ENSOLUM

2024 SUPPLEMENTAL SITE INVESTIGATION WORK PLAN

REVIEWED
By Mike Buchanan at 10:52 am, Feb 03, 2025

Review of the Levey Water Well Site Investigation Work Plan has been reviewed and is satisfactory with the following conditions:
1. In a meeting with Oxy, Ensolum, and OCD on 02/03/2025, a work plan is to be submitted to further delineate the area and install groundwater monitoring wells in between MW-1 and MW-2 (behind the storage building).
2. Further delineation to continue in the southern portion of the site.
3. Do not P&A Levey Well, nor P&A MW-1, at this point in time.
4. Implement quarterly groundwater sampling for RW-1 as proposed, and MW-2. Sample for VOCs through air sampling analysis on RW-1 moving forward as proposed.
5. Utilize RW-1 and continue to remove free gas as proposed.
6. Submit annual groundwater reports on a schedule, annually, with documentation of site activities.

Property:

Levey Water Well
South Hobbs G/SA Unit
Unit F, Section 5, Township 19S, Range 38E
Latitude 32.690683, Longitude -103.173158
Lea County, New Mexico

New Mexico EMNRD OCD
Order No. R-4934-F, Case No. 14981
Incident ID No. nAPP2227033082

April 26, 2024

Prepared for:

Occidental Permian LTD
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Levey Water Well
South Hobbs G/SA Unit
Unit F, Section 5, Township 19S, Range 38E
Latitude 32.690683, Longitude -103.173158
Lea County, New Mexico

New Mexico EMNRD OCD
Order No. R-4934-F, Case No. 14981
Incident ID No. nAPP2227033082

1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Occidental Permian LTD (OXY)
Site Name:	Levey Water Well / South Hobbs G/SA Unit Operations (Site)
Location:	Unit F, Section 5, Township 19 South, Range 38 East Latitude 32.690683, Longitude -103.173158 Lea County, New Mexico
Property Owner:	OXY
Regulatory:	New Mexico Energy, Minerals and Natural Resources Department (EMNRD) New Mexico Oil Conservation Division (NMOCD) Incident ID No. nAPP2227033082 Order No. R-4934-F Case No. 14981

This 2024 Supplemental Site Investigation Work Plan proposes to address the dissolve-phase chemicals of concern (COCs) and free gas that are located within operations that are part of the South Hobbs Grayburg/San Andres Unit (SHU) Field in the southwestern area of the City of Hobbs, Lea County, New Mexico. Collectively, the Levey water well (Levey Well) and the two monitoring wells (MW-1 and MW-2) are referred to as the "Site".

OXY has investigated groundwater and oil and gas operation well conditions in the area of the Site. A Site Map, which indicates the approximate locations of the Levey Well and monitoring wells MW-1 and MW-2 in relation to pertinent structures and general Site boundaries, is included as **Figure 1** in **Appendix A**.

On June 30, 2019, elevated pressure was observed at the Levey Well. At the request of the New Mexico Oil Conservation Division (NMOCD), localized area wells were "shut in" from operational use. Over time, the pressure being observed at the Levey Well declined until pressure was no longer recorded. Observations and water analysis of the Levey water well did identify free gas in the well bore; however, pressure from the underlying groundwater-bearing zone was no longer present. Operational data was analyzed as part of the area wide assessment and adjacent wells investigated as potential sources for the gas infiltration. During maintenance operations at SHU #183, located approximately 575 feet southwest of the Levey Well, the SHU #183 well string was pulled, and pressures measured for proof of casing integrity. During these operations, SHU #183

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was found to have a casing leak, which is believed to be the source of the pressure observed at Levey well. In response, OXY plugged the SHU #183 well to the surface. No other anomalies were observed in the adjacent area oil and gas wells. After SHU #183 was plugged, OXY drilled a nearby replacement well. This replacement well, designated as SHU #297, is currently operational and shows no concerns of free gas migration.

In February of 2020, permission was obtained from the NMOCD to drill two monitoring wells (MW-1 and MW-2) for analysis and observation purposes. Monitoring well MW-1 was installed in the vicinity of the Levey Well and monitoring well MW-2 was installed in the vicinity of SHU #183.

During initial pre-start up background sampling of the Levey Well, MW-1 and MW-2 on two separate events, May 25th and June 20th of 2020, gas with lower explosive limits (LEL's) at or over 60% were observed in the Levey Well and monitoring well MW-2. This finding was consistent with previous analysis and findings within the Levey Well and not an unexpected result as the previous contributions of gas from the SHU #183 had been sufficient to result in pressure at the surface through the Levey Well.

OXY's groundwater monitoring program included the collection of a groundwater sample from each monitoring well (MW-1 and MW- 2). The monitoring wells were gauged and sampled on May 26, June 30, August 20, October 23, November 24, December 18, 2020, and weekly thereafter. The Levey Well has been sampled consistently since December 6, 2019, and is still on-going as of March 2024. The groundwater samples collected from the monitoring wells (MW-1 and MW-2) were analyzed for total petroleum hydrocarbons (TPH), gasoline range organics (GRO), diesel range organics (DRO), and oil range organics (ORO) utilizing Environmental Protection Agency (EPA) Method 8015M, volatile organic compounds (VOCs) utilizing EPA Method SW-846 #8260 (full list), carbon dioxide utilizing Standard Method 4500 CO2 C, dissolved sulfide utilizing EPA Method SW-846 #376.2, chloride using EPA Method SW-846 #300.0 and pH utilizing EPA Method SW-846 #150.1. The groundwater samples collected from the Levey Well were analyzed for VOCs, recoverable metals per ICP by EPA 200.7, inorganic anions by EPA 300/300.1, pH by SM4500-H, total dissolved solids (TDS) by SM2540C, alkalinity by SM2320B and cation-anion balance by SM1030E. The groundwater analytical summary tables are included in **Appendix B**.

OXY utilized automated processes to compile and monitor dates related to the SHU localized wells to ensure tracking of production and injection activities as related to the re-start of these area operations. No anomalies were observed in the area oil and gas wells that could contribute free gas into the groundwater-bearing zone.

To mitigate potential exposures, the Levey residence was purchased by OXY and remains unoccupied. A passive vent was installed on the Levey Well to mitigate safety and explosivity concerns for the residential and work area. There has been no detectable build-up of pressure in the Levey Well or monitoring wells MW-1 and MW-2. Hydrogen sulfide (H_2S) has not been detected in any of the three forementioned wells since July 15, 2020. All detections of H_2S prior to July 15, 2020 were within the well bore. No H_2S above permissible exposure limits was observed outside of the well bores.

OXY installed pressure reading charts at the Levey Well to measure the potential for any returning pressure at the well. These charts measure pressure 24 hours a day and show that no pressure has returned to the Levey Well. Monitoring wells MW-1 and MW-2 are physically monitored for the presence of gas and pressure, with no pressure observed in either monitoring well.

