #_	2					
Time	Temp (deg C)	Conductivity (μS) (mS)	DO (mg/L)	рН	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observation			
17:20	18.5	2944	1.68	7.1	219.7	.25	No shor			
16.125	16.2	ZPZ9	168	7.2	217.5	/garlen	SAIR			
16:29	15.4	2793	2,1	7.2	217.0	2 gerla	St.A			
6:33	15.1	2783	1.9	7.2	218:5	Szallow	SAA			
16:36	14.9	2913	3.2	23	215.5	dealla	Clean don			
16:39	15.1	2930	211	7.2	Z15.8	5 gulla	Turbing No solor			
16:44	14.7	3065	2.2	7.2	215,1	6 millo	S. 9.12			
16:48	14.6	3048	20	7.2	215.1	7 author	SAR			
					1					
					2.2.3					
1.77.1										
					1.1					
			-				1			
	Analytical Pa	rameters (includ	e analysis	method	and num	per and type of sample	containers)			
1										
		Disposal of Purg	ged Water:	On on	rund					
Co		les Stored on Ice	in Cooler:	NA						
	Chain of	Custody Record								
						al Analysis Laboratory,				
Equip	ment Used D	uring Sampling:	Keck Wate	r Level o	r Keck Inte	erface Level, YSI Water	Quality Meter			
			w Disposab							
otes/Com	nments: Ca	lestated Ti	me 6.	6 000	lon 5	= 70 gallons				
		1 1 -	U	- 0		0				

Received by	OCD:	4/3/2023	9:12:43	AM
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MOM	ITORING	WELL SAMPL		Animas Environmental Services						
Mor	nitor Well No	: MW	-3		62	624 E Comanche St., Farmington NM 87401				
		-		Tel. (505) 564-2281 Fax (505) 324-2022						
Site	: BMG					Project No.:				
Location	: 2009 Releas	se			-	Date: 9-28-2	2			
and the second se		er Monitoring an	d Sampling	<u> </u>	2	Arrival Time: 16'50	<u></u>			
	ng Techniciar	n: <u>()</u>		-	Air Temp: 73° Su	~~~				
	ge / No Purge Diameter (in)		_	-	T.C	0.C. Elev. (ft): 7064	4.01			
		29.58		11.5		ell Depth (ft): (taken at initial gaugin	a of all wells)			
		1:29.58			9					
						(taken after sample co				
		t: D.T.P.:				kness: Tim				
		Water Quali	ty Parame	ters - Re	corded Du	uring Well Purging				
				YSI #	2					
Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	рН	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observation			
17:04	15.1	2916	,63	71	177.9	,25	Clean olor			
17:07	14:7	2850	1.07	7.0	147.1) grunn	Trebid John			
17:09	14.5	2814	,63	71	117.1	Zyallon	S.t.A.			
17:13	14.5	2814	1.15	7.07	91.0	3 cpllon	Tak odor			
17:17	14.4	2802	1.14	7.09	80,1	4 geller	S.A.A.			
17:21	14.3	2805	1.34	7.06	77.5	Square	S- AA			
					1					
-										
					1.					
					1					
					0.000					
	Analytical Pa	rameters (includ	le analysis	method	and num	ber and type of sample	containers)			
-						and the er partiture				
-		Disposal of Dur	and Water	0	1					
	lactod Same	Disposal of Purp			grocent	*				
LC		oles Stored on Ice		411						
	Chain of	Custody Record			ironare	tal Analysis Laksanta	Albuques also			
East						tal Analysis Laboratory,				
Equip	iment Used D					terface Level, YSI Water	Quality Meter			
20.000			w Disposat							
	nments: /	alculated to	unge (2.8 A	- 10					
Notes/Con			1							

Received by OCD: 4/3/2023 9:12:43 AM

	onitor Well N	WELL SAMP		CORD		Animas Environm	ental Services
IVIC	Sintor well N	o:MV	6	624 E Comanche St., Farmington NM 87401			
Sit	e: BMG				Tel. (505) 564-2281 Fa	x (505) 324-2022	
	n: 2009 Relea	ISP.		-	-	Project No.:	
and the second se		ter Monitoring a	nd Samplin	0	-	Date: 9-28 Arrival Time: 18:20	-22
Sampl	ing Technicia	n:	ia sampiin	B	-	Arrival Time: 18:20)
Pui	ge / No Purg	e:			- T	Air Temp: 69 °. O.C. Elev. (ft): 706	Summ-Sunset
Well	Diameter (in):2				ell Depth (ft): 43.7	
Init	tial D.T.W. (ft	1:30-02	Time:	18-	22	(taken at initial gaugi	a of all wells)
Confi	rm D.I.W. (ft	1: 30.02	Time:	18:2	23	_(taken prior to purging	g well)
lf	NAPI Present): 30.15	_ Time:	11 . 2	1	Itakan after 1	ollection)
	in Erresen					ckness: Tim	ie:
		Water Qual	ity Parame	ters - Re	corded D	uring Well Purging	
	-	T.S.Contractor	-	YSI #_	_		
Time	Temp	Conductivity	DO	pH	ORP	PURGED VOLUME	Note (of
1200	(deg C)	(µS) (mS)	(mg/L)		(mV)	(see reverse for calc.)	Notes/Observation
18:29	15:5	3057	1.0	7.1	110.7	25	elear delar
18:32	14.8	3014	1.27	7.0	114.3	/ yelles	Fridan
18:35	14.6	3008	1.32	7.1	118.6	Zzul	SAR
		1	-				
				1			
					1-21		
1201							
		1			1		
A	nalytical Par	ameters (include	analysis n	nethod a	nd numb	er and type of sample of	Sec. Allowed
			and your t		na namb	er and type of sample of	containers)
	-						
		Disposal of Dur	ad Mitan	1	//		
Col	acted Samel	Disposal of Purge	ed Water:	the grow	ed		
con	Chain of C	es Stored on Ice	in Cooler:	UA_			
	chain of C	ustody Record C		777			
Enuin	ant line in	Analytical La	boratory:	Hall Envir	onmenta	l Analysis Laboratory, A	lbuquerque, NM
Equipn	ient Used Du	ring Sampling: K	eck Water	Level or	Keck Inte	rface Level, YSI Water C	Quality Meter
		and New	Disposable	e Bailer			
otes/Comr	nents: 7.0	gellon calerla	to pury	e			
			11				

Received b	v OCD:	4/3/2023	9:12:43 AM
------------	--------	----------	------------

	ITORING V	VELL SAMPLI MW-		ORD	62	Animas Environme 4 E Comanche St., Farm Tel. (505) 564-2281 Fax	ington NM 87401
Site:	BMG				-	Project No.:	1-30/021 2022
	2009 Release	2			2	Date: 9-28-;	27
		r Monitoring and	Sampling		-	Arrival Time: 11 07	
	g Technician		Sampling		-	Air Temp: 73° S	
	T 100 Control 1				т.с	Arrival Time: <u>/6.07</u> Air Temp: <u>73°</u> D.C. Elev. (ft): 7064	1.79
Well D	Diameter (in):	No Purge 2				ell Depth (ft):	
		30.99	Time:	16:09	3	(taken at initial gaugin	g of all wells)
		30.99	Time:	16.10		(taken prior to purging	well)
Fina	al D.T.W. (ft):		Time:			(taken after sample co	llection)
If N	IAPL Present:	D.T.P.:	D.T.W.	2	Thie	ckness: Time	e:
		Water Qualit	y Paramete	ers - Rec	orded D	uring Well Purging	
		-		YSI #2	-	1	
Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	рН	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observation
	-						
1	Analytical Par	ameters (include	e analysis n	nethod a	and num	ber and type of sample	containers)
Col	lected Same	Disposal of Purg les Stored on Ice		_			
Co		Custody Record	Complete:	0 11 7-1			
Equip	ment Used D	uring Sampling:	Keck Water	Level o		tal Analysis Laboratory, terface Level, YSI Water	-
1.10	2010/04/2	and ivev	v Disposabl	e baller			
otes/Com	ments:						

DEPTH TO GROUNDWATER MEASUREMENT FORM					Animas Environmental Services 624 E. Comanche St, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022					
Project: Site: .ocation:	BMG	ater Monitorir 2009 Release	ng	Project No.: Date: <u>12-21-22</u> Time: <u>10.39</u>						
fech:					Form: 1 of 1					
Well ID	Time	Depth to NAPL (ft)	Depth to Water (ft)	NAPL Thickness (ft)	Notes / Observations					
MW-1	1110		31.31		2" Well					
MW-2	11:02		31.02		2" Well					
MW-3	11:06		30.59		2" Well					
MW-4	11:03		30.74		2" Well					
MW-5	10,52		31.51		2" Well					
				1						
-										
		~								
_										

MON	ITORING \	WELL SAMPLI	ING RECO	1	Animas Environme	ntal Services				
Mor	nitor Well No:	MW-1			62	624 E Comanche St., Farmington NM 87401				
					Tel. (505) 564-2281 Fax (505) 324-2022					
Site	Site: BMG Project No.: Location: Hary 537 2809 Release Date: 12 - 21 - 22									
		7 2009 Rele	ase		2					
		er Monitoring and	d Sampling	_	Arrival Time: <u>11:09</u> Air Temp: <u>33°</u> 5					
Sampli	ng Technician	:_5			-	Air Temp: 33° S	onny			
Pur	ge / No Purge	: Rurge			T.C	D.C. Elev. (ft):				
	Diameter (in)	:31.31	Time:			(taken at initial gaugin)				
				11:10	/					
Fir	al D.T.W. (ft)	: 31.31 : 31.44	Time:	11:59	7	(taken after sample co				
If	NAPL Present	: D.T.P.:	D.T.W.		Thic	ckness: Tim				
-		Water Quali	ty Paramet	ers - Ree	corded D	uring Well Purging				
			YSI #	Calibr	ation Dat	e:				
Time	Temp (deg C)	Conductivity (µS) ((mS))	DO (mg/L)	рН	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations			
11:20	14.7	4.84	3:38 755	7.2	2.425	,25	Slight ador (HC)			
11:25	13.6	4.29	3.00	7.0	2.14	1 gellon	gian - HC odor			
11:31	13.2	4.17	2.91	7.0	2.01	2 garlow	grow-HC odor grow-HC odor			
11:35	130	4.19	2.92	7.0	2,09	3 autor	SHEEN-			
11245	12.8	4.12	2.88	2.1	2.06	4 gella	S.A.A.			
11:57							lecturd			
	102	-					L			
					1					
						1				
-	Analytical D					have and have of seconds				
	Analytical Pa	rameters (includ	le analysis	method	and num	ber and type of sample	containers)			
			_		_					
	-									
			-							
		Disposal of Pur	ged Water:	ansi	te stor	age tout.				
C	ollected Samp	oles Stored on Ice	e in Cooler:	nes						
		Custody Record		0						
				1	vironmen	tal Analysis Laboratory,	Albuquerque, NM			
Equi	oment Used D	Ouring Sampling:	Keck Wate	er Level o	or Keck In	terface Level, YSI Water	Quality Meter			
			w Disposab							
Notes/Con	nments: /	alculated.	Pin -	-40	an llow	~				
	64	a company	- mga	1.0	7					

k



March 16, 2022

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

RE: BMG Hwy 537 2009 Release

OrderNo.: 2203681

Hall Environmental Analysis Laboratory

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

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Angela Ledgerwood:

Hall Environmental Analysis Laboratory received 2 sample(s) on 3/11/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2203681

Hall Environmental Analysis	Date Reported: 3/16/2022							
CLIENT: Animas Environmental Services Project: BMG Hwy 537 2009 Release			lient Sample I Collection Dat		W-1 8/2022 12:37:00 PM			
Lab ID: 2203681-001	Matrix: AQUEOUS	5	Received Date: 3/11/2022 8:00:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 8260B: VOLATILES					Analyst	BRM		
Benzene	180	5.0	µg/L	5	3/15/2022 1:37:07 PM	A86489		
Toluene	1.0	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459		
Ethylbenzene	6.5	1.0	μg/L	1	3/14/2022 9:11:47 PM	B86459		
Methyl tert-butyl ether (MTBE)	ND	1.0	μg/L	1	3/14/2022 9:11:47 PM	B86459		
1,2,4-Trimethylbenzene	19	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459		
1,3,5-Trimethylbenzene	11	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459		
1,2-Dichloroethane (EDC)	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459		
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459		
Naphthalene	3.1	2.0	µg/L	1	3/14/2022 9:11:47 PM	B86459		
1-Methylnaphthalene	ND	4.0	µg/L	1	3/14/2022 9:11:47 PM	B86459		
			4			D00450		

	110	1.0	P9/ -		0/11/2022 0.11.11 11	800100
Naphthalene	3.1	2.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
1-Methylnaphthalene	ND	4.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
2-Methylnaphthalene	4.6	4.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Acetone	ND	10	µg/L	1	3/14/2022 9:11:47 PM	B86459
Bromobenzene	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Bromodichloromethane	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Bromoform	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Bromomethane	ND	3.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
2-Butanone	ND	10	µg/L	1	3/14/2022 9:11:47 PM	B86459
Carbon disulfide	ND	10	µg/L	1	3/14/2022 9:11:47 PM	B86459
Carbon Tetrachloride	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Chlorobenzene	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Chloroethane	ND	2.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Chloroform	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Chloromethane	ND	3.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
2-Chlorotoluene	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
4-Chlorotoluene	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
cis-1,2-DCE	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
cis-1,3-Dichloropropene	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
1,2-Dibromo-3-chloropropane	ND	2.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Dibromochloromethane	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Dibromomethane	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
1,2-Dichlorobenzene	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
1,3-Dichlorobenzene	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
1,4-Dichlorobenzene	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
Dichlorodifluoromethane	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
1,1-Dichloroethane	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
1,1-Dichloroethene	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
1,2-Dichloropropane	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
1,3-Dichloropropane	ND	1.0	µg/L	1	3/14/2022 9:11:47 PM	B86459
2,2-Dichloropropane	ND	2.0	µg/L	1	3/14/2022 9:11:47 PM	B86459