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The data indicates that pressure sourced from SHU #183 contributed to the infiltration of free gas into the red beds just beneath the groundwater-bearing zone, creating a pressurized pool of gas that traveled to the Levey Well. Once SHU #183 was plugged, the pressure source was removed from the red beds and overlying groundwater-bearing zone and the remaining free gases below remain pooling within the red bed underlying the groundwater-bearing zone. This is supported by the data described above and is consistent with findings reported in two reports, one co-authored and supplied by Lisa Molofsky of GSI Environmental Inc. The first is "Purging and other sampling variables affecting dissolved methane concentration in water supply wells", and the second "Factors affecting the variability of stray gas concentration and composition in groundwater" authored by A.W. Gorody, referenced below. The reports state:

> *As free-phase gas spreads vertically and/or laterally from a source of release, it can become trapped beneath low permeability sediments (e.g., the "red beds" which separate the overlying Ogallala aquifer from the underlying Santa Rosa). Irregularities in the base topography of these barriers can result in discretized pools of free-phase gas. In many ways, this trapping and accumulation of free-phase gases beneath impermeable units is analogous to the development of structural traps that form in conventional oil and gas reservoirs. This phenomenon can also be viewed as the conceptual inverse of a chlorinated solvent release (a dense NAPL, or "DNAPL") in which the dense liquid can migrate downward through the groundwater via available pathways, until encountering a resistant layer, where the dense liquid pools and accumulates.*
>
> *In water supply wells, free-phase gas entry is most likely to occur when water levels are lowered in a well by pumping or drought, because this reduces the pressure head resisting gas entry from the formation into the well (Gorody 2012, Molofsky et al. 2018). This may allow free-phase gas to enter the well from one unit (e.g., red bed), while water is primarily originating from another (e.g., the Ogallala aquifer). When the two phases (free-phase gas from the red bed and groundwater from the Ogallala) mix in the water well, there is relatively little time for equilibration under pumping conditions; consequently, dissolved gas concentrations may be very low even though free-phase gas is observed in the well headspace.*

These studies and OXY's related findings are that the remaining free gas beneath portions of the Site is pooled within the red beds and the overlying geologic pressure is such that it is confining the free gas. The free gas observed in the Levey Well and monitoring well MW-2 well bores are traveling through these conduits to near surface but lack the pressure to release from the subsurface as the additional pressure from SHU #183 has been eliminated. This coupled with the finding that there is little mixing of constituents of gases into the dissolved phase within the adjacent groundwater supports the understanding that the gases are remaining beneath the water interface and only traveling up to surface when the relative pressure allows it to do so, rather than mixing with the water source.

The data indicates that the current free gas in the subsurface has reached a point of equilibrium and, without influence, is stable. To mobilize the free gas, a pressure change was proposed to release the free gas pool from the subsurface red bed, as described below in Section 1.3.

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1.2 Groundwater Recovery – Levey Well

Since July 1, 2021, the Levey Well has run full time and recovered groundwater is transferred via flowline to a nearby tank for proper disposal. Groundwater recovery from the Levey Well is still on-going as of March 2024. As proposed in this work plan, subsequent to the plugging and abandonment (P&A) of the Levey Well and installation of the recovery well, groundwater recovery will be conducted on the newly installed recovery well in place of the Levey Well.

1.3 Gas Recovery – Levey Well

OXY continues to recover free gas on a bi-weekly basis from the Levey Well. Results are shown on **Table 4** in **Appendix B**. The purpose of these events was to attach a vacuum pump truck to the Levey Well, creating a vacuum on the wellbore, and displacing the underlying water releasing the overlying pressure restraining the free gas pool, and releasing it to the surface. This process is still on-going as of March 2024. As proposed in this work plan, subsequent to the P&A of the Levey well and installation of the recovery well, gas recovery will be conducted on the newly installed recovery well in place of the Levey Well.

2.0 SUPPLEMENTAL SITE INVESTIGATION

2.1 Health and Safety Plan

Ensolum will utilize OXY's Safe Work Systems Permit for the performance of the scope of services described in this Work Plan.

2.2 Plugging and Abandonment Activities

Based on the sample results from the Levey Well and monitoring well MW-1, the COCs are below the applicable New Mexico Water Quality Control Commission (NMWQCC) Groundwater Quality Standards, referred to hereinafter as the "NMWQCC Standards". Ensolum proposes to P&A the Levey Well and monitoring well MW-1.

The P&A of the Levey Well and monitoring well MW-1 will be performed in accordance with *NMAC 19.27.4 Rules and Regulations Governing Well Driller Licensing, Construction, Repair, and Plugging of Wells*. Plugging records for the plugged wells will be provided by the subcontracted drilling firm to Ensolum and the Office of the State Engineer.

2.3 Soil Boring Installation

One soil boring will be installed in the vicinity of existing monitoring well MW-2 and P&A SHU #183 injection well, and will be converted into permanent recovery well (RW-1) to remove dissolve-phase concentrations observed in the on-Site monitoiring well MW-2. The soil boring will be advanced utilizing an air rotary drilling rig to a maximum depth of approximately 130 feet below ground surface (bgs).

Sampling and drilling equipment will be decontaminated by high pressure cleaning prior to commencement of the project. Soil samples will be collected continuously using drill cuttings from the air rotary rig to document lithology, color, relative moisture content and visual or olfactory evidence of impairment.

Following the conclusion of the soil boring installation activities, Ensolum will coordinate the removal and disposition of the investigation derived soil generated during investigation activities.

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2.4 Soil Sampling Plan

During soil boring installation activities, up to three soil samples will be taken from the soil boring at any of the following locations:

- Highest photoionization detector (PID) reading;
- Capillary fringe zone;
- Change in lithology; or
- Bottom of the soil boring.

2.5 Recovery Well Installation

Prior to initiation of drilling activities, an *Application for Permit to Drill a Well with No Consumptive Use of Water (WR-07)* will be submitted to the New Mexico office of the State Engineer prior to the installation of the on-Site recovery well.

The recovery well will be completed as follows:

- Installation of 5-inch poly vinyl chloride (PVC) casing with up to 70 feet of machine slotted PVC (including riser);
- Silica sand approximately two (2) feet above machine slotted PVC with bentonite chips to surface; and
- Concrete pad (approximately 2' x 2') with locking vault cover and cap.

2.6 Recovery Well Development

Subsequent to recovery well completion, the well will be developed by surging and removing groundwater until the fluid appears free of fine-grained sediment. The recovered fluid amount will be recorded subsequent to development. Based on correspondence with OXY, a third-party contractor will handle off-site fluids disposal.

2.7 Groundwater Sampling Program

Ensolum's groundwater sampling program will include the collection of one groundwater sample from each of the recovery/monitoring wells (RW-1 and MW-2) that produce sufficient groundwater recharge for sample collection. The sampling schedule is as follows:

Well ID	Q2 2024	Q3 2024	Q4 2024
*RW-1	X	X	X
MW-2	X	X	X

*Proposed recovery well.

Prior to sample collection, Ensolum will gauge the depth to fluids in each well utilizing a water level meter capable of detecting the presence of water up to an accuracy of 0.01 feet.

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Groundwater samples will be collected utilizing low-flow minimal drawdown techniques. The monitoring wells will be purged until produced groundwater is consistent in color, clarity, pH, dissolved oxygen (DO), oxidation/reduction potential (ORP), temperature and conductivity.

The groundwater samples will be collected in laboratory prepared glassware and placed on ice in a cooler to reduce and maintain a temperature of 4˚C (±2˚C). The sample cooler(s) will be secured with custody seals and the samples will be transported with a completed chain-of-custody form to a NELAP accredited laboratory.

3.0 AIR AND GROUNDWATER MONITORING

3.1 Air Sampling Program

Recovery Well RW-1

Air sampling will be performed quarterly and on a bi-weekly basis during vacuum events, utilizing a pre-evacuated Summa passivated canister. The canister, which will be evacuated to 0.05 mm Hg and fitted with a flow restricting device and tubing will be placed in the well bore of recovery well RW-1. A sample of the wellbore ambient air will be drawn through a sampling train comprised of components that regulate the rate and duration of the sampling. After the air sample is collected, the canister valve will be closed, an identification tag attached to the canister, and the canister will be transported to an analytical laboratory for analysis of VOCs.

The Summa canister will be shipped under proper chain-of-custody to Pace Analytical Laboratory in Mount Juliet, TN for analysis of VOCs by Method TO-15.

3.2 Groundwater Sampling Program

Groundwater sampling events will be conducted quarterly on recovery well RW-1 and monitoring well MW-2. The groundwater sampling program will consist of the following:

Recovery Well RW-1

Once installed, recovery well RW-1 will run full time and recovered groundwater will be transferred via flowline to a nearby tank battery for proper disposal. Prior to sample collection, the recovery well will be turned off and allowed to stabilize for approximately one hour prior to sampling. Once the recovery well is properly purged and readings from the AquaTROLL 500 stabilize, a groundwater sample will be collected.

The groundwater samples collected from the recovery well will be analyzed for VOCs, recoverable metals per ICP by EPA 200.7, inorganic anions by EPA 300/300.1, pH by SM4500-H, TDS by SM2540C, alkalinity by SM2320B and cation-anion balance by SM1030E.

Monitoring Well MW-2

Prior to sample collection, the depth to fluids in monitoring well MW-2 will be gauged using a water level meter capable of detecting groundwater up to 0.01 feet. The monitoring well will be sampled utilizing micro-purge low-flow sampling techniques. Subsequent to the completion of the micro-purge process, one groundwater sample will be collected from the monitoring well.

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The groundwater samples collected from monitoring well MW-2 will be analyzed for TPH GRO, TPH DRO and ORO utilizing EPA Method 8015M, VOCs utilizing EPA Method SW-846 #8260, carbon dioxide utilizing Standard Method 4500, dissolved sulfide utilizing EPA Method SW-846 #376.2, chloride using EPA Method SW-846 300.0 and pH utilizing EPA Method SW-846 #150.1.

Low flow refers to the velocity with which groundwater enters the pump intake and is imparted to the formation water in the immediate vicinity of the well screen. The objective is to pump in a manner that minimizes stress (drawdown) to the system, to the extent practical, taking into account established Site sampling objectives. Flow rates on the order of 0.1 to 0.5 liters per minute (l/min) will be maintained during sampling activities, using dedicated or decontaminated sampling equipment.

The groundwater samples will be collected from each monitoring well once produced groundwater is consistent in color, clarity, pH, temperature, and conductivity. Measurements during purging are taken every three to five minutes. Purging is considered complete once key parameters (especially pH and conductivity) have stabilized for three successive readings.

Groundwater samples will be collected in laboratory supplied containers, labeled/sealed using the laboratory supplied labels and custody seals, and stored on ice in a cooler. The groundwater samples will be relinquished to Eurofins Midland in Midland, Texas under proper chain-of-custody procedures.

4.0 RECOMMENDATIONS

OXY has demonstrated over time that the SHU #290 and the surrounding oil and gas operations were and are not a contributor to the previous related pressure observed in the Levey Well. This has been demonstrated by weekly data collection, which show that the pressures and gas readings are very consistent with pre-injection background, including, but not limited to carbon dioxide. The plugging of the SHU #183 well has shown to be effective in discontinuing the source of free gas related to the Levey water well.

OXY requests from the NMOCD moving forward in 2024 to:

- **Plug and abandon the Levey Well and monitoring well MW-1;**
- **Install one recovery well (RW-1) in proximity to monitoring well MW-2 and P&A SHU #183 injection well;**
- **Remove impacted groundwater utilizing newly installed recovery well RW-1 full time. The recovered groundwater will be transferred via flowline to a nearby tank for proper disposal. Groundwater removal will continue until acceptable levels achieving compliance expectations are complete;**
- **Implement quarterly groundwater sampling for recovery well RW-1 and monitoring well MW-2 and quarterly sampling for air on recovery well RW-1 moving forward in 2024;**
- **Utilizing recovery well RW-1, continue to remove free gas accumulations from the underlying red bed and groundwater-bearing zone on a bi-weekly basis to acceptable levels of removal to achieve compliance expectations. The air sampling process performed at the Levey Well will continue, utilizing recovery well RW-1 in its place, as described in Section 3.1;**

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- **Continue to monitor MW-2 utilizing daily pressure checks for significant changes in pressure, which could indicate a secondary source, until compliance of free gas removal is achieved; and**

- **Submit annual reports to the NMOCD documenting all on-site activities.**

5.0 REFERENCES

GSI Environmental Inc. Preliminary Draft -Results of Water Supply Well Sampling and Investigation. November 2019. Hobbs New Mexico Municipal Code, Title 13.04.017. Accessed Sept. 2020.

New Mexico Environment Department. 2018. 20.6.2 NMAC: Title 20 (Environmental Protection), Chapter 6 (Water Quality), Part 2 (Ground and Surface Water Protection). Amended December 11th, 2019.

Nicholson, Jr. A. and A. Clebsch, Jr. 1961. Geology and Ground-Water Conditions in Southern Lea County, New Mexico. United States Geological Survey Ground-Water Report 6. Prepared in cooperation with the New Mexico Institute of Mining and Technology, State Bureau of Mines and Mineral Resources Division and the New Mexico State Engineer.

Gorody, A.W., 2012. Factors affecting the variability of stray gas concentration and composition in groundwater. Environ. Geosci. 19, 17–31. https://doi.org/10.1306/eg.12081111013.

Molofsky, L.J., Richardson, S.D., Gorody, A.W., Baldassare, F., Connor, J.A., McHugh, T.E., Smith, A.P., Wylie, A.S., Wagner, T., 2018. Purging and other sampling variables affecting dissolved methane concentration in water supply wells. Sci. Total Environ. 618, 998-1007. https://doi.org/10.1016/j.scitotenv.2017.09.077.