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

Qualifiers:

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

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

- B Analyte detected in the associated Method Blank
- E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range RL Reporting Limit

Page 1 of 7

4-Isopropyltoluene

Methylene Chloride

n-Butylbenzene

n-Propylbenzene

sec-Butylbenzene

tert-Butylbenzene

trans-1,2-DCE

1,1,1,2-Tetrachloroethane

1,1,2,2-Tetrachloroethane

Tetrachloroethene (PCE)

trans-1,3-Dichloropropene

1,2,3-Trichlorobenzene

1,2,4-Trichlorobenzene

1,1,1-Trichloroethane

1,1,2-Trichloroethane

Trichloroethene (TCE)

Trichlorofluoromethane

1,2,3-Trichloropropane

Surr: Toluene-d8

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Vinyl chloride

Xylenes, Total

Styrene

4-Methyl-2-pentanone

Analytical Report Lab Order 2203681

3/14/2022 9:11:47 PM

B86459

Date Reported: 3/16/2022

	•	Date Reported: 3/16/2022							
CLIENT: Animas Environmental Services	IENT: Animas Environmental Services Client Sample ID: MW-1								
Project: BMG Hwy 537 2009 Release		Collection Date: 3/8/2022 12:37:00 PM							
Lab ID: 2203681-001	Matrix: AQUEOUS Received Date: 3/11/2022 8:00:00 AM								
Analyses	Result	RL Qual Un	its DF	Date Analyzed	Batch				
EPA METHOD 8260B: VOLATILES				Analyst	BRM				
1,1-Dichloropropene	ND	1.0 µg	/L 1	3/14/2022 9:11:47 PM	B86459				
Hexachlorobutadiene	ND	1.0 µg	/L 1	3/14/2022 9:11:47 PM	B86459				
2-Hexanone	ND	10 µg	/L 1	3/14/2022 9:11:47 PM	B86459				
Isopropylbenzene	1.4	1.0 µg	/L 1	3/14/2022 9:11:47 PM	B86459				

1.9

ND

ND

ND

1.9

1.0

ND

32

91.9

115

85.4

100

1.0

10

3.0

3.0

1.0

1.0

1.0

1.0

1.0

2.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

1.0

2.0

1.0

1.5

70-130

70-130

70-130

70-130

µg/L

%Rec

%Rec

%Rec

%Rec

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

Hall Environmental Analysis Laboratory, Inc.

μg/L 1 3/14/2022 9:11:47 PM μg/L 1 3/14/2022 9:11:47 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
- ND Not Detected at the Reporting Li POL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 2 of 7

Qualifiers:

Lab ID:

Analytical Report Lab Order 2203681

Date Reported: 3/16/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services Project: BMG Hwy 537 2009 Release

2203681-002

Client Sample ID: Trip Blank Collection Date:

Matrix: TRIP BLANK Received Date: 3/11/2022 8:00:00 AM

SLAINK Received Date: 5/11/2022 8:00:00 A

Analyses	Result	RL Q	Qual Units	DF	Batch	
EPA METHOD 8260B: VOLATILES					Analyst	BRM
Benzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459
Toluene	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B86459
Ethylbenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459
Methyl tert-butyl ether (MTBE)	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459
1,2-Dichloroethane (EDC)	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459
Naphthalene	ND	2.0	µg/L	1	3/15/2022 12:47:02 AM	B86459
1-Methylnaphthalene	ND	4.0	µg/L	1	3/15/2022 12:47:02 AM	B8645
2-Methylnaphthalene	ND	4.0	µg/L	1	3/15/2022 12:47:02 AM	B8645
Acetone	ND	10	µg/L	1	3/15/2022 12:47:02 AM	B8645
Bromobenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B8645
Bromodichloromethane	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B8645
Bromoform	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B8645
Bromomethane	ND	3.0	µg/L	1	3/15/2022 12:47:02 AM	B8645
2-Butanone	ND	10	µg/L	1	3/15/2022 12:47:02 AM	B8645
Carbon disulfide	ND	10	µg/L	1	3/15/2022 12:47:02 AM	B8645
Carbon Tetrachloride	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B8645
Chlorobenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B8645
Chloroethane	ND	2.0	µg/L	1	3/15/2022 12:47:02 AM	B8645
Chloroform	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
Chloromethane	ND	3.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
2-Chlorotoluene	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
4-Chlorotoluene	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
cis-1,2-DCE	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
1,2-Dibromo-3-chloropropane	ND	2.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
Dibromochloromethane	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
Dibromomethane	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
1.2-Dichlorobenzene	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
1,3-Dichlorobenzene	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
1,4-Dichlorobenzene	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
Dichlorodifluoromethane	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B8645
1,1-Dichloroethane	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	B8645
1,1-Dichloroethene	ND	1.0	μg/L	1	3/15/2022 12:47:02 AM	
1,2-Dichloropropane	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	
1,3-Dichloropropane	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	
2,2-Dichloropropane	ND	2.0	µg/L	1	3/15/2022 12:47:02 AM	

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

Qualifiers:

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

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

- B Analyte detected in the associated Method Blank
- E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range RL Reporting Limit

Page 3 of 7

Lab ID:

Analytical Report Lab Order 2203681

Date Reported: 3/16/2022

CLIENT: Animas Environmental Services **Project:** BMG Hwy 537 2009 Release

2203681-002

Client Sample ID: Trip Blank Collection Date:

Matrix: TRIP BLANK

BLANK **Received Date:** 3/11/2022 8:00:00 AM

Analyses	Result	RL	Qual Units	DF Date Analyzed		Batch	
EPA METHOD 8260B: VOLATILES					Analyst	BRM	
1,1-Dichloropropene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
Hexachlorobutadiene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
2-Hexanone	ND	10	µg/L	1	3/15/2022 12:47:02 AM	B86459	
Isopropylbenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
4-Isopropyltoluene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
4-Methyl-2-pentanone	ND	10	µg/L	1	3/15/2022 12:47:02 AM	B86459	
Methylene Chloride	ND	3.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
n-Butylbenzene	ND	3.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
n-Propylbenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
sec-Butylbenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
Styrene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
tert-Butylbenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
trans-1,2-DCE	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
1,1,1-Trichloroethane	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
1,1,2-Trichloroethane	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
Trichloroethene (TCE)	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
Trichlorofluoromethane	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
1,2,3-Trichloropropane	ND	2.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
Vinyl chloride	ND	1.0	µg/L	1	3/15/2022 12:47:02 AM	B86459	
Xylenes, Total	ND	1.5	µg/L	1	3/15/2022 12:47:02 AM	B86459	
Surr: 1,2-Dichloroethane-d4	101	70-130	%Rec	1	3/15/2022 12:47:02 AM	B86459	
Surr: 4-Bromofluorobenzene	96.7	70-130	%Rec	1	3/15/2022 12:47:02 AM	B86459	
Surr: Dibromofluoromethane	105	70-130	%Rec	1	3/15/2022 12:47:02 AM	B86459	
Surr: Toluene-d8	98.2	70-130	%Rec	1	3/15/2022 12:47:02 AM	B86459	

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

Page 4 of 7

Qualifiers:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	Environmei wy 537 200									
Sample ID: 100ng lcs	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8260B: VOL	ATILES		
Client ID: LCSW	Batch	n ID: B8	6459	RunNo: 86459						
Prep Date:	Analysis D	ate: 3/	14/2022	5	SeqNo: 30	050525	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	112	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Chlorobenzene	21	1.0	20.00	0	105	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	107	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	99.8	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		108	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.9		10.00		98.7	70	130			
Sample ID: mb	SampT	ype: MB	BLK	Tes	tCode: EF	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batch ID: B86459			F	RunNo: 8	6459				
Prep Date:	Analysis Date: 3/14/2022			S	SeqNo: 3050554 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								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

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

WO#: **2203681**

16-Mar-22

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

	iimas Environme AG Hwy 537 200									
Sample ID: mb	Samp	Гуре: МІ	BLK	Tes	tCode: E	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batc	h ID: B8	6459	F	RunNo: 8	6459				
Prep Date:	Analysis [Date: 3/	14/2022	:	SeqNo: 3	050554	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0					-			
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane		2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND ND	1.0 1.0								
1,3-Dichloropropane	ND	2.0								
2,2-Dichloropropane 1,1-Dichloropropene	ND	2.0 1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

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

ND Not Detected at the Reporting Limit

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

J Analyte detected below quantitation limits

- P Sample pH Not In Range
- RL Reporting Limit

2203681

16-Mar-22

WO#:
	mas Environme IG Hwy 537 20										
Sample ID: mb	Samp	Type: ME	BLK	Tes	tCode: EF	PA Method	8260B: VOL	ATILES			
Client ID: PBW	Bate	ch ID: B8	6459	F	RunNo: 8	6459					
Prep Date:	Analysis	Date: 3/	14/2022	S	SeqNo: 30	050554	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Vinyl chloride	ND	1.0									
Xylenes, Total	ND	1.5									
Surr: 1,2-Dichloroethane-d4	9.8		10.00		98.0	70	130				
Surr: 4-Bromofluorobenzene	e 10		10.00		103	70	130				
Surr: Dibromofluoromethane	e 10		10.00		100	70	130				
Surr: Toluene-d8	10		10.00		100	70	130				
Sample ID: 100ng Ics SampType: LCS TestCode: EPA Method 8260B: VOLATILES											
Client ID: LCSW											
Prep Date:	Analysis	Date: 3/	15/2022	SeqNo: 3051849 Units: µg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	22	1.0	20.00	0	111	70	130				
Surr: 1,2-Dichloroethane-d4	10		10.00		104	70	130				
Surr: 4-Bromofluorobenzene	e 10		10.00		103	70	130				
Surr: Dibromofluoromethane	e 10		10.00		104	70	130				
Surr: Toluene-d8	10		10.00		101	70	130				
Sample ID: mb	Samp	туре: МЕ	BLK	Tes	tCode: EF	PA Method	8260B: VOL	ATILES			
Client ID: PBW	Bate	ch ID: A8	6489	F	RunNo: 8	6489					
Prep Date:	Analysis	Date: 3/	15/2022	S	SeqNo: 3	051878	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	1.0									
Surr: 1,2-Dichloroethane-d4	11		10.00		112	70	130				
Surr: 4-Bromofluorobenzene	e 10		10.00		101	70	130				
Surr: Dibromofluoromethane	e 12		10.00		116	70	130				
Surr: Toluene-d8	10		10.00		102	70	130				

Qualifiers:

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

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2203681

16-Mar-22

- Р
 - Reporting Limit

HALL ENVIE ANAL	9: 4/3/2023 9:12:43 AM RONMENTAL YSIS RATORY	Hall Environn TEL: 505-345 Website: clie	4 Albuque 5-3975 FAS	901 H. rque, K: 505	awkins NE NM 87109 -345-4107	Sa	mple Log-In Check Lis	st
Client Name:	Animas Environmental Services	Work Order Nu	mber: 22	0368	1		RcptNo: 1	
Received By:	Desiree Dominguez	3/11/2022 8:00:0	0 AM		T	2		
Completed By:	Desiree Dominguez	3/11/2022 11:39:	34 AM		TT	-		
Reviewed By:	The	3/11/22		C		-2	~~	
Chain of Cus	tody			/	~~~	~		
1. Is Chain of Cu	ustody complete?		Yes		N		Not Present	
2. How was the	sample delivered?			urier				
Log In								
Was an attem	pt made to cool the sample:	\$?	Yes	~	No			
1. Were all samp	les received at a temperatu	re of >0° C to 6.0°C	Yes		No			
Sample(s) in n	proper container(s)?				not frozen.	_		
· oampie(s) in p	oper container(s)?		Yes	~	No			
Sufficient samp	ole volume for indicated test	(s)?	Yes		No	П		
Are samples (e	except VOA and ONG) prope	erly preserved?	Yes	-	No	Π		
. Was preservati	ive added to bottles?		Yes		No	~	NA 🗌	
. Received at lea	ast 1 vial with headspace <1	/4" for AQ VOA?	Yes	V	No	П		
	ple containers received brok		Yes					
							# of preserved	/
	k match bottle labels?		Yes	~	No		bottles checked for pH:	
	ncies on chain of custody)	A TOTAL .		_		_	(<2 or 12 unless not	ed)
	prrectly identified on Chain o analyses were requested?	f Custody?	Yes		No		Adjusted2	
	g times able to be met?		Yes		No			
(If no, notify cus	stomer for authorization.)		Yes		No		Checked by: CM 3/11]	le
ecial Handlir	ng (if applicable)							
5. Was client notif	fied of all discrepancies with	this order?	Yes		No		NA 🗹	
Person N	otified:	Date	:	-		-		
By Whom	1:	Via:	eMa	ail [Phone	Fax	In Person	
Regarding				-	1			
Client Ins	tructions:							
. Additional rema	arks:							
7. <u>Cooler Inform</u> Cooler No 1	and the state of t	eal Intact Seal No s	Seal Da	ate	Signed E	Зу		

-		by OC	CD: 4	4/3/2	2023	9:12	2:43	AM	(N	, or	/ir Bubbles ()	1		2				P	age 75 o
HALL ENVIRONMENTAL ANAI VSTS I ARODATODV		4901 Hawkins NF - Alburuhardula NM 87100		Analvsis Request			-			-	W2) sloneriq nM bevlossiQ	-						Remarks: Please bill direct to Benson-Montin-Greer bmg@bmgdrilling.com Call with any questions.	52 Samples and some sinter 3/1/22 8:00 Samples net frozen 200 3/1/22 8:00
		4901	Tal	101		(91	08	-	-	-	а\ояэ- нат	-						Remarks: Please bill dii bmg@bmgdrilling.com Call with any questions.	Sample
			T.				4	(c	928	3) s:	Full List VOC	×		×	-			Rema bmg@ Call w	
		Release				rwood	lally		O No	-0.0=-0.5	HEAL No.	-001		-002				Date Time 2026 1224 Date Time	122 8:00
🗆 Rush_		BMG Hwy 537 2009 Release				Angela Ledgerwood	Elizabeth McNally	J. Oyebi		1.1.1.1	(D)	HgCl2		2- HgCl2					1112 JU
X Standard	Project Name:	BMGH	Project #:		Project Manager:			Sampler:	On Ice:	Sample Temperature: -0,5	Container Type and #	5- 40 mL VOA		2-40mL VOA				Received by:	NON CON
Animas Environmental Services			Farmington, NM 87499-0008		Email or Fax#: aledgerwood@animasenvironmental.com		Level 4 (Full Validation)				Sample Request ID	MW-1		Trip Blanks				by: By:	- stadulut
Environm		PO Box 8	Farmingt	2281	erwood@]		Other		Matrix	H ₂ O	-	H2O				Relinquished by:	Law
Animas		dress:		505-564-2281	ax#: aledg	kage:	p	:uc		(be)	Time	12:37						Time: R	25L1
Client:		Mailing Address:	ngin	Phone #:			X Standard			EDD (Type)	Date	03-08-22					Lato:	22	3/10/23



June 20, 2022

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

RE: BMG Hwy 537 2009 Release

OrderNo.: 2206654

Hall Environmental Analysis Laboratory

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

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Angela Ledgerwood:

Hall Environmental Analysis Laboratory received 2 sample(s) on 6/11/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 2206654

Date Reported: 6/20/2022

CI IENT.	Animas Environmental Services		CI	ont Sa	mple I	D• 1/1	W 1	
					-			
Project:	BMG Hwy 537 2009 Release						9/2022 4:49:00 PM	
Lab ID:	2206654-001	Matrix: AQUEOUS		Recei	ved Dat	e: 6/1	11/2022 10:00:00 AM	
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	HOD 8260B: VOLATILES						Analyst	CCM
Benzene		76	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
Toluene		ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
Ethylbenz	zene	4.4	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
Methyl ter	rt-butyl ether (MTBE)	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
1,2,4-Trir	nethylbenzene	4.9	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
	nethylbenzene	4.1	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
1,2-Dichle	oroethane (EDC)	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
1,2-Dibro	moethane (EDB)	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
Naphthale	ene	ND	2.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
	naphthalene	ND	4.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
2-Methylr	naphthalene	ND	4.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
Acetone		ND	10		µg/L	1	6/17/2022 11:06:00 AM	R8882
Bromobe	nzene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
Bromodic	hloromethane	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
Bromofor	m	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
Bromome	ethane	ND	3.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
2-Butano	ne	ND	10		µg/L	1	6/17/2022 11:06:00 AM	R8882
Carbon d	isulfide	ND	10		µg/L	1	6/17/2022 11:06:00 AM	R8882
Carbon T	etrachloride	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
Chlorobe	nzene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
Chloroeth	nane	ND	2.0		μg/L	1	6/17/2022 11:06:00 AM	R8882
Chlorofor	m	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R8882
Chlorome	ethane	ND	3.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
2-Chlorot	oluene	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R8882
4-Chlorot	oluene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
cis-1,2-D	CE	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R8882
cis-1,3-D	ichloropropene	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R8882
	mo-3-chloropropane	ND	2.0		μg/L	1	6/17/2022 11:06:00 AM	R8882
Dibromod	chloromethane	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R8882
Dibromon		ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R8882
1,2-Dichle	orobenzene	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R8882
1,3-Dichle	orobenzene	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R8882
	orobenzene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
-	lifluoromethane	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
	oroethane	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
-	oroethene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R8882
,	oropropane	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R88827
	oropropane	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R88827
	oropropane	ND	2.0		μg/L	1	6/17/2022 11:06:00 AM	R88827

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

Qualifiers:

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

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 1 of 7

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Analytical Report

Hall E	nvironmental Analysis I	Laboratory, Inc.	1				Lab Order 2206654 Date Reported: 6/20/202	22
CLIENT Project: Lab ID:	Animas Environmental Services BMG Hwy 537 2009 Release 2206654-001	Matrix: AQUEOUS		Collect		t e: 6/9	W-1 9/2022 4:49:00 PM 11/2022 10:00:00 AM	
Analyses	S	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA ME	THOD 8260B: VOLATILES						Analyst	ССМ
1,1-Dich	nloropropene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
Hexachl	orobutadiene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
2-Hexan	ione	ND	10		µg/L	1	6/17/2022 11:06:00 AM	R88827
Isopropy	/lbenzene	1.2	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
4-Isopro	pyltoluene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
4-Methy	1-2-pentanone	ND	10		µg/L	1	6/17/2022 11:06:00 AM	R88827
Methyler	ne Chloride	ND	3.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
n-Butylb	penzene	ND	3.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
n-Propyl	lbenzene	1.1	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
sec-But	ylbenzene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
Styrene		ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
tert-Buty	/lbenzene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
1,1,1,2-	Tetrachloroethane	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
1,1,2,2-	Tetrachloroethane	ND	2.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
Tetrachl	loroethene (PCE)	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
trans-1,2	2-DCE	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
trans-1,3	3-Dichloropropene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
1,2,3-Tr	ichlorobenzene	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
1,2,4-Tr	ichlorobenzene	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R88827
1,1,1-Tr	ichloroethane	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R88827
1,1,2-Tr	ichloroethane	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R88827
Trichlor	pethene (TCE)	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
Trichloro	ofluoromethane	ND	1.0		µg/L	1	6/17/2022 11:06:00 AM	R88827
1,2,3-Tr	ichloropropane	ND	2.0		μg/L	1	6/17/2022 11:06:00 AM	R88827
Vinyl ch	loride	ND	1.0		μg/L	1	6/17/2022 11:06:00 AM	R88827
	T / 1				"			D 00007

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

3.0

84.3

98.1

94.2

101

1.5

70-130

70-130

70-130

70-130

µg/L

%Rec

%Rec

%Rec

%Rec

1

1

1

1

1

6/17/2022 11:06:00 AM

6/17/2022 11:06:00 AM

6/17/2022 11:06:00 AM

6/17/2022 11:06:00 AM

6/17/2022 11:06:00 AM R88827

* Value exceeds Maximum Contaminant Level.

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

Page 2 of 7

R88827

R88827

R88827

R88827

Released to Imaging: 8/3/2023 1:30:43 PM

Qualifiers:

Xylenes, Total

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Surr: Toluene-d8

Analytical Report Lab Order 2206654

Date Reported: 6/20/2022

Client Sample ID: Trip Blank **Collection Date:**

Lab ID: 2206654-002

Project:

CLIENT: Animas Environmental Services

BMG Hwy 537 2009 Release

Matrix: TRIP BLANK

Received Date: 6/11/2022 10:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analyst	: CCM
Benzene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R88827
Toluene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R88827
Ethylbenzene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R88827
Methyl tert-butyl ether (MTBE)	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R88827
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R88827
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R88827
1,2-Dichloroethane (EDC)	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
Naphthalene	ND	2.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
1-Methylnaphthalene	ND	4.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
2-Methylnaphthalene	ND	4.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
Acetone	ND	10	µg/L	1	6/17/2022 12:39:00 PM	R8882
Bromobenzene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
Bromodichloromethane	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
Bromoform	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
Bromomethane	ND	3.0	μg/L	1	6/17/2022 12:39:00 PM	R8882
2-Butanone	ND	10	μg/L	1	6/17/2022 12:39:00 PM	R8882
Carbon disulfide	ND	10	µg/L	1	6/17/2022 12:39:00 PM	R8882
Carbon Tetrachloride	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
Chlorobenzene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
Chloroethane	ND	2.0	μg/L	1	6/17/2022 12:39:00 PM	R8882
Chloroform	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R8882
Chloromethane	ND	3.0	μg/L	1	6/17/2022 12:39:00 PM	R8882
2-Chlorotoluene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
4-Chlorotoluene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
cis-1,2-DCE	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
cis-1,3-Dichloropropene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R8882
1,2-Dibromo-3-chloropropane	ND	2.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
Dibromochloromethane	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
Dibromomethane	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
1,2-Dichlorobenzene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
1,3-Dichlorobenzene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R8882
1,4-Dichlorobenzene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R8882
Dichlorodifluoromethane	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R8882
1,1-Dichloroethane	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R8882
1,1-Dichloroethene	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
1,2-Dichloropropane	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
1,3-Dichloropropane	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R8882
2,2-Dichloropropane	ND	2.0	µg/L	1	6/17/2022 12:39:00 PM	R8882

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

Qualifiers:

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

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

Analyte detected in the associated Method Blank в

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range RL Reporting Limit

Page 3 of 7

Lab ID:

Analytical Report Lab Order 2206654

Date Reported: 6/20/2022

CLIENT: Animas Environmental Services **Project:** BMG Hwy 537 2009 Release

2206654-002

Client Sample ID: Trip Blank Collection Date:

Matrix: TRIP BLANK Received Date: 6/11/2022 10:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analyst	: CCM
1,1-Dichloropropene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
Hexachlorobutadiene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
2-Hexanone	ND	10	μg/L	1	6/17/2022 12:39:00 PM	R88827
Isopropylbenzene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
4-Isopropyltoluene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
4-Methyl-2-pentanone	ND	10	μg/L	1	6/17/2022 12:39:00 PM	R88827
Methylene Chloride	ND	3.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
n-Butylbenzene	ND	3.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
n-Propylbenzene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
sec-Butylbenzene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
Styrene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
tert-Butylbenzene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
1,1,1,2-Tetrachloroethane	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
1,1,2,2-Tetrachloroethane	ND	2.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
Tetrachloroethene (PCE)	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
trans-1,2-DCE	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
trans-1,3-Dichloropropene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
1,2,3-Trichlorobenzene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
1,2,4-Trichlorobenzene	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
1,1,1-Trichloroethane	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
1,1,2-Trichloroethane	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
Trichloroethene (TCE)	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
Trichlorofluoromethane	ND	1.0	μg/L	1	6/17/2022 12:39:00 PM	R88827
1,2,3-Trichloropropane	ND	2.0	µg/L	1	6/17/2022 12:39:00 PM	R88827
Vinyl chloride	ND	1.0	µg/L	1	6/17/2022 12:39:00 PM	R88827
Xylenes, Total	ND	1.5	µg/L	1	6/17/2022 12:39:00 PM	R88827
Surr: 1,2-Dichloroethane-d4	89.7	70-130	%Rec	1	6/17/2022 12:39:00 PM	R88827
Surr: 4-Bromofluorobenzene	95.5	70-130	%Rec	1	6/17/2022 12:39:00 PM	R88827
Surr: Dibromofluoromethane	99.0	70-130	%Rec	1	6/17/2022 12:39:00 PM	R88827
Surr: Toluene-d8	97.2	70-130	%Rec	1	6/17/2022 12:39:00 PM	R88827

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

Page 4 of 7

Qualifiers:

Client:

Project:

Acetone

Bromobenzene

Bromomethane

Carbon disulfide

Chlorobenzene

Chloromethane

2-Chlorotoluene

Qualifiers:

D

Н

ND

PQL

S

Chloroethane

Chloroform

Carbon Tetrachloride

Bromoform

2-Butanone

Bromodichloromethane

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Animas Environmental Services

BMG Hwy 537 2009 Release

Value exceeds Maximum Contaminant Level

Holding times for preparation or analysis exceeded

Sample Diluted Due to Matrix

Practical Quanitative Limit

Not Detected at the Reporting Limit

ND

10

1.0

1.0

1.0

3.0

10

10

1.0

1.0

2.0

1.0

3.0

1.0

Anab	vte	detected	in	the	associated	Method	Blank
Ana	yu	uciccicu		unc	associated	wichiou	DIGHIK

Е Estimated value

J Analyte detected below quantitation limits

Р Sample pH Not In Range

в

RL Reporting Limit

% Recovery outside of range due to dilution or matrix interference

Sample ID: 100ng Ics SampType: LCS TestCode: EPA Method 8260B: VOLATILES Client ID: LCSW Batch ID: R88827 RunNo: 88827 Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154616 Units: µg/L Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154616 Units: µg/L Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Benzene 21 1.0 20.00 0 104 70 130
Toluene 21 1.0 20.00 0 104 70 130
Chlorobenzene 22 1.0 20.00 0 110 70 130
1,1-Dichloroethene 20 1.0 20.00 0 100 70 130
Trichloroethene (TCE) 20 1.0 20.00 0 101 70 130
Surr: 1,2-Dichloroethane-d4 8.8 10.00 88.3 70 130
Surr: 4-Bromofluorobenzene 9.9 10.00 99.1 70 130
Surr: Dibromofluoromethane 9.8 10.00 97.6 70 130
Surr: Toluene-d8 9.5 10.00 94.8 70 130
Surr: Toluene-d8 9.5 10.00 94.8 70 130
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R88827 RunNo: 88827
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R88827 RunNo: 88827 Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154617 Units: µg/L
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R88827 RunNo: 88827 Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154617 Units: µg/L Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R88827 RunNo: 88827 Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154617 Units: µg/L Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 1.0 Interval Inter
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R88827 RunNo: 88827 Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154617 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 Kenter Set Kente
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R88827 RunNo: 88827 Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154617 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 Toluene ND 1.0 Ethylbenzene ND 1.0 Toluene ND 1.0 Toluene ND 1.0
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R88827 RunNo: 88827 Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154617 Units: µg/L Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 1.0 Image: Comparison of the transformed
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R88827 RunNo: 88827 Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154617 Units: µg/L Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 1.0
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Image: Control of
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R88827 RunNo: 88827 Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154617 Units: µg/L Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 1.0
Surr: Toluene-d8 9.5 10.00 94.8 70 130 Sample ID: mb SampType: MBLK TestCode: EPA Method 8260B: VOLATILES Client ID: PBW Batch ID: R88827 RunNo: 88827 Prep Date: Analysis Date: 6/17/2022 SeqNo: 3154617 Units: µg/L Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual Benzene ND 1.0 <t< td=""></t<>