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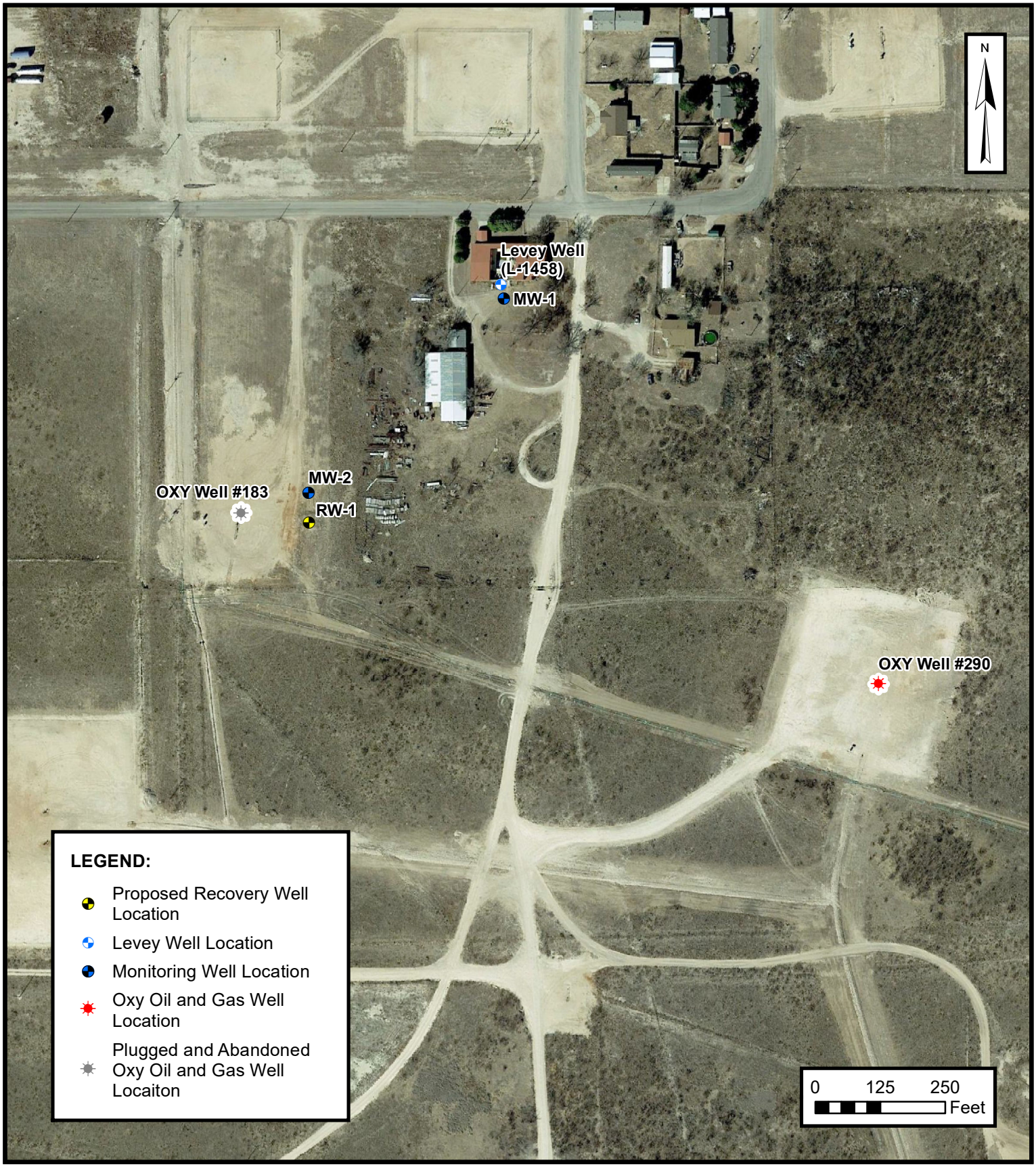
APPENDIX A

Figures and Graphs



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Environmental, Engineering and Hydrogeologic Consultants

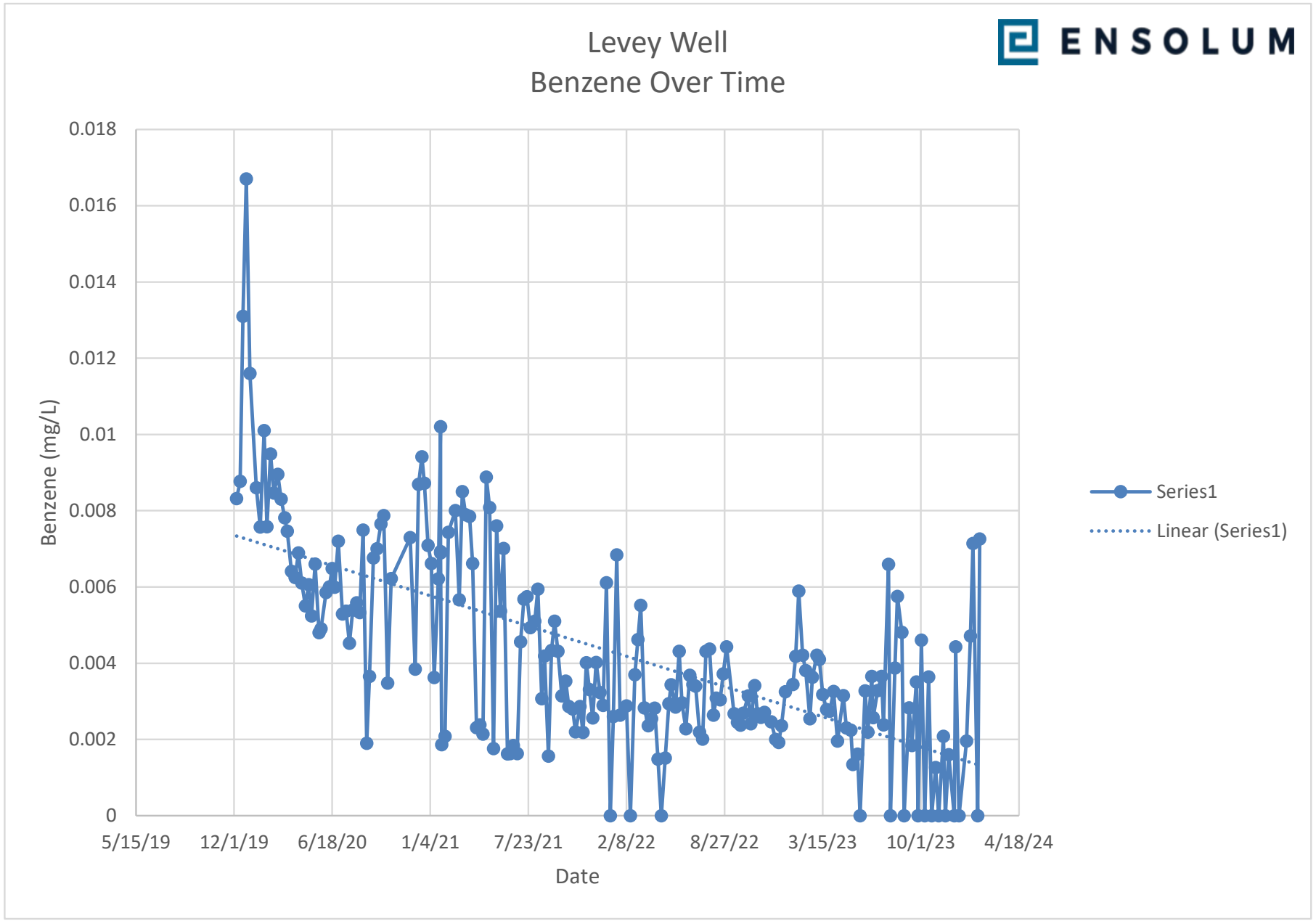
SITE MAP

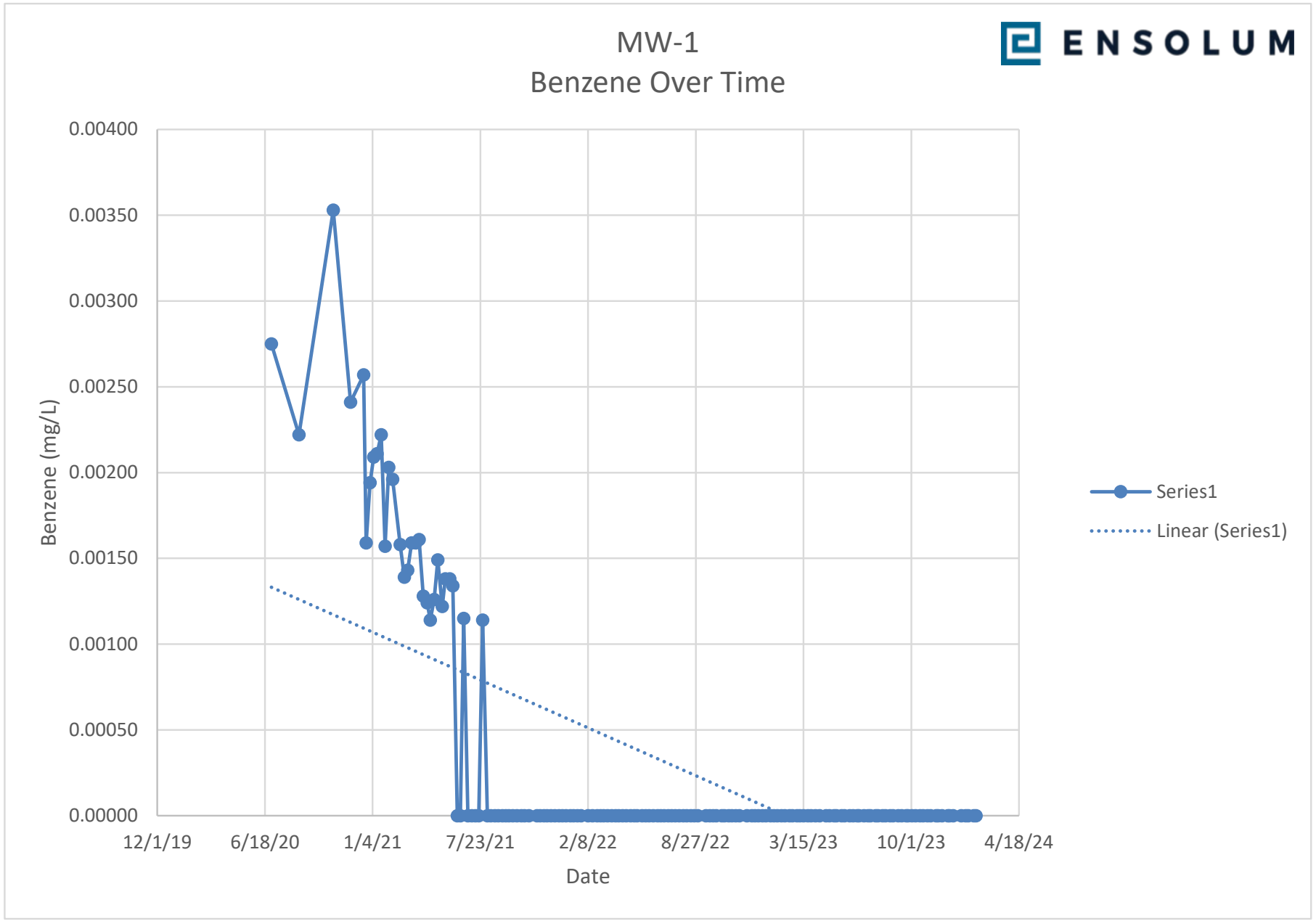
OCCIDENTAL PERMIAN LTD
S HOBBS G/SA UNIT
Unit F, Sec 5, T9S, R38E, Hobbs, New Mexico
32.690683° N, 103.173158° W