WO#: 2206654 20-Jun-22

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Client:Animas EProject:BMG Hw									
Sample ID: mb	SampT	уре: МВ	LK	Tes	tCode: EF	PA Method	8260B: VOLA	TILES	
Client ID: PBW	Batch	n ID: R88	3827	F	RunNo: 8	8827			
Prep Date:	Analysis D	Date: 6/1	7/2022	S	SeqNo: 3 [,]	154617	Units: µg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit
4-Chlorotoluene	ND	1.0							
cis-1,2-DCE	ND	1.0							
cis-1,3-Dichloropropene	ND	1.0							
1,2-Dibromo-3-chloropropane	ND	2.0							
Dibromochloromethane	ND	1.0							
Dibromomethane	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
Dichlorodifluoromethane	ND	1.0							
1,1-Dichloroethane	ND	1.0							
1,1-Dichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
1,3-Dichloropropane	ND	1.0							
2,2-Dichloropropane	ND	2.0							
1,1-Dichloropropene	ND	1.0							
Hexachlorobutadiene	ND	1.0							
2-Hexanone	ND	10							
Isopropylbenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
4-Methyl-2-pentanone	ND	10							
Methylene Chloride	ND	3.0							
n-Butylbenzene	ND	3.0							
n-Propylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
Styrene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	2.0							
Tetrachloroethene (PCE)	ND	1.0							
trans-1,2-DCE	ND	1.0							
trans-1,3-Dichloropropene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
1,1,1-Trichloroethane	ND	1.0							
1,1,2-Trichloroethane	ND	1.0							
Trichloroethene (TCE)	ND	1.0							
Trichlorofluoromethane	ND	1.0							
1,2,3-Trichloropropane	ND	2.0							

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 7

2206654

20-Jun-22

Qual

WO#:	2206654

20-J	un-22
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	Environme vy 537 200									
Sample ID: mb	Samp	Туре: МЕ	BLK	Tes	tCode: EF	PA Method	8260B: VOLA	TILES		
Client ID: PBW	Batc	h ID: R8	8827	F	RunNo: 88	3827				
Prep Date:	Analysis [Date: 6/	17/2022	S	SeqNo: 31	54617	Units: µg/L			
Analyte	Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0	SI IN Value		/orceo	LOWLINII	TilgitLittit	70111 D		Quai
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.8		10.00		88.5	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.3	70	130			
Surr: Dibromofluoromethane	9.7		10.00		96.9	70	130			
Surr: Toluene-d8	9.5		10.00		95.2	70	130			
Sample ID: 2206654-001ams	Samp	Type: MS	;	Tes	tCode: EF	PA Method	8260B: VOLA	TILES		
Client ID: MW-1	Batc	h ID: R8	8827	F	RunNo: 88	3827				
Prep Date:	Analysis [Date: 6/ *	17/2022	Ś	SeqNo: 31	154619	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	96	1.0	20.00	75.74	99.6	70	130			
Toluene	21	1.0	20.00	0.2760	102	70	130			
Chlorobenzene	21	1.0	20.00	0	107	70	130			
1,1-Dichloroethene	18	1.0	20.00	0	91.3	70	130			
Trichloroethene (TCE)	18	1.0	20.00	0	92.4	70	130			
Surr: 1,2-Dichloroethane-d4	8.3		10.00		82.5	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		95.9	70	130			
Surr: Dibromofluoromethane	9.3		10.00		93.4	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			
Sample ID: 2206654-001amsd	Samp ⁻	Туре: МS	D	Tes	tCode: EF	PA Method	8260B: VOLA	TILES		
Client ID: MW-1	Batc	h ID: R8	8827	F	RunNo: 88	3827				
Prep Date:	Analysis [Date: 6/	17/2022	S	SeqNo: 31	54620	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	94	1.0	20.00	75.74	91.5	70	130	1.72	20	
Toluene	20	1.0	20.00	0.2760	97.3	70	130	4.28	20	
Chlorobenzene	20	1.0	20.00	0	101	70	130	5.21	20	
1,1-Dichloroethene	18	1.0	20.00	0	89.0	70	130	2.50	20	
Trichloroethene (TCE)	18	1.0	20.00	0	90.9	70	130	1.59	20	
Surr: 1,2-Dichloroethane-d4	8.4		10.00		84.0	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.6		10.00		96.3	70	130	0	0	
Surr: Dibromofluoromethane	9.3		10.00		92.6	70	130	0	0	
Surr: Toluene-d8	10		10.00		99.6	70	130	0	0	

Qualifiers:

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

ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmer TEL: 505-345-3 Website: vrvv	49 Albuquer 975 FAX	01 Haw que, N1 : 505-3	kins NE M 87109 45-4107	Sai	mple Log-In	Page 84 Check List
Client Name: Animas Environmental Services	Work Order Num	ber: 220	06654			RcptN	lo: 1
Received By: Desiree Dominguez	6/11/2022 10:00:00	AM		T	N		
Completed By: Cheyenne Cason	6/13/2022 9:12:27	AM		1 les	i		
Reviewed By: JA6/13/22							
Chain of Custody							
1. Is Chain of Custody complete?		Yes		No		Not Present	
2. How was the sample delivered?		Cou	irier				
Log In						1.1	
3. Was an attempt made to cool the samples?		Yes	~	No		NA	
4. Were all samples received at a temperature of	>0° C to 6.0°C	Yes		No			
5. Sample(s) in proper container(s)?		Yes	~	No			
6. Sufficient sample volume for indicated test(s)?		Yes	~	No			
7. Are samples (except VOA and ONG) properly	preserved?	Yes	~	No			
8. Was preservative added to bottles?		Yes		No		NA 🗌	
9. Received at least 1 vial with headspace <1/4"	or AQ VOA?	Yes	~	No			
10. Were any sample containers received broken?	,	Yes		No	•	# of preserved	/
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes		No		bottles checked for pH:	er >12 unless noted)
12. Are matrices correctly identified on Chain of Cu	ustody?	Yes	V	No		Adjusted?	of 212 unless holed)
13. Is it clear what analyses were requested?		Yes				/	
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes				Checked by:	KPG 6.13
Special Handling (if applicable)							
15. Was client notified of all discrepancies with thi	s order?	Yes		No		NA 🔽	
Person Notified:	Date:	-	-		-		
By Whom:	Via:	🗌 eM	ail 🗌	Phone	Fax	In Person	
Regarding:							
Client Instructions:							
16. Additional remarks:							
17. Cooler Information Cooler No Temp °C Condition Sea 1 0.8 Good Yes	I Intact Seal No	Seal D	ate	Signed	Ву		

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Page 1 of 1

Client:			mental Services	Turn-Around Tim X Standard	e: □ Rush					CARLES IN			ENTA	
Mailing Ac	ddress:	PO Box	8	Project Name: BMG I	lwy 537 2009	Release		4901				4	NM 87109	
	÷	Farming	ton, NM 87499-0008	Project #:						15-3975		\$ 505-34	1.	
Phone #:	505-564	-2281					1				sis Req			
Email or F	ax#: alec	gerwood(@animasenvironmental.com	Project Manager:										
QA/QC Pac X Standai			□ Level 4 (Full Validation)		Angela Ledg Elizabeth Mo			8015)		10)				
Accreditat		7.37		Sampler:	J. Oyebi		- ₆	30	067)	//60				
		□ Other		On Ice:	0 Yes	□ No	826(J/MF	6-91	00.7				1
🗆 EDD (T	ype)			Sample Tempera	ture: 0.6+0	2=0.8%	Cs (DRC	V-84	n (2				
Date	Time 16:49	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL NO. 2206664	Full List VOCs (8260)	TPH -GRO/DRO/MRO (8015)	Phenols (SW-846-9067)	Dissolved Mn (200.7/6010)				
9-27	19:49	H ₂ O	MW-1	5- 40 mL VOA	HgCl2	00	×						_	T
		H2O	Trip Blanks	2-40mL VOA	2- HgCl2	602	x							
														ŀ
					1									╞
10/22	1605 Time: 1	Relinquished	mageri	Received by:	Var	Pate Time 10/22 1605 Pate Time	bmg@		ling.con	n	Benson	-Montin-G	ireer	
10/22	1748	In	s Was	DB C	ouries 4	11/22 10:00								

ay 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

October 13, 2022

Elizabeth McNally Animas Environmental Services 624 E. Comanche Farmington, NM 87401 TEL: FAX:

OrderNo.: 2209H39

Dear Elizabeth McNally:

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RE: BMG Hwy 537 2009 Release

Hall Environmental Analysis Laboratory received 2 sample(s) on 9/30/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report

Hall Environmental Analysis	I ahanatany Ina					Lab Order 2209H39	
Hall Environmental Analysis	Laboratory, Inc	•				Date Reported: 10/13/2	2022
CLIENT: Animas Environmental Services		Cli	ient Sa	ample I	D: MV	W-1	
Project: BMG Hwy 537 2009 Release		C	Collect	ion Dat	e: 9/2	8/2022 6:03:00 PM	
Lab ID: 2209H39-001	Matrix: AQUEOUS					0/2022 6:55:00 AM	
Analyses	Result	RL	Oual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES			C			Analys	
Benzene	160	10		µg/L	10	10/12/2022 2:22:22 PI	
Toluene	4.3	1.0			-	10/10/2022 2:22:22 FT	
Ethylbenzene	4.3 6.6	1.0		µg/L	1 1	10/10/2022 12:27:44 F	
	ND	1.0		µg/L	1	10/10/2022 12:27:44 F	
Methyl tert-butyl ether (MTBE) 1,2,4-Trimethylbenzene	24	1.0		µg/L	1	10/10/2022 12:27:44 F	
1,3,5-Trimethylbenzene	15	1.0		µg/L	1	10/10/2022 12:27:44 F	
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/10/2022 12:27:44 F	
1,2-Dibromoethane (EDB)	ND	1.0		μg/L μg/L	1	10/10/2022 12:27:44 F	
Naphthalene	6.6	2.0		μg/L	1	10/10/2022 12:27:44 F	
1-Methylnaphthalene	10	2.0 4.0		μg/L	1	10/10/2022 12:27:44 F	
2-Methylnaphthalene	12	4.0		μg/L	1	10/10/2022 12:27:44 F	
Acetone	ND	4.0 10		μg/L	1	10/10/2022 12:27:44 F	
Bromobenzene	ND	1.0		μg/L	1	10/10/2022 12:27:44 F	
Bromodichloromethane	ND	1.0		μg/L	1	10/10/2022 12:27:44 F	
Bromoform	ND	1.0		μg/L	1	10/10/2022 12:27:44 F	
Bromomethane	ND	3.0		μg/L	1	10/10/2022 12:27:44 F	
2-Butanone	ND	10		μg/L	1	10/10/2022 12:27:44 F	
Carbon disulfide	ND	10		μg/L	1	10/10/2022 12:27:44 F	
Carbon Tetrachloride	ND	1.0		μg/L	1	10/10/2022 12:27:44 F	
Chlorobenzene	ND	1.0		μg/L	1	10/10/2022 12:27:44 F	
Chloroethane	ND	2.0		μg/L	1	10/10/2022 12:27:44 F	
Chloroform	ND	2.0 1.0			1	10/10/2022 12:27:44 F	
Chloromethane	ND	3.0		µg/L	1	10/10/2022 12:27:44 F	
2-Chlorotoluene	ND	3.0 1.0		µg/L	1	10/10/2022 12:27:44 F	
4-Chlorotoluene	ND	1.0		µg/L	1	10/10/2022 12:27:44 F	
cis-1,2-DCE	ND	1.0		μg/L μg/L	1	10/10/2022 12:27:44 F	
cis-1,3-Dichloropropene	ND	1.0			1	10/10/2022 12:27:44 F	
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/10/2022 12:27:44 F	
Dibromochloromethane	ND	2.0 1.0		µg/L	1	10/10/2022 12:27:44 F	
Dibromomethane	ND	1.0		µg/L	1	10/10/2022 12:27:44 F	
1,2-Dichlorobenzene	ND	1.0		μg/L μg/L	1	10/10/2022 12:27:44 F	
1,3-Dichlorobenzene	ND	1.0		μg/L μg/L	1	10/10/2022 12:27:44 F	
1,4-Dichlorobenzene	ND	1.0		μg/L μg/L	1	10/10/2022 12:27:44 F	
Dichlorodifluoromethane	ND	1.0		μg/L μg/L	1	10/10/2022 12:27:44 F	
1,1-Dichloroethane	ND	1.0		μg/L μg/L	1	10/10/2022 12:27:44 F	
1,1-Dichloroethene	ND	1.0		μg/L	1	10/10/2022 12:27:44 F	
1,2-Dichloropropane	ND	1.0		μg/L	1	10/10/2022 12:27:44 F	
		1.0		µg/∟	1	10/10/2022 12.27.44 F	

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

1.0

2.0

ND

ND

Qualifiers: *

1,3-Dichloropropane

2,2-Dichloropropane

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

1

1

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

µg/L

µg/L

RL Reporting Limit

Page 1 of 10

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10/10/2022 12:27:44 PM R91679

10/10/2022 12:27:44 PM R91679

Analytical Report
Lab Order 2209H39

Hall Environmental Analysis	Laboratory, Inc					Date Reported: 10/13/	2022
CLIENT: Animas Environmental Services Project: BMG Hwy 537 2009 Release Lab ID: 2209H39-001	Matrix: AQUEOUS	(Collect		e: 9/2	W-1 8/2022 6:03:00 PM 0/2022 6:55:00 AM	
Analyses	Result		Qual			Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analys	st: JR
1,1-Dichloropropene	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
Hexachlorobutadiene	ND	1.0		µg/L	1	10/10/2022 12:27:44	
2-Hexanone	ND	10		µg/L	1	10/10/2022 12:27:44	
Isopropylbenzene	ND	1.0		µg/L	1	10/10/2022 12:27:44	
4-Isopropyltoluene	6.1	1.0		µg/L	1	10/10/2022 12:27:44	
4-Methyl-2-pentanone	ND	10		μg/L	1	10/10/2022 12:27:44	PM R91679
Methylene Chloride	ND	3.0		μg/L	1	10/10/2022 12:27:44	PM R91679
n-Butylbenzene	ND	3.0		μg/L	1	10/10/2022 12:27:44	PM R91679
n-Propylbenzene	1.3	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
sec-Butylbenzene	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
Styrene	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
tert-Butylbenzene	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/10/2022 12:27:44	PM R91679
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
trans-1,2-DCE	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
Trichlorofluoromethane	ND	1.0		µg/L	1	10/10/2022 12:27:44	PM R91679
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/10/2022 12:27:44 F	PM R91679
Vinyl chloride	ND	1.0		µg/L	1	10/10/2022 12:27:44 I	PM R91679
Xylenes, Total	39	1.5		µg/L	1	10/10/2022 12:27:44 I	PM R91679
Surr: 1,2-Dichloroethane-d4	101 7	70-130		%Rec	1	10/10/2022 12:27:44	PM R91679

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

115

94.1

103

70-130

70-130

70-130

* Value exceeds Maximum Contaminant Level.