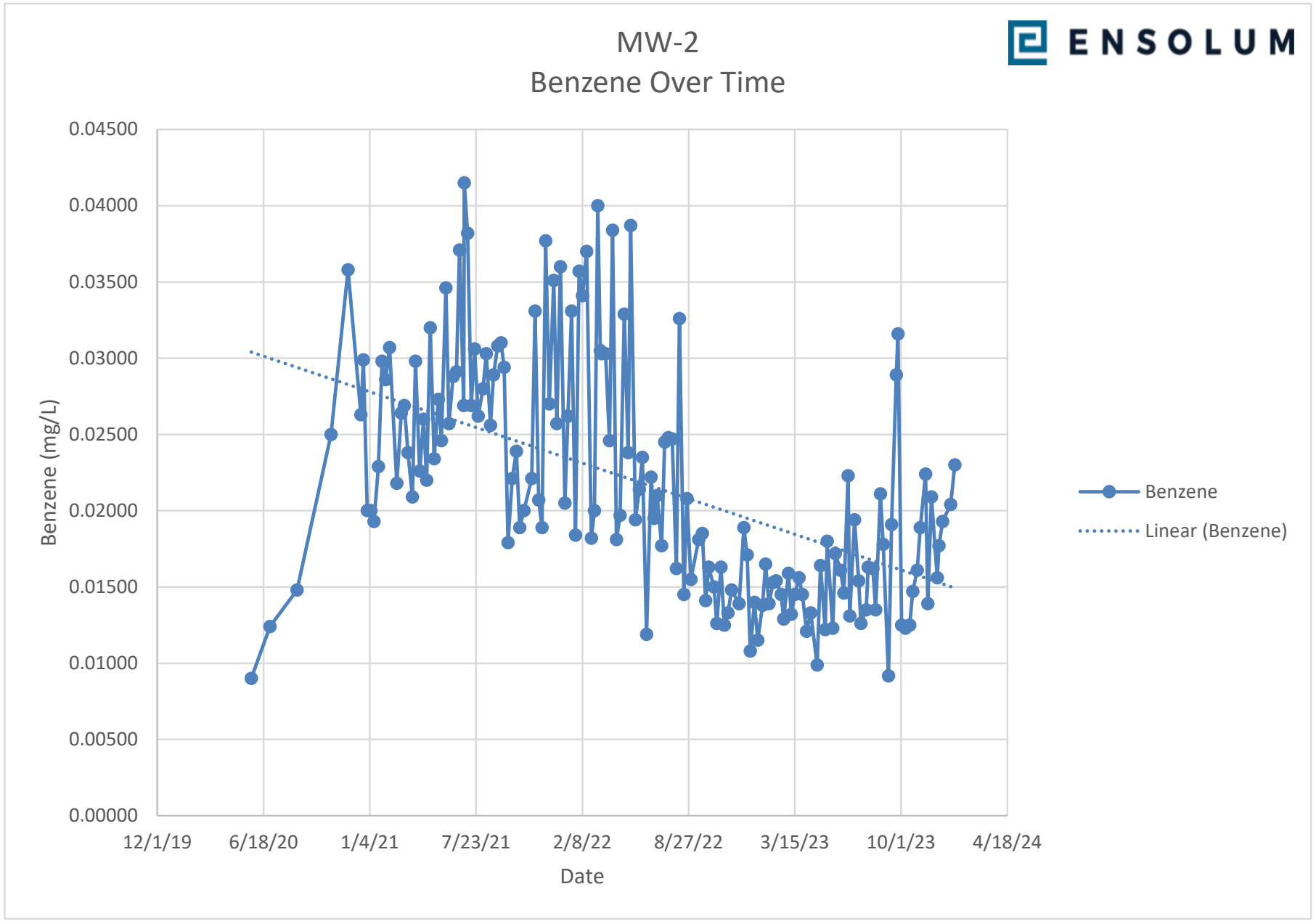
PROJECT NUMBER: 03B1417001

FIGURE

1


Levey Well
Benzene Over Time
ENSOLUM
Benzene (mg/L)
0.018
0.016
0.014
0.012
0.01
0.008
0.006
0.004
0.002
0
5/15/19
12/1/19
6/18/20
1/4/21
7/23/21
2/8/22
8/27/22
3/15/23
10/1/23
4/18/24
Date
Series1
Linear (Series1)


MW-1
Benzene Over Time
ENSOLUM
Benzene (mg/L)
0.00400
0.00350
0.00300
0.00250
0.00200
0.00150
0.00100
0.00050
0.00000
12/1/19
6/18/20
1/4/21
7/23/21
2/8/22
8/27/22
3/15/23
10/1/23
4/18/24
Date
Series1
Linear (Series1)


MW-2
Benzene Over Time
ENSOLUM
Benzene (mg/L)
0.04500
0.04000
0.03500
0.03000
0.02500
0.02000
0.01500
0.01000
0.00500
0.00000
12/1/19
6/18/20
1/4/21
7/23/21
2/8/22
8/27/22
3/15/23
10/1/23
4/18/24
Date
Benzene
Linear (Benzene)

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APPENDIX B

Tables

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TABLE 1
GROUNDWATER SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	VOCs (mg/L)																										
		Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylenes	Total Xylenes	Methyl ethyl ketone (2-Butanone)	n-Butylbenzene	Sec-Butylbenzene	tert-Butylbenzene	Tetrachloroeth(yl)ene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	p-Cymene (p-Isopropyltoluene)	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,2-Dichloroeth(yl)ene	1,4-Dichlorobenzene	1,1-Dichloropropene	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,1,2-Trichloroethane	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		0.005	1	0.7	NE	NE	0.62	NE	NE	NE	NE	0.005	0.1	NE	NE	NE	NE	0.005	0.005	NE	0.075	NE	NE	0.03	NE	0.01	0.1	NE	NE
Levey Well	12/6/2019	0.00832	0.0708	0.0296	0.0242	0.129	0.153	<0.0500	0.00151	0.00206	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00138	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0126	<0.0100	0.00566	<0.00100	<0.00100	0.0358	0.0106
	12/13/2019	0.00877	0.0654	0.0271	0.0233	0.121	0.144	<0.0500	0.00118	0.00171	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00112	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0112	<0.0100	0.00470	<0.00100	<0.00100	0.0315	0.00944
	12/19/2019	0.0131	0.0861	0.0385	0.0318	0.170	0.202	0.0125 J	0.00187	0.00257	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	0.00173	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	0.0170	<0.00200	0.00747	<0.000228	<0.000162	0.0469	0.0144
	12/26/2019	0.0167	0.112	0.0514	0.0459	0.210	0.256	<0.0500	0.00211	0.00320	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00183	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0235	<0.0100	0.00934	<0.00100	<0.00100	0.0672	0.0168
	1/2/2020	0.0116	0.0644	0.0551	0.0805	0.232	0.313	<0.0500	0.00231	0.00164	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00127	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0107	0.0120	0.00544	<0.00100	0.00243	0.0377	0.0106
	1/15/2020	0.00860	0.0528	0.0318	0.0219	0.119	0.141	<0.0500	<0.00100	0.00259	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0148	<0.0100	0.0104	<0.00100	<0.00100	0.0547	0.0172
	1/23/2020	0.00757	0.0462	0.0318	0.0224	0.119	0.141	<0.0500	0.00233	0.00295	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00180	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0158	<0.0100	0.0166	<0.00100	<0.00100	0.103	0.0300
	1/31/2020	0.0101	0.0567	0.0462	0.0385	0.166	0.205	<0.500	<0.0100	<0.0100	0.0438	<0.00100	<0.0100	NA	0.0343	0.0344	<0.0100	<0.0100	<0.0500	<0.00100	<0.00100	0.0584	0.0262	<0.100	0.0458	<0.0100	<0.0100	0.323	0.0847
	2/6/2020	0.00758	0.0489	0.0306	0.0242	0.116	0.140	<0.0500	0.00234	0.00299	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00165	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0174	<0.0100	0.0237	<0.00100	<0.00100	0.285	0.0451
	2/13/2020	0.00949	0.0498	0.0397	0.0337	0.145	0.179	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00251	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0251	<0.0100	0.0450	<0.00100	<0.00100	0.349	0.0898
	2/20/2020	0.00846	0.0326	0.0313	0.0248	0.113	0.138	<0.0500	<0.00100	0.00407	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00229	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0208	<0.0100	0.0431	<0.00100	<0.00100	0.322	0.0918
	2/28/2020	0.00895	0.0351	0.0374	0.0251	0.124	0.149	<0.250	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	NA	<0.00500	<0.00500	<0.00500	<0.00500	<0.0250	<0.00500	<0.00500	<0.0250	0.0249	<0.0500	0.0488	<0.00500	<0.00500	0.358	0.0989
	3/6/2020	0.00830	0.0313	0.0346	0.0228	0.114	0.137	<0.0500	0.00374	0.00467	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00254	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0231	<0.0100	0.0472	<0.00100	<0.00100	0.378	0.0948
	3/13/2020	0.00781	0.0302	0.0330	0.0203	0.109	0.129	<0.0500	0.00153	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00247	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0224	<0.0100	0.0428	<0.00100	<0.00100	0.277	0.0875
	3/18/2020	0.00746	0.0279	0.0304	0.0174	0.0981	0.116	<0.0500	0.00311	0.00400	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00224	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0199	<0.0100	0.0365	<0.00100	<0.00100	0.275	0.0777
	3/27/2020	0.00641	0.0151	0.0247	0.0132	0.0737	0.0869	<0.0500	0.00122	0.00345	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00189	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0166	<0.0100	0.0336	<0.00100	<0.00100	0.261	0.0721
	4/3/2020	0.00625	0.0129	0.0250	0.0130	0.0745	0.0875	<0.0500	0.00120	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00209	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0174	<0.0100	0.0363	<0.00100	<0.00100	0.273	0.0756
	4/10/2020	0.00689	0.0327	0.0277	0.0159	0.0924	0.108	<0.0500	0.00253	0.00338	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00188	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0171	<0.0100	0.0300	<0.00100	<0.00100	0.264	0.0580
	4/17/2020	0.00610	0.0258	0.0253	0.0141	0.0814	0.0955	<0.0500	0.00238	0.00321	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00175	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0164	<0.0100	0.0280	<0.00100	<0.00100	0.220	0.0562
	4/24/2020	0.00550	0.0241	0.0225	0.0125	0.0756	0.0881	<0.0500	<0.00100	0.00297	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00179	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0148	<0.0100	0.0251	<0.00100	<0.00100	0.199	0.0526
	5/1/2020	0.00606	0.0277	0.0237	0.0129	0.0773	0.0902	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00159	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0143	<0.0100	0.0242	<0.00100	<0.0100	0.185	0.0513
	5/7/2020	0.00524	0.0168	0.0211	0.0108	0.0655	0.0763	<0.0500	<0.00100	0.00306	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00171	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0138	<0.0100	0.0270	<0.00100	<0.0100	0.202	0.0582
	5/14/2020	0.00660	0.0357	0.0268	0.0141	0.0882	0.102	<0.0500	0.00236	0.00324	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00191	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0165	<0.0100	0.0236	<0.00100	<0.00100	0.201	0.0453
	5/22/2020	0.00480	0.00851	0.0193	0.00896	0.0567	0.0657	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00194	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0137	<0.0100	0.0276	<0.00100	<0.00100	0.187	0.0597
	5/26/2020	0.00490	0.0169	0.0210	0.0109	0.0637	0.0746	<0.0500	0.00122	0.00300	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00164	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0138	<0.0100	0.0256	<0.00100	<0.00100	0.192	0.0532
	6/5/2020	0.00585	0.0317	0.0228	0.0117	0.0744	0.0861	<0.0500	0.00183	0.00271	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00155	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0134	<0.0100	0.0182	<0.00100	<0.00100	0.129	0.0367
	6/12/2020	0.00600	0.0299	0.0231	0.0122	0.0757	0.0879	<0.0500	<0.00100	0.00283	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00154	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0135	<0.0100	0.0211	<0.00100	<0.00100	0.150	0.0429
	6/18/2020	0.00648	0.0374	0.0236	0.0129	0.0818	0.0947	<0.0500	<0.00100	0.00256	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00145	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0130	<0.0100	0.0162	<0.00100	<0.00100	0.121	0.0336
	6/23/2020	0.00599	0.0311	0.0232	0.0116	0.0771	0.0887	<0.0500	0.00103	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00153	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0137	<0.0100	0.0193	<0.00100	<0.00100	0.135	0.0385
	6/30/2020	0.00720	0.0450	0.0276	0.0138	0.0923	0.106	<0.0500	0.00105	0.00306	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00176	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0152	<0.0100	0.0169	<0.00100	<0.00100	0.119	0.0339
	7/9/2020	0.00529	0.0272	0.0203	0.0103	0.0700	0.0803	<0.0500	<0.00100	0.00253	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00136	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0118	<0.0100	0.0156	<0.00100	<0.00100	0.118	0.0328
	7/16/2020	0.00536	0.0316	0.0204	0.0103	0.0684	0.0787	<0.0500	0.00148	0.00252	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00133	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0117	<0.0100	0.0142	<0.00100	<0.00100	0.0944	0.0273
	7/23/2020	0.00452	0.0268	0.0174	0.00895	0.0602	0.0692	<0.0500	<0.00100	0.00199	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00112	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.00991	<0.0100	0.0113	<0.00100	<0.00100	0.0775	0.0224
	7/30/2020	0.00539	0.0302	0.0197	0.0100	0.0641	0.0741	<0.0500	<0.00100	0.00210	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00123	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0111	<0.0100	0.0124	<0.00100	<0.00100	0.0751	0.0215
	8/7/2020	0.00558	0.0300	0.0200	0.00987	0.0628	0.0727	<0.0500	<0.00100	0.00215	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00114	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0110	<0.0100	0.0118	<0.00100	<0.00100	0.0707	0.0209
	8/13/2020	0.00533	0.0300	0.0195	0.00978	0.0622	0.0720	<0.0500	<0.00100	0.00196	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00115	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0107	<0.0100	0.0119	<0.00100	<0.00100	0.0710	0.0206
	8/20/2020	0.00749	0.0400	0.0269	0.0128	0.0864	0.0992	<0.0500	<0.00100	0.00292	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00168	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0150	<0.0100	0.0161	<0.00100	<0.00100	0.0988	0.0295
	8/27/2020	0.00190	0.0101	0.00678	0.00322	0.0205	0.0237	<0.0500	<0.00100	0.00104	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.00403	<0.0100	0.00459	<0.00100	<0.00100	0.0230	0.00758
	9/2/2020	0.00365	0.0199	0.0132	0.00646	0.0412	0.0477	<0.0500	<0.00100	0.00165	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.00749	<0.0100	0.00761	<0.00100	<0.00100	0.0483	0.0410
	9/10/2020	0.00676	0.0358	0.0246	0.0115	0.0760	0.0875	<0.0500	<0.00100	0.00271	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00150	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0132	<0.0100	0.0136	<0.00100	<0.00100	0.0785	0.0226
	9/17/2020	0.00700	0.0381	0.0266	0.0136	0.0849	0.0985	<0.0500	<0.00100	0.00285	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00163	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0146	<0.0100	0.0147	<0.00100	<0.00100	0.0921	0.0262
	9/25/2020	0.00765	0.0415	0.0282	0.0139	0.0909	0.105	<0.0500	<0.00100	0.00307	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00169	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0157	<0.0100	0.0145	<0.00100	<0.00100	0.0860	0.0251
	10/1/2020	0.00787	0.0422	0.0305	0.0151	0.0962	0.1110	<0.0500	0.00191	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00198	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0167	<0.0100	0.0175	<0.00100	<0.00100	0.102	0.0303
	10/9/2020	0.00348	0.0191	0.0123	0.00619	0.0394	0.0456	<0.0500	<0.00100	0.00134	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0069	<0.0100	0.0058	<0.00100	<0.00100	0.0350	0.0102
	10/16/2020	0.00622	0.0325	0.0235	0.0110	0.0739	0.0840	<0.0500	<0.00100	0.00274	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00145	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0135	<0.0100	0.0124	<0.00100	<0.00100	0.0730	0.0213
	11/24/2020	0.00729	0.0363	0.0264	0.0128	0.0830	0.09580	<0.0500	<0.00100	0.00276	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00147	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0145	<0.0100	0.0109	<0.00100	<0.00100	0.0641	0.0192
	12/4/2020	0.00384	0.0193	0.0143	0.0065	0.0429	0.04937	<0.0500	0.00121	0.00179	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00110	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0080	<0.0100	0.0061	<0.00100	<0.00100	0.0309	0.0101
	12/11/2020	0.00869	0.0482	0.0319	0.01620	0.102	0.1182	<0.0500	<0.00100	0.00324	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00182	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0167	<0.0100	0.0132	<0.00100	<0.00100	0.0792	0.0232
	12/18/2020	0.00941	0.0736	0.0339	0.0194	0.131	0.150	<0.0500	0.00187	0.00307	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00184	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0169	<0.0100	0.00981	<0.00100	<0.00100	0.0439	0.0148
	12/23/2020	0.00872	0.0739	0.0323	0.0196	0.126	0.146	<0.0500	0.00148	0.00227	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00128	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0153	<0.0100	0.00768	<0.00100	<0.00100	0.0375	0.0124
	12/30/2020	0.00709	0.0560	0.0260	0.0153	0.0998	0.115	<0.0500	0.00143	0.00237	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00133	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0127	<0.0100	0.00719	<0.00100	<0.00100	0.0340	0.0113
	1/6/2021	0.00661	0.0494	0.0239	0.0141	0.0930	0.107	<0.0500	<0.00100	0.00233	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00140	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0122	<0.0100	0.00710	<0.00100	<0.00100	0.0334	0.0113
	1/12/2021	0.00362	0.0206	0.0168	0.00849	0.0547	0.0632	<0.0500	0.00159	0.00278	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00157	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0105	<0.0100	0.00959	<0.00100	<0.00100	0.0540	0.0174
	1/20/2021	0.00621	0.0383	0.0245	0.0137	0.0884	0.102	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00159	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0135	<0.0100	0.00920	<0.00100	<0.00100	0.0470	0.0152
	1/25/2021	0.0102	0.0717	0.0337	0.0195	0.130	0.150	<0.0500	0.00167	0.00287	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00162	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0162	<0.0100	0.00914	<0.00100	<0.00100	0.0455	0.0149
	1/25/2021	0.00689	0.0353	0.0243	0.0113	0.0733	0.0846	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	0.00145	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	0.0127	<0.0100	0.0115	<0.00100	<0.00100	0.0687	0.0205