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Surr: Toluene-d8

D Sample Diluted Due to Matrix

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

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

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

%Rec

%Rec

%Rec

1

1

1

RL Reporting Limit

Page 2 of 10

10/10/2022 12:27:44 PM R91679

10/10/2022 12:27:44 PM R91679

10/10/2022 12:27:44 PM R91679

Qualifiers:

Project:

Lab ID:

Analytical Report Lab Order 2209H39

Date Reported: 10/13/2022

Client Sample ID: Trip Blank **Collection Date:**

CLIENT: Animas Environmental Services

2209H39-002

BMG Hwy 537 2009 Release

Matrix: TRIP BLANK Received Date: 9/30/2022 6:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analys	t: JR
Benzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Toluene	ND	1.0	μg/L	1	10/10/2022 1:53:27 PM	1 R91679
Ethylbenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Methyl tert-butyl ether (MTBE)	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
1,2-Dichloroethane (EDC)	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Naphthalene	ND	2.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
1-Methylnaphthalene	ND	4.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
2-Methylnaphthalene	ND	4.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Acetone	ND	10	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Bromobenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Bromodichloromethane	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Bromoform	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Bromomethane	ND	3.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
2-Butanone	ND	10	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Carbon disulfide	ND	10	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Carbon Tetrachloride	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Chlorobenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Chloroethane	ND	2.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Chloroform	ND	1.0	μg/L	1	10/10/2022 1:53:27 PM	1 R91679
Chloromethane	ND	3.0	μg/L	1	10/10/2022 1:53:27 PM	1 R91679
2-Chlorotoluene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
4-Chlorotoluene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
cis-1,2-DCE	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
cis-1,3-Dichloropropene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
1,2-Dibromo-3-chloropropane	ND	2.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
Dibromochloromethane	ND	1.0	μg/L	1	10/10/2022 1:53:27 PM	1 R91679
Dibromomethane	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
1,2-Dichlorobenzene	ND	1.0	μg/L	1	10/10/2022 1:53:27 PM	1 R91679
1,3-Dichlorobenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	1 R91679
1,4-Dichlorobenzene	ND	1.0	μg/L	1	10/10/2022 1:53:27 PM	1 R91679
Dichlorodifluoromethane	ND	1.0	μg/L	1	10/10/2022 1:53:27 PM	1 R91679
1,1-Dichloroethane	ND	1.0	μg/L	1	10/10/2022 1:53:27 PM	
1,1-Dichloroethene	ND	1.0	μg/L	1	10/10/2022 1:53:27 PM	
1,2-Dichloropropane	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	
1,3-Dichloropropane	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	
2,2-Dichloropropane	ND	2.0	µg/L	1	10/10/2022 1:53:27 PM	

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

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

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

Page 3 of 10

Lab ID:

Analytical Report Lab Order 2209H39

Date Reported: 10/13/2022

CLIENT: Animas Environmental Services **Project:** BMG Hwy 537 2009 Release

2209H39-002

Client Sample ID: Trip Blank **Collection Date:**

Matrix: TRIP BLANK _

Received Date: 9/30/2022 6:55:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analyst	JR
1,1-Dichloropropene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
Hexachlorobutadiene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
2-Hexanone	ND	10	µg/L	1	10/10/2022 1:53:27 PM	R91679
Isopropylbenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
4-Isopropyltoluene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
4-Methyl-2-pentanone	ND	10	µg/L	1	10/10/2022 1:53:27 PM	R91679
Methylene Chloride	ND	3.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
n-Butylbenzene	ND	3.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
n-Propylbenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
sec-Butylbenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
Styrene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
tert-Butylbenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
trans-1,2-DCE	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
1,1,1-Trichloroethane	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
1,1,2-Trichloroethane	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
Trichloroethene (TCE)	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
Trichlorofluoromethane	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
1,2,3-Trichloropropane	ND	2.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
Vinyl chloride	ND	1.0	µg/L	1	10/10/2022 1:53:27 PM	R91679
Xylenes, Total	ND	1.5	µg/L	1	10/10/2022 1:53:27 PM	R91679
Surr: 1,2-Dichloroethane-d4	112	70-130	%Rec	1	10/10/2022 1:53:27 PM	R91679
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	10/10/2022 1:53:27 PM	R91679
Surr: Dibromofluoromethane	113	70-130	%Rec	1	10/10/2022 1:53:27 PM	R91679
Surr: Toluene-d8	102	70-130	%Rec	1	10/10/2022 1:53:27 PM	R91679

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

Page 4 of 10

Qualifiers:

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Animas Environmental Services

Project: BMG H	Iwy 537 200	9 Relea	ise							
Sample ID: 100ng lcs	Samp	ype: LC	S	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: LCSW	Batc	h ID: R9	1679	F	RunNo: 9	1679				
Prep Date:	Analysis [Date: 10)/10/2022	S	SeqNo: 3	285252	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	101	70	130			
Toluene	21	1.0	20.00	0	104	70	130			
Chlorobenzene	21	1.0	20.00	0	103	70	130			
1,1-Dichloroethene	18	1.0	20.00	0	88.4	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	99.3	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		105	70	130			
Surr: Dibromofluoromethane	11		10.00		109	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			
Sample ID: 100ng Ics2	Samp	ype: LC	S	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: LCSW	Batc	h ID: R9	1679	F	RunNo: 9	1679				
Prep Date:	Analysis [Date: 10	0/10/2022	S	SeqNo: 3	285253	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	111	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Chlorobenzene	20	1.0	20.00	0	98.6	70	130			
1,1-Dichloroethene	17	1.0	20.00	0	86.8	70	130			
Trichloroethene (TCE)	21	1.0	20.00	0	104	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		106	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		97.9	70	130			
Surr: Dibromofluoromethane	12		10.00		118	70	130			
Surr: Toluene-d8	9.8		10.00		98.1	70	130			
Sample ID: 2209h39-001am	s Samp	уре: М	3	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: MW-1	Batc	n ID: R9	1679	F	RunNo: 9	1679				
Prep Date:	Analysis [Date: 10)/10/2022	S	SeqNo: 3	285255	Units: µg/L			
Analyte	Result	PQL		SPK Ref Val		LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	240	1.0	20.00	283.2	-220	70	130			ES
Toluene	24	1.0	20.00	4.269	100	70	130			
Chlorobenzene	21	1.0	20.00	0.9182	100	70	130			
1,1-Dichloroethene	15	1.0	20.00	0	75.9	70	130			
Trichloroethene (TCE)	26	1.0	20.00	0	128	70	130			
Surr: 1,2-Dichloroethane-d4	8.9		10.00		89.5	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	9.1		10.00		91.2	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Qualifiers:

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

ND Not Detected at the Reporting Limit

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

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

WO#: **2209H39**

Client:

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Animas Environmental Services

Project: BMG Hw	y 537 200	9 Relea	ise							
Sample ID: 2209h39-001amsd	SampT	ype: MS	SD	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: MW-1	Batch	ID: R9	1679	F	RunNo: 9	1679				
Prep Date:	Analysis D	ate: 10	0/10/2022	S	SeqNo: 3	285256	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	230	1.0	20.00	283.2	-247	70	130	2.30	20	ES
Toluene	23	1.0	20.00	4.269	94.8	70	130	4.51	20	
Chlorobenzene	20	1.0	20.00	0.9182	97.3	70	130	2.85	20	
1,1-Dichloroethene	14	1.0	20.00	0	69.0	70	130	9.59	20	S
Trichloroethene (TCE)	23	1.0	20.00	0	114	70	130	11.9	20	
Surr: 1,2-Dichloroethane-d4	8.5		10.00		85.3	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.5		10.00		94.7	70	130	0	0	
Surr: Dibromofluoromethane	9.2		10.00		91.9	70	130	0	0	
Surr: Toluene-d8	10		10.00		100	70	130	0	0	
Sample ID: mb	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batch	ID: R9	1679	F	RunNo: 9	1679				
Prep Date:	Analysis D	ate: 10	0/10/2022	S	SeqNo: 3	285288	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								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								

Qualifiers:

2-Chlorotoluene

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

ND

1.0

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

WO#: 2209H39

				_						
Sample ID: mb		ype: ME					8260B: VOL	ATILES		
Client ID: PBW	Batcl	h ID: R9	1679	F	RunNo: 9	1679				
Prep Date:	Analysis D	Date: 10)/10/2022		SeqNo: 3	285288	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

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

2209H39

13-Oct-22

Client: Anima	s Environme	ntal Ser	vices							
Project: BMG	Hwy 537 200	9 Relea	ase							
Sample ID: mb	SampT	Гуре: М	BLK	Tes	tCode: E	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batc	h ID: R9	1679	F	RunNo: 9	91679				
Prep Date:	Analysis E	Date: 10	0/10/2022	S	SeqNo: 3	3285288	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		109	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	11		10.00		110	70	130			
Surr: Toluene-d8	10		10.00		99.9	70	130			
Sample ID: mb2	SampT	Гуре: М	BLK	Tes	tCode: E	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batc	h ID: R9	1679	F	RunNo:	91679				
Prep Date:	Analysis E	Date: 10	0/11/2022	Ś	SeqNo: :	3285289	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								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	3.0 1.0								
2-Chlorotoluene	ND	1.0								
cis-1,2-DCE										
	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								

Qualifiers:

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

Page 8 of 10

WO#: 2209H39 13-Oct-22

	nimas Environme MG Hwy 537 200								
Sample ID: mb2	Samp	Type: MBLK	Tes	stCode: E	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batc	h ID: R91679	1	RunNo: 9	1679				
Prep Date:	Analysis I	Date: 10/11/2022	:	SeqNo: 3	285289	Units: µg/L			
Analyte	Result	PQL SPK value	e SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	e ND	2.0							
Dibromochloromethane	ND	1.0							
Dibromomethane	ND	1.0							
1,2-Dichlorobenzene	ND	1.0							
1,3-Dichlorobenzene	ND	1.0							
1,4-Dichlorobenzene	ND	1.0							
Dichlorodifluoromethane	ND	1.0							
1,1-Dichloroethane	ND	1.0							
1,1-Dichloroethene	ND	1.0							
1,2-Dichloropropane	ND	1.0							
1,3-Dichloropropane	ND	1.0							
2,2-Dichloropropane	ND	2.0							
1,1-Dichloropropene	ND	1.0							
Hexachlorobutadiene	ND	1.0							
2-Hexanone	ND	10							
Isopropylbenzene	ND	1.0							
4-Isopropyltoluene	ND	1.0							
4-Methyl-2-pentanone	ND	10							
Methylene Chloride	ND	3.0							
n-Butylbenzene	ND	3.0							
n-Propylbenzene	ND	1.0							
sec-Butylbenzene	ND	1.0							
Styrene	ND	1.0							
tert-Butylbenzene	ND	1.0							
1,1,1,2-Tetrachloroethane	ND	1.0							
1,1,2,2-Tetrachloroethane	ND	2.0							
Tetrachloroethene (PCE)	ND	1.0							
trans-1,2-DCE	ND	1.0							
trans-1,3-Dichloropropene	ND	1.0							
1,2,3-Trichlorobenzene	ND	1.0							
1,2,4-Trichlorobenzene	ND	1.0							
1,1,1-Trichloroethane	ND	1.0							
1,1,2-Trichloroethane	ND	1.0							
Trichloroethene (TCE)	ND	1.0							
Trichlorofluoromethane	ND	1.0							
1,2,3-Trichloropropane	ND	2.0							
Vinyl chloride	ND	1.0							
Xylenes, Total	ND	1.5							
Surr: 1,2-Dichloroethane-c		10.00)	121	70	130			

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

B Analyte detected in the associated Method Blank

E Estimated value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 9 of 10

2209H39

13-Oct-22

	Environmer wy 537 200									
Sample ID: mb2	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8260B: VOL/	ATILES		
Client ID: PBW	Batch	n ID: R9	1679	F	RunNo: 9	1679				
Prep Date:	Analysis D	Date: 10	/11/2022	S	SeqNo: 32	285289	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	12		10.00		121	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			
Sample ID: 100ng lcs4 2	SampT	ype: LC	S4	Tes	tCode: EF	PA Method	8260B: VOL/	ATILES		
Client ID: BatchQC	Batch	n ID: R9	1752	F	RunNo: 9	1752				
Prep Date:	Analysis D	Date: 10	/12/2022	S	SeqNo: 32	289356	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	110	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		96.9	70	130			
Surr: 4-Bromofluorobenzene	8.5		10.00		85.4	70	130			
Surr: Dibromofluoromethane	11		10.00		115	70	130			
Surr: Toluene-d8	9.4		10.00		94.4	70	130			
Sample ID: mb	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8260B: VOL/	ATILES		
Client ID: PBW	Batch	h ID: R9	1752	F	RunNo: 9	1752				
Prep Date:	Analysis D	Date: 10	/12/2022	S	SeqNo: 32	289374	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Surr: 1,2-Dichloroethane-d4	11		10.00		108	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		94.6	70	130			
Surr: Dibromofluoromethane	12		10.00		118	70	130			
Surr: Toluene-d8	9.5		10.00		95.4	70	130			

Qualifiers:

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

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2209H39

13-Oct-22

		3/2023 9:1. Ronment Ysis Ratory		TE	ll Environme L: 505-345-2 Website: ww	49 Albuquer 1975 FAX:	01 Hawn que, NN 505-34	kins NE 1 87109 15-4107	Sai	mple Log-In Check Li	Page 97 ist
¢	lient Name:	Animas Er Services	vironmental	Work	Order Num	ber: 220	9Н39 1) _ ^	2.2		RcptNo: 1	
Re	eceived By:	Juan Roja	as	9/30/20	22 10:50:00	AM	2. W	- Au	ansay		
	ompleted By: eviewed By:	Sean Livi	ngston O-72	9/30/20	22 11:06:42	2 AM			S-L	not-	
Ch	nain of Cus	tody									
1.	Is Chain of C	ustody comp	olete?			Yes		٢	lo 🗆	Not Present	
2.	How was the	sample deliv	vered?			Cou	rier				
_	og In									1.	
3.	Was an atten	npt made to o	cool the samp	les?		Yes		N	lo 🗌		
4.	Were all samp	oles received	l at a temperat	ture of >0° C	to 6.0°C	Yes		N	•		
5.	Sample(s) in	proper conta	iner(s)?			Yes		N	•		
6.	Sufficient sam	ple volume f	or indicated te	est(s)?		Yes		N	• 🗆		
7.	Are samples (except VOA	and ONG) pro	perly preserve	ed?	Yes	\checkmark	N	•		
8.	Was preserva	tive added to	bottles?			Yes		N	•	NA 🗌	
9. 1	Received at le	ast 1 vial wit	h headspace ·	<1/4" for AQ V	OA?	Yes	~	N	• 🗆		
10.	Were any san	nple containe	ers received b	roken?		Yes		N	• 🔽	# of preserved	
	Does paperwo (Note discrepa		ttle labels? ain of custody))		Yes	•	N	• 🗆	bottles checked for pH: (<2 or >12 unless n	oted)
12.1	Are matrices o	orrectly iden	tified on Chair	n of Custody?		Yes	~	N		Adjusted?	
13.1	Is it clear what	analyses we	ere requested'	?		Yes		N			
	Were all holdin (If no, notify cu	the second se				Yes	\checkmark	N	• 🗆	Checked by: JN 9/30	155
Spe	cial Handl	ing (if app	olicable)								
15.	Was client no	tified of all di	iscrepancies w	vith this order?		Yes		N	• 🗆	NA 🔽	
	Person	Notified:			Date	-			-		
	By Who	m:			Via:	🗌 eM	ail 🗌	Phone [Fax	🗌 In Person	
	Regardi Client Ir	ng: Istructions:									
16.	Additional rer										
	Cooler Infor										
	Cooler No	Temp °C 0.5	Condition Good	Seal Intact	Seal No	Seal D	ate	Signe	d By		

.

Page 1 of 1

Client:			nental Services	Turn-Around Time: X Standard								ONME ABOR/			
Mailing A	ddress:	PO Box	8		Hwy 537 2009	Polozso	4901 Hawkins NE - Albuquerque, NM 87109								
			ton, NM 87499-0008	Project #:	Wy 337 2003	Kelease	-		OCD: 4/3/						
Phone #:	505-564						Tel. 505-345-3975 Fax 505-345-4107 Analysis Request								
			@animasenvironmental.com	Project Manager:									1	23 9	
QA/QC Pa X Standa	ckage:		Level 4 (Full Validation)		Angela Ledg Elizabeth Mo			(8015)		10)				9:12:43 AM	
Accredita				Sampler:	J. Oyebi		- 6	RO	067	7/60				M	
		□ Other		and the second sec	-B-Yes	□ No	(826	W/C	46-9	200.				or N)	
	l ype)	-		Sample Tempera	ture: 0.500	0.5	Cs –	DR(N-8.	1n (2				ک ک	
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 2209H39	Full List VOCs (8260)	TPH -GRO/DRO/MRO (8015)	Phenols (SW-846-9067)	Dissolved Mn (200.7/6010)				Air Bubbles (Y or N)	
9-28-22	18:03	H ₂ O	MW-1	5- 40 mL VOA	HgCl2	100	x								
		H2O	Trip Blanks	2-40mL VOA	2- HgCl2	002	x								
Date:	Time:	Relinquisție	d by:	Received by:		Date Time	Pomor	ka: Play	ana hill	direct to	Panaan	Mantin Cre			
9/29/22 Date:1 9/29/22	1342 Time:	Relinquishe	on Ophi	Received by:	- 9/2	$\frac{9/12}{1342}$ Date Time	bmg@	bmgdril	ling.con	n	Benson-I	Montin-Gre	er	Page 98 oj	
9/29/12 Date: 9/29/22	1746	An	st Walk	An	writer gt	30/22 6:55	Call wi	Call with any questions.							



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

January 06, 2023

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

RE: BMG Hwy 537 2009 Release

OrderNo.: 2212C91

Dear Angela Ledgerwood:

Hall Environmental Analysis Laboratory received 2 sample(s) on 12/22/2022 for the analyses presented in the following report.

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

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

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

Sincerely,

Ander

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical Report Lab Order 2212C91

Data	Reported:	1/6/2022
Date	Reported:	1/0/2023

Hall Eı	nvironmental Analysis I	Laboratory, l	[nc.				Lab Order 2212C91 Date Reported: 1/6/202 .	3
CLIENT: Project: Lab ID:	Animas Environmental Services BMG Hwy 537 2009 Release 2212C91-001	Matrix: AQUEO	(Collec		e: 12/	W-1 /21/2022 11:57:00 AM /22/2022 6:45:00 AM	I
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch
	THOD 8015D: GASOLINE RANGE	Ξ					Analyst	CCM
Gasoline	Range Organics (GRO)	3.1	0.10		mg/L	2	12/28/2022 6:34:00 PM	R93606
Surr: E		231	70-130	S	%Rec	2	12/28/2022 6:34:00 PM	R93606
	THOD 8260B: VOLATILES						Analyst	CCM
Benzene		380	5.0	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Toluene		ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Ethylben	zene	11	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
•	ert-butyl ether (MTBE)	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
-	methylbenzene	20	10	D	μg/L	10	12/30/2022 4:11:00 PM	R93650
1,3,5-Trii	methylbenzene	14	10	D	μg/L	10	12/30/2022 4:11:00 PM	R93650
1,2-Dichl	loroethane (EDC)	ND	5.0	D	μg/L	10	12/30/2022 4:11:00 PM	R93650
1,2-Dibro	omoethane (EDB)	ND	10	D	μg/L	10	12/30/2022 4:11:00 PM	R93650
Naphthal	lene	ND	20	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1-Methyli	naphthalene	ND	40	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
2-Methylı	naphthalene	ND	40	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Acetone		ND	100	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Bromobe	enzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Bromodio	chloromethane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Bromofor	rm	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Bromome	ethane	ND	30	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
2-Butano	one	ND	100	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Carbon d	disulfide	ND	100	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Carbon T	Fetrachloride	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Chlorobe	enzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Chloroeth	hane	ND	20	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Chlorofor	rm	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Chlorome	ethane	ND	30	D	µg/L	10	12/30/2022 4:11:00 PM	R9365
2-Chlorot	toluene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
4-Chlorot	toluene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
cis-1,2-D	DCE	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
cis-1,3-D	Dichloropropene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1,2-Dibro	omo-3-chloropropane	ND	20	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Dibromo	chloromethane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
Dibromor	methane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1,2-Dichl	lorobenzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1,3-Dichl	lorobenzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1,4-Dichl	lorobenzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R9365
Dichloroo	difluoromethane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R9365
1,1-Dichl	loroethane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650

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

Qualifiers:

Analyte detected in the associated Method Blank В

Е Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits Р

Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit

Value exceeds Maximum Contaminant Level.

PQL Practical Quanitative Limit

Sample Diluted Due to Matrix

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

Sample pH Not In Range

RL Reporting Limit Page 1 of 8

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Hall Environmental Analysis Laboratory, Inc.

Analytical Report Lab Order 2212C91

Date Reported: 1/6/2023

CLIENT:	: Animas Environmental Services		Client Sample	ID: MW-1			
Project:	BMG Hwy 537 2009 Release		Collection Da	ate: 12/21/2022 11:57:00 A	M		
Lab ID: 2212C91-001 Matrix: AQUEOUS Received Date: 12/22/2022 6:45:00 AM							
Analyses	3	Result	RL Qual Units	B DF Date Analyzed	Batch		
EPA ME	THOD 8260B: VOLATILES			Analy	/st: CCM		

		-					•	
1	,2-Dichloropropane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1	,3-Dichloropropane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
2	2,2-Dichloropropane	ND	20	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1	,1-Dichloropropene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
H	lexachlorobutadiene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
2	2-Hexanone	ND	100	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
I	sopropylbenzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
2	I-Isopropyltoluene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
2	I-Methyl-2-pentanone	ND	100	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
ſ	Methylene Chloride	ND	30	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
r	n-Butylbenzene	ND	30	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
r	n-Propylbenzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
5	ec-Butylbenzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
5	Styrene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
t	ert-Butylbenzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1	,1,1,2-Tetrachloroethane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1	,1,2,2-Tetrachloroethane	ND	20	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
٦	Fetrachloroethene (PCE)	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
t	rans-1,2-DCE	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
t	rans-1,3-Dichloropropene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1	,2,3-Trichlorobenzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1	,2,4-Trichlorobenzene	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1	,1,1-Trichloroethane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1	,1,2-Trichloroethane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
٦	Trichloroethene (TCE)	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
٦	Trichlorofluoromethane	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
1	,2,3-Trichloropropane	ND	20	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
١	/inyl chloride	ND	10	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
>	Kylenes, Total	20	15	D	µg/L	10	12/30/2022 4:11:00 PM	R93650
	Surr: 1,2-Dichloroethane-d4	93.2	70-130	D	%Rec	10	12/30/2022 4:11:00 PM	R93650
	Surr: 4-Bromofluorobenzene	102	70-130	D	%Rec	10	12/30/2022 4:11:00 PM	R93650
	Surr: Dibromofluoromethane	96.0	70-130	D	%Rec	10	12/30/2022 4:11:00 PM	R93650
	Surr: Toluene-d8	102	70-130	D	%Rec	10	12/30/2022 4:11:00 PM	R93650

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

- 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

Page 2 of 8

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Analytical Report Lab Order 2212C91

Date Reported: 1/6/2023

Hall Environmental Analysis Laboratory, Inc.

Client Sample ID: Trip Blank **Collection Date:**

BMG Hwy 537 2009 Release **Project:** 2212C91-002 Lab ID:

CLIENT: Animas Environmental Services

Matrix: TRIP BLANK Received Date: 12/22/2022 6:45:00 AM

Surr: BFB 104 70-130 %Rec 1 12/28/2022 6:53:00 PM R93606 EPA METHOD 8260B: VOLATILES Analyst: CCM Benzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Ethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 L/2.4-Timethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1.2.4-Timethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1.3.5-Trimethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1.2-Dibromoethane (EDC) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Naphthalene ND 4.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Adetone ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Adetone ND 1.0 µg/L 1 12/30/2022 5:	Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
Surr: BFB 104 70-130 %Rec 1 12/28/2022 6:53:00 PM R93606 EPA METHOD 8260B: VOLATILES Analyst: CCM Benzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Ethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Li/L+Timethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1.2-4-Timethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1.3-5-Trimethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1.2-Dibromoethane (EDC) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Naphthalene ND 4.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Acetone ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Acetone ND 1.0 µg/L 1 12/30/2022 5:1	EPA METHOD 8015D: GASOLINE RANGE					Analyst	CCM
EPA METHOD 8260B: VOLATILES Analyst: CCM Benzene ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 Toluene ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 Ehylbenzene ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 1,2-Lichioresthane (EDC) ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 1,2-Dichioresthane (EDC) ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 1,2-Dichioresthane (EDC) ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 1,2-Dichioresthane (EDB) ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 1-Methylnaphthalene ND 4.0 µg/L 1 12/30/2022 519:00 PM R93650 Bromokenzene ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 Bromokenzene ND 1.0 µg/L 1 12/30/2022 519:00 PM <t< td=""><td>Gasoline Range Organics (GRO)</td><td>ND</td><td>0.050</td><td>mg/L</td><td>1</td><td>12/28/2022 6:53:00 PM</td><td>R93606</td></t<>	Gasoline Range Organics (GRO)	ND	0.050	mg/L	1	12/28/2022 6:53:00 PM	R93606
Benzene ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 Toluene ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 Ethylbenzene ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 1, 4-Trimethylbenzene ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 1, 2-Dichlorosethane (EDC) ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 1, 2-Dichlorosethane (EDC) ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 1, 2-Dichlorosethane (EDB) ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 1-Methylnaphthalene ND 0.0 µg/L 1 12/30/2022 519:00 PM R93650 2-Methylnaphthalene ND 0.0 µg/L 1 12/30/2022 519:00 PM R93650 2-Methylnaphthalene ND 1.0 µg/L 1 12/30/2022 519:00 PM R93650 Bromoderizone	Surr: BFB	104	70-130	%Rec	1	12/28/2022 6:53:00 PM	R93606
Toluene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bethyltert-buljether (MTBE) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1.2,4-Trimethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1.3-5-Trimethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1.2-Dictomoethane (EDC) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Naphthalene ND 2.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1.2-Dicromethane (EDB) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Acetone ND 4.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromobenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromobenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromoform ND	EPA METHOD 8260B: VOLATILES					Analyst	ссм
Toluene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Ethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Methyl tert-burg ether (NTBE) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,2-6-Trimethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,2-Ditromethane (EDC) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,2-Ditromethane (EDB) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1-Methylnaphthalene ND 4.0 µg/L 1 12/30/2022 5:19:00 PM R93650 2-Methylnaphthalene ND 4.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromodichiorenthane ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromodichiorenthane ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromodichiore	Benzene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
Ethylbenzene ND 1.0 µg/L 1 1/230/2022 5:19:00 PM R93650 Methyl ter-butyl ether (MTEE) ND 1.0 µg/L 1 1/2/30/2022 5:19:00 PM R93650 1,2,4-Trimethylbenzene ND 1.0 µg/L 1 1/2/30/2022 5:19:00 PM R93650 1,2-Dichloroethane (EDC) ND 1.0 µg/L 1 1/2/30/2022 5:19:00 PM R93650 1,2-Dichloroethane (EDB) ND 1.0 µg/L 1 1/2/30/2022 5:19:00 PM R93650 1-Methylnaphthalene ND 4.0 µg/L 1 1/2/30/2022 5:19:00 PM R93650 2-Methylnaphthalene ND 4.0 µg/L 1 1/2/30/2022 5:19:00 PM R93650 Bromodenzene ND 1.0 µg/L 1 1/2/30/2022 5:19:00 PM R93650 Bromodichloromethane ND 1.0 µg/L 1 1/2/30/2022 5:19:00 PM R93650 Bromodichloromethane ND 1.0 µg/L 1 1/2/30/2022 5:19:00 PM R93650	Toluene	ND	1.0		1	12/30/2022 5:19:00 PM	R93650
Methyl tert-butyl ether (MTBE) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,3,6-Trimethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,2-Dichroroethane (EDC) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,2-Dichroroethane (EDC) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Naphthalene ND 2.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1-Methylnaphthalene ND 4.0 µg/L 1 12/30/2022 5:19:00 PM R93650 2-Methylnaphthalene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromocion ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromocion ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromocion ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromocion	Ethylbenzene	ND	1.0		1	12/30/2022 5:19:00 PM	R93650
1,2,4-Trimethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,3-Dichloroethane (EDC) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,2-Dicromoethane (EDB) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Naphthalene ND 2.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1-Methylnaphthalene ND 4.0 µg/L 1 12/30/2022 5:19:00 PM R93650 2-Methylnaphthalene ND 4.0 µg/L 1 12/30/2022 5:19:00 PM R93650 3-Contore ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromobenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromodorm ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Grabon disulfide ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Chlorobenzene ND		ND	1.0		1	12/30/2022 5:19:00 PM	R93650
1,3,5-Trimethylbenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,2-Dibromoethane (EDC) ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Naphthalene ND 2.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1-Methylnaphthalene ND 4.0 µg/L 1 12/30/2022 5:19:00 PM R93650 2-Methylnaphthalene ND 4.0 µg/L 1 12/30/2022 5:19:00 PM R93650 2-Methylnaphthalene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromobenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromoderm ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Bromoderm ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Carbon fisuffide ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Carbon fisuffide ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650		ND	1.0		1		
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4-ChlorotolueneND1.0µg/L112/30/2022 5:19:00 PMR93650cis-1,2-DCEND1.0µg/L112/30/2022 5:19:00 PMR93650cis-1,3-DichloropropeneND1.0µg/L112/30/2022 5:19:00 PMR936501,2-Dibromo-3-chloropropaneND2.0µg/L112/30/2022 5:19:00 PMR93650DibromochloromethaneND1.0µg/L112/30/2022 5:19:00 PMR93650DibromochloromethaneND1.0µg/L112/30/2022 5:19:00 PMR936501,2-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,3-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,4-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR93650DichlorodifluoromethaneND1.0µg/L112/30/2022 5:19:00 PMR936501,1-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,1-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,1-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,1-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,1-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,1-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PM	2-Chlorotoluene	ND	1.0		1		R93650
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1,2-Dibromo-3-chloropropaneND2.0µg/L112/30/2022 5:19:00 PMR93650DibromochloromethaneND1.0µg/L112/30/2022 5:19:00 PMR93650DibromomethaneND1.0µg/L112/30/2022 5:19:00 PMR936501,2-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,3-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,4-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,4-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,1-DichloroethaneND1.0µg/L112/30/2022 5:19:00 PMR936501,1-DichloroethaneND1.0µg/L112/30/2022 5:19:00 PMR93650	cis-1,3-Dichloropropene	ND	1.0		1	12/30/2022 5:19:00 PM	R93650
DibromochloromethaneND1.0µg/L112/30/2022 5:19:00 PMR93650DibromomethaneND1.0µg/L112/30/2022 5:19:00 PMR936501,2-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,3-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,4-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR936501,4-DichlorobenzeneND1.0µg/L112/30/2022 5:19:00 PMR93650DichlorodifluoromethaneND1.0µg/L112/30/2022 5:19:00 PMR936501,1-DichloroethaneND1.0µg/L112/30/2022 5:19:00 PMR93650		ND	2.0		1		R93650
Dibromomethane ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,2-Dichlorobenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,3-Dichlorobenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,3-Dichlorobenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,4-Dichlorobenzene ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 Dichlorodifluoromethane ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,1-Dichloroethane ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650		ND	1.0		1	12/30/2022 5:19:00 PM	R93650
1,2-DichlorobenzeneND1.0μg/L112/30/2022 5:19:00 PMR936501,3-DichlorobenzeneND1.0μg/L112/30/2022 5:19:00 PMR936501,4-DichlorobenzeneND1.0μg/L112/30/2022 5:19:00 PMR93650DichlorodifluoromethaneND1.0μg/L112/30/2022 5:19:00 PMR936501,1-DichloroethaneND1.0μg/L112/30/2022 5:19:00 PMR93650	Dibromomethane	ND	1.0		1	12/30/2022 5:19:00 PM	R93650
1,3-DichlorobenzeneND1.0μg/L112/30/2022 5:19:00 PMR936501,4-DichlorobenzeneND1.0μg/L112/30/2022 5:19:00 PMR93650DichlorodifluoromethaneND1.0μg/L112/30/2022 5:19:00 PMR936501,1-DichloroethaneND1.0μg/L112/30/2022 5:19:00 PMR936501,1-DichloroethaneND1.0μg/L112/30/2022 5:19:00 PMR93650	1,2-Dichlorobenzene				1		R93650
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Dichlorodifluoromethane ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650 1,1-Dichloroethane ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650	-			. •			R93650
1,1-Dichloroethane ND 1.0 µg/L 1 12/30/2022 5:19:00 PM R93650					1		R93650
	1,1-Dichloroethane	ND	1.0		1	12/30/2022 5:19:00 PM	R93650
	1,1-Dichloroethene	ND	1.0		1	12/30/2022 5:19:00 PM	R93650

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

Qualifiers:

в Analyte detected in the associated Method Blank

Е Above Quantitation Range/Estimated Value

J

Sample Diluted Due to Matrix ND Not Detected at the Reporting Limit

Value exceeds Maximum Contaminant Level.

Holding times for preparation or analysis exceeded

PQL Practical Quanitative Limit

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

Analyte detected below quantitation limits

Sample pH Not In Range Р

RL Reporting Limit Page 3 of 8

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Analytical Report Lab Order 2212C91

Date Reported: 1/6/2023

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Animas Environmental Services BMG Hwy 537 2009 Release **Project:** 2212C91-002 Lab ID:

Collection Date:

Client Sample ID: Trip Blank

Matrix: TRIP BLANK Received Date: 12/22/2022 6:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analyst	ССМ
1,2-Dichloropropane	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
1,3-Dichloropropane	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
2,2-Dichloropropane	ND	2.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
1,1-Dichloropropene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
Hexachlorobutadiene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
2-Hexanone	ND	10	µg/L	1	12/30/2022 5:19:00 PM	R93650
Isopropylbenzene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
4-Isopropyltoluene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
4-Methyl-2-pentanone	ND	10	µg/L	1	12/30/2022 5:19:00 PM	R93650
Methylene Chloride	ND	3.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
n-Butylbenzene	ND	3.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
n-Propylbenzene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
sec-Butylbenzene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
Styrene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
tert-Butylbenzene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
trans-1,2-DCE	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
1,1,1-Trichloroethane	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
1,1,2-Trichloroethane	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
Trichloroethene (TCE)	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
Trichlorofluoromethane	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
1,2,3-Trichloropropane	ND	2.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
Vinyl chloride	ND	1.0	µg/L	1	12/30/2022 5:19:00 PM	R93650
Xylenes, Total	ND	1.5	µg/L	1	12/30/2022 5:19:00 PM	R93650
Surr: 1,2-Dichloroethane-d4	103	70-130	%Rec	1	12/30/2022 5:19:00 PM	R93650
Surr: 4-Bromofluorobenzene	102	70-130	%Rec	1	12/30/2022 5:19:00 PM	R93650
Surr: Dibromofluoromethane	106	70-130	%Rec	1	12/30/2022 5:19:00 PM	R93650
Surr: Toluene-d8	96.7	70-130	%Rec	1	12/30/2022 5:19:00 PM	R93650

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

- 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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	Environme vy 537 200										
Sample ID: 2.5ug gro Ics	SampT	Гуре: LC	S	TestCode: EPA Method 8015D: Gasoline Range							
Client ID: LCSW	Batcl	h ID: R9	3606	RunNo: 93606							
Prep Date:	Analysis E	Date: 12	/28/2022	S	SeqNo: 3	377664	Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	0.54	0.050	0.5000	0	108	80	120				
Surr: BFB	47		20.00		236	70	130			S	
Sample ID: mb	SampT	Гуре: МВ	BLK	Tes	tCode: EF	PA Method	8015D: Gasoli	ine Range			
Client ID: PBW	Batcl	h ID: R9	3606	F	RunNo: 9 3	3606					
Prep Date:	Analysis [Date: 12	/28/2022	S	SeqNo: 33	377665	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		106	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
- KL Reporting

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2212C91

06-Jan-23

	Environme wy 537 200										
Sample ID: 100ng lcs	SampT	ype: LC	S	Tes	stCode: EF	PA Method	8260B: VOLA	TILES			
Client ID: LCSW	Batch	n ID: R9	3650	F	RunNo: 9 :	3650					
Prep Date:	Analysis D				SeqNo: 3		Units: µg/L				
-	-							0/ 000		Qual	
Analyte Benzene	Result 20	PQL 1.0	SPK value 20.00	SPK Ref Val 0	%REC 100	LowLimit 70	HighLimit 130	%RPD	RPDLimit	Qual	
Toluene	20 19	1.0	20.00	0	95.1	70 70	130				
Chlorobenzene	20	1.0	20.00	0	98.9	70	130				
1,1-Dichloroethene	20 19	1.0	20.00	0	90.9 97.5	70	130				
Trichloroethene (TCE)	19	1.0	20.00	0	97.5 94.9	70	130				
Surr: 1,2-Dichloroethane-d4	19	1.0	10.00	0	94.9 101	70	130				
Surr: 4-Bromofluorobenzene	10		10.00		101	70 70	130				
Surr: Dibromofluoromethane	10		10.00		104	70 70	130				
Surr: Toluene-d8	9.8		10.00		98.1	70 70	130				
	5.0		10.00		50.1	10	150				
Sample ID: mb		SampType:MBLKTestCode:EPA Method 8260B:VOLATILESBatch ID:R93650RunNo:93650									
Client ID: PBW	Batch	n ID: R9	3650	F	RunNo: 9 :	3650					
Prep Date:	Analysis D	Date: 12	2/30/2022	;	SeqNo: 3:	380540	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									
Methyl tert-butyl ether (MTBE)	ND	1.0									
1,2,4-Trimethylbenzene	ND	1.0									
1,3,5-Trimethylbenzene	ND	1.0									
1,2-Dichloroethane (EDC)	ND	1.0									
1,2-Dibromoethane (EDB)	ND	1.0									
Naphthalene	ND	2.0									
1-Methylnaphthalene	ND	4.0									
2-Methylnaphthalene	ND	4.0									
Acetone	ND	10									
Bromobenzene	ND	1.0									
Bromodichloromethane	ND	1.0									
Bromoform	ND	1.0									
Bromomethane	ND	3.0									
2-Butanone	ND	10									
Carbon disulfide	ND	10									
Carbon Tetrachloride	ND	1.0									
Chlorobenzene	ND	1.0									
Chloroethane	ND	2.0									
Chloroform	ND	1.0									
Chloromethane	ND	3.0									

Qualifiers:

2-Chlorotoluene

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

Released to Imaging: 8/3/2023 1:30:43 PM

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

ND

1.0

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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06-Jan-23

2212C91

Sample ID: mb	SampT	ype: ME	BLK		Tes	tCode: EF	PA Method	8260B: VOLA	TILES	
Client ID: PBW	Batch	1D: R9	3650		F	RunNo: 93	8650			
Prep Date:	Analysis D	ate: 12	2/30/2022		S	SeqNo: 33	80540	Units: µg/L		
Analyte	Result	PQL	SPK value	SPK Ref \	/al	%REC	LowLimit	HighLimit	%RPD	RPDLimit
1-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
sopropylbenzene	ND	1.0								
1-Isopropyltoluene	ND	1.0								
1-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
ert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
rans-1,2-DCE	ND	1.0								
rans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Frichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

* 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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WO#: 2212C91 06-Jan-23

Qual

Client: Animas E Project: BMG Hw										
Sample ID: mb	SampT	Гуре: МЕ	LK	Tes	tCode: EF	A Method	8260B: VOLA	TILES		
Client ID: PBW	Batcl	h ID: R9	3650	F	RunNo: 9 3	650				
Prep Date:	Analysis E	Date: 12	/30/2022	S	SeqNo: 33	80540	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0					-			
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	70	130			
Surr: Dibromofluoromethane	11		10.00		105	70	130			
Surr: Toluene-d8	9.5		10.00		95.3	70	130			
Sample ID: 2212C91-001AMS	;	TestCode: EPA Method 8260B: VOLATILES								
Client ID: MW-1						650				
Prep Date:	Analysis E	Date: 12	/30/2022	S	SeqNo: 33	80553	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	580	10	200.0	381.7	97.1	70	130			
Toluene	200	10	200.0	0	97.7	70	130			
Chlorobenzene	200	10	200.0	0	98.1	70	130			
1,1-Dichloroethene	190	10	200.0	0	96.4	70	130			
Trichloroethene (TCE)	190	10	200.0	0	96.1	70	130			
Surr: 1,2-Dichloroethane-d4	96		100.0		95.5	70	130			
Surr: 4-Bromofluorobenzene	100		100.0		103	70	130			
Surr: Dibromofluoromethane	96		100.0		96.3	70	130			
Surr: Toluene-d8	100		100.0		103	70	130			
Sample ID: 2212C91-001AMSD) SampT	Гуре: МS	D	Tes	tCode: EF	A Method	8260B: VOLA	TILES		
Client ID: MW-1	Batcl	h ID: R9	3650	F	RunNo: 93	650				
Prep Date:	Analysis E	Date: 12	/30/2022	S	SeqNo: 33	80554	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	550	10	200.0	381.7	86.1	70	130	3.88	20	
Toluene	190	10	200.0	0	93.1	70	130	4.83	20	
Chlorobenzene	190	10	200.0	0	93.9	70	130	4.36	20	
1,1-Dichloroethene	180	10	200.0	0	92.4	70	130	4.29	20	
Trichloroethene (TCE)	190	10	200.0	0	93.8	70	130	2.43	20	
Surr: 1,2-Dichloroethane-d4	95		100.0		94.8	70	130	0	0	
Surr: 4-Bromofluorobenzene	100		100.0		105	70	130	0	0	
Surr: Dibromofluoromethane	98		100.0		97.7	70	130	0	0	
Surr: Toluene-d8	100		100.0		102	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

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

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

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

RL Reporting Limit

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WO#:	2212C91

06-Jan-23

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Albu Albu TEL: 505-345-3975 Website: www.hal	4901 Hawkins I querque, NM 871 FAX: 505-345-41	ve 09 San 07	nple Log-In Check L	.ist
Client Name: Animas Environmental Services	Work Order Number:	2212C91		RcptNo: 1	
Received By: Tracy Casarrubias	12/22/2022 6:45:00 AM				
Completed By: Tracy Casarrubias Reviewed By: KPCL 12-22	12/22/2022 8:36:04 AM	1			
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 🗹	No 🗌	NA 🗌	
4. Were all samples received at a temperature of	of >0° C to 6.0°C	Yes 🗹	No 🗌		
5. Sample(s) in proper container(s)?		Yes 🗹	No 🗌		
6. Sufficient sample volume for indicated test(s)	?	Yes 🗹	No 🗌		
$7_{\hfill \cdot}$ Are samples (except VOA and ONG) properly	preserved?	Yes 🗹	No 🗌		
8. Was preservative added to bottles?		Yes 🗌	No 🔽	NA 🗌	
9. Received at least 1 vial with headspace <1/4"	for AQ VOA?	Yes 🗹	No 🗌		
10. Were any sample containers received broken	?	Yes 🗌	No 🗹	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗌	for pH: (<2 gr >12 unless	noted)
12. Are matrices correctly identified on Chain of C	ustody?	Yes 🗹	No 🗌	Adjusted?	
13. Is it clear what analyses were requested?		Yes 🗹	No 🗌		
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes 🗹	No 🗌	Checked by: SGL 12(22/22
Special Handling (if applicable)					
15. Was client notified of all discrepancies with the	his order?	Yes 🗌	No 🗌	NA 🔽	
Person Notified:	Date:				
By Whom:	Via:] eMail 🔲 Pho	one 🗌 Fax	In Person	
Regarding:					
Client Instructions:					
16. Additional remarks: C(:۲۰۰۰ الاسليم) 17. <u>Cooler Information</u>	ld their own -	trip Blank	-Set (zlahz	
	al Intact Seal No Se	eal Date S	igned By		
1 0.4 Good Yes			<u> </u>		

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Received og	IPSPn4/8	57°C lit	stody Record	Turn-Around Tim	e:		2,5	110.0						ige 109	
Client:			mental Services	X Standard Project Name:	🗆 Rush								MEN DRA		
Mailing Ad	ldress:	PO Box	8	BMG H	lwy 537 2009	Release		4001	Howki		Albu	-		97400	
		Farming	ton, NM 87499-0008	Project #:			-						ie, NM 8		
Phone #:	505-564		· · · · · · · · · · · · · · · · · · ·	-						5-3975 Analy		quest	-345-41		
		**	@animasenvironmental.com	Project Manager:	**							quest		43 - K	
QA/QC Pac	kage:				Angela Ledg	erwood		15)	Э						
X Standar	rd		□ Level 4 (Full Validation)	Elizabeth McNally				(80		010					
Accreditati		- •		Sampler: J. Oyebi				IRO	906	7/6					<u> </u>
		□ Other		On Ice: √ Yes □ No Sample Temperature: 0.4 - Ø - 0.4 **			(82	NO	9	50					orN
Date	□ EDD (Type) Date Time Matrix Sample Request ID			Container Type and #	reservative Type	HEAL NO.	Full List VOCs (8260)	TPH -GRO/DRO/MRO (8015)	Phenols (SW-846-9067)	Dissolved Mn (200.7/6010)					Air Bubbles (Y or N)
12-21-22	11:57	H ₂ O	MW-1	5- 40 mL VOA	HgCl2	601	X	x	X	x					
)															
		H ₂ O	Trip Blank	2-40mL VOA	2- HgCl2	002	X								
				;#) ;											
								<u></u>			·····				
Date: 12/ 12/21/22	2/21/22 1700 mon Colar		Must Ward 12/21/22 1700			bmg@l	bmgdril	ling.cor	n	Benso	n-Monti	in-Greer	d	2	
Date:	tte: Time: Relinquished by:			Réceived by: Course		Date Time 624:6 27:/22	Call with any questions.								

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.



March 23, 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 Hwy 537 2009 Release

OrderNo.: 2303953

Dear Angela Ledgerwood:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/17/2023 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 Er	nvironmental Analysis I		023						
CLIENT: Project:	Animas Environmental Services BMG Hwy 537 2009 Release			(ample II ion Dat		W-1 15/2023 12:42:00 PM	
Lab ID:	2303953-001	Matrix:	AQUEOUS		Recei	ved Dat	e: 3/1	17/2023 7:35:00 AM	
Analyses		R	esult	RL	Qual	Units	DF	Date Analyzed	Batch
EPA MET	THOD 200.7: DISSOLVED METAI	S						Analys	t: JRR
Mangane	ese		0.27 (0.0020	*	mg/L	1	3/21/2023 2:45:49 PM	A95439

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

Qualifiers: *	Va
---------------	----

- * 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 ValueJ Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 2

.

0.52

0.0020

0.5000

Client: Project:		Animas Environmental BMG Hwy 537 2009 R								
Sample ID:	MB-A	SampType		Tes	tCode: EF	PA Method	200.7: Dissolv	ed Metals		
Client ID:	PBW	Batch ID:	A95439	RunNo: 95439						
Prep Date:		Analysis Date:	3/21/2023	S	SeqNo: 34	152355	Units: mg/L			
Analyte		Result P	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Manganese		ND 0.0	020							
Sample ID:	LCSLL	A SampType	SampType: LCSLL TestCode: EPA Method 200.7: Dissolved Metals							
Client ID:	BatchQ	C Batch ID:	A95439	F	RunNo: 95	5439				
Prep Date:		Analysis Date:	3/21/2023	S	SeqNo: 34	152356	Units: mg/L			
Analyte		Result P	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Manganese		0.0022 0.0	020 0.002000	0	108	50	150			
Sample ID:	LCS-A	SampType	LCS	Tes	tCode: EF	PA Method	200.7: Dissolv	ed Metals		
Client ID:	LCSW	Batch ID:	A95439	F	RunNo: 95	5439				
Prep Date:		Analysis Date:	3/21/2023	S	SeqNo: 34	152357	Units: mg/L			
Analyte		Result Po	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

0

105

85

115

Qualifiers:

Manganese

- * 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

2303953

23-Mar-23

	ANAL	RONMENTA YSIS RATORY	AL.	TEL: 50	Ai 5-345-39	al Analysis 4901 F Ibuquerque, 75 FAX: 50. hallenviron	lawkins NE NM 87109 5-345-4107	Sam	nple Log-In C	heck List	
CI	ient Name:	Animas Env Services	vironmental	Work Ord	er Numbe	er: 230395	3		RcptNo:	1	
Re	ceived By:	Juan Roja	s	3/17/2023 7	:35:00 A	м	4	ion E.G.			
Co	mpleted By:	Sean Livir	ngston	3/17/2023 1	1:02:04	AM	~	5. /	nat		
Re	viewed By:	DAD	3/17/	23			-		<i>~</i> ~~		
<u>Ch</u>	ain of Cus	stody									
1.	Is Chain of C	sustody comp	ete?			Yes 🛚	2	No 🗌	Not Present		
2.	How was the	sample deliv	ered?			Courier					
	o g In Was an atter	npt made to c	ool the samp	les?		Yes 🔽		No 🗌	na 🗋		
4.	Were all sam	ples received	at a tempera	ture of >0° C to 6.	0°C	Yes 🔽	•	No 🗌	na 🗆		
5.	Sample(s) in	proper contai	ner(s)?			Yes 🛙		No 🗌			
6	Sufficient san	nple volume f	or indicated to	est(s)?		Yes 🔽]	No 🗌			
				operly preserved?		Yes 🗹		No 🗌			
		ative added to				Yes 🗌		No 🗹	NA 🗌		
9. 1	Received at l	east 1 vial wit	h headspace	<1/4" for AQ VOA	,	Yes	_	No 🗌	NA 🗹		
10.	Were any sa	mple containe	ers received b	oroken?		Yes [J	No 🗹	# of preserved		
		ork match bot ancies on cha)		Yes 🔽]	No 🗆	for pH:	r >12 unless noted)	
				n of Custody?		Yes 🔽] i	No 🗆	Adjusted?	NO	
13.	s it clear wha	at analyses we	ere requested	l? -		Yes 🗹		No 🗌		JN-3/17	1
		ing times able customer for a)		Yes 🗹		No 🗆	Checked by:	JESIT	53
Spe	cial Hand	ling (if app	licable)								
				with this order?		Yes []	No 🗌	NA 🗹	_	
	Persor	Notified:			Date:						
	By Wh	om:	Γ		Via:	🗌 eMail	Phone	🗌 Fax	In Person		
	Regard	-									
40	-	Instructions:	I						the second second		
	Additional re										
17.	Cooler Info		Condition	Continue	al Na	Coal Date	0:	ad Dr.			
	Cooler No 1	o Temp °C 0.6	Condition Good	Seal Intact Se Not Present Mo	al No	Seal Date	e Sign	ied By			
	L		1	1	l		1		3		

Released to Imaging: 8/3/2023 1:30:43 PM

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Received	Parti 4	k-Cus	tody Record	Turn-Around Time	9:				HAL	LEN	VIF	ON	MEN	ge 114	of 115	
Client: Animas Environmental Services				X Standard			HALL ENVIRONMENTAL ANALYSIS LABORATORY									
				Project Name:			5	123								
Mailing Address: PO Box 8			BMG Hwy 537 2009 Release			4901 Hawkins NE - Albuquerque, NM 87109										
Farmington, NM 87499-0008			Project #:			Tel. 505-345-3975 Fax 505-345-4107										
Phone #:	720-537		,	-			1		1		sis Re	quest	1. 12 1.			
			animasenvironmental.com	Project Manager:				7								
QA/QC Package:				Angela Ledgerwood				3								
X Standard Level 4 (Full Validation)				Elizabeth McNally			010)									
Accreditation:				Sampler: J. Oyebi				<u> </u>							Î	
NELAP Other				On Ice: Tes INo Morty Sample Temperature: 0.440.7=0.6											5	
🗆 EDD (T	уре)	<u> </u>		Sample Tempera	ture: 0.9+	0.7=0.6	ų v	5							S S	
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	Dissolved Mn (200.7/6010)	Phenols per SW846 9067							Air Bubbles (Y or N)	
			anniki na <u>filozo</u> (kr	250ml Amber	-coct- °			 T-								
3/15/23	12:42	H₂O	MW-1	1x125-mL HDPE	HN0 ₃ , cool	100	X	Ķ								
							ļ	<u> </u>	ļ							
							ļ									
Date: Time: Relinquished by: 3 16 23 1544 Date: Time: Relinquished by:			Received by: Date Time Received by: Date Time Received by: Date Time Time				Remarks: Please bill direct to Benson-Montin-Greer bmg@bmgdrilling.com. Call with any questions. Diss. Mn/200.7 6010: 1x125-mL HDPE bottle, HNO ₃ - must be field-filtered prior to preservation									
3/10/23	1752	1.m	udu Wale	V	CV QI	3/17/23 7:35	-									
	lf ne	cessary, sam	ples submitted to Hall Environmental may	be subcontracted to othe		ies. This serves as notice	of this pos	sibility. A	ny sub-cor	tracted da	ata will be	clearly not	ated on th	e analytica	al report.	

Released to Imaging: 8/3/2023 1:30:43 PM

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

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

District III

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

District IV

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

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

CONDITIONS

Action 203225

CONDITIONS Operator: OGRID: BENSON-MONTIN-GREER DRILLING CORP 2096 4900 College Blvd. Action Number: Farmington, NM 87402 203225 Action Type:

[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS								
Created By	Condition	Condition Date						
michael.buchanan	Review of the Q1 through Q4 Annual 2022 Progress Report: Content Satisfactory 1. Continue to sample and monitor groundwater in MW-1 for VOCs, Phenols, and Manganese per progress report. 2. Gauge all wells for depth to groundwater and water quality parameters on an annual basis. 3. Replace the absorbent sock in MW-1 as needed. 4. Submit the next progress report for 2023 by April 1, 2024.	8/3/2023						