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 1
GROUNDWATER SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	VOCs (mg/L)																										
		Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylenes	Total Xylenes	Methyl ethyl ketone (2-Butanone)	n-Butylbenzene	Sec-Butylbenzene	tert-Butylbenzene	Tetrachloroeth(y)lene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	p-Cymene (p-Isopropyltoluene)	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,2-Dichloroeth(y)lene	1,4-Dichlorobenzene	1,1-Dichloropropene	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,1,2-Trichloroethane	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**0.005**	**1**	**0.7**	**NE**	**NE**	**0.62**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.1**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.005**	**NE**	**0.075**	**NE**	**NE**	**0.03**	**NE**	**0.01**	**0.1**	**NE**	**NE**
Levey Well	1/25/2021	**0.00693**	**0.0342**	**0.0251**	**0.0113**	**0.0737**	**0.0850**	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	**0.00146**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.0133**	<0.0100	**0.0124**	<0.00100	<0.00100	**0.0738**	**0.0218**
	1/27/2021	**0.00186**	**0.00398**	**0.0101**	**0.00322**	**0.0219**	**0.0251**	<0.0500	**0.00110**	**0.00169**	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.00618**	<0.0100	**0.0125**	<0.00100	<0.00100	**0.0743**	**0.0224**
	2/3/2021	**0.00208**	**0.00551**	**0.0120**	**0.00438**	**0.0262**	**0.0306**	<0.0500	<0.00100	**0.00195**	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	**0.00101**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.00756**	<0.0100	**0.0156**	<0.00100	<0.00100	**0.0945**	**0.0282**
	2/10/2021	**0.00743**	**0.0531**	**0.0280**	**0.0157**	**0.104**	**0.120**	<0.0500	**0.00140**	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	**0.00145**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.0142**	<0.0100	**0.00876**	<0.00100	<0.00100	**0.0448**	**0.0143**
	2/24/2021	**0.00800**	**0.0593**	**0.0287**	**0.0177**	**0.109**	**0.127**	<0.0500	<0.00100	**0.0024**	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	**0.00142**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.0140**	<0.0100	**0.00808**	<0.00100	<0.00100	**0.0408**	**0.0132**
	3/4/2021	**0.00566**	**0.0446**	**0.0222**	**0.0133**	**0.0869**	**0.100**	<0.0500	<0.00100	**0.00187**	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	**0.00110**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.0105**	<0.0100	**0.00694**	<0.00100	<0.00100	**0.0390**	**0.0119**
	3/10/2021	**0.00850**	**0.0668**	**0.0314**	**0.0194**	**0.126**	**0.145**	<0.0500	<0.00100	**0.00270**	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	**0.00176**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.0156**	<0.0100	**0.00898**	<0.00100	<0.00100	**0.0466**	**0.0150**
	3/17/2021	**0.00789**	**0.0563**	**0.0273**	**0.0168**	**0.103**	**0.120**	**0.0253 J**	**0.000840 J**	**0.00239**	<0.000195	<0.00100	<0.00100	NA	<0.000214	<0.000183	**0.00139**	<0.000285	<0.00500	<0.000174	<0.00100	<0.000481	**0.0129**	<0.00200	**0.00830**	<0.000228	<0.000162	**0.0427**	**0.0135**
	3/25/2021	**0.00785**	**0.0585**	**0.0276**	**0.0175**	**0.109**	**0.127**	**0.0206 J**	**0.00129**	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00100	<0.00100	**0.00143**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.0141**	<0.0100	**0.00779**	<0.00100	<0.00100	**0.0416**	<0.00100
	3/31/2021	**0.00661**	**0.0459**	**0.0243**	**0.0143**	**0.0857**	**0.100**	<0.00270	<0.000286	<0.000199	<0.000195	<0.00100	<0.00100	<0.0100	**0.00302**	<0.000183	**0.00144**	<0.000244	<0.00500	<0.000174	<0.00100	<0.000481	**0.0129**	<0.00200	**0.00840**	<0.000228	<0.000162	**0.0422**	**0.01370**
	4/8/2021	**0.00231**	**0.00502**	**0.0106**	**0.00358**	**0.0227**	**0.0263**	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00100	<0.00100	**0.00103**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.00689**	<0.0100	**0.0148**	<0.00100	<0.00100	**0.0951**	**0.0639**
	4/15/2021	**0.00238**	**0.00491**	**0.0109**	**0.00364**	**0.0266**	**0.0302**	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00100	<0.00100	**0.00109**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.00733**	<0.0100	**0.0162**	<0.00100	<0.00100	**0.111**	<0.00100
	4/21/2021	**0.00214**	**0.00431**	**0.00957**	**0.00340**	**0.0198**	**0.0232**	<0.00270	<0.000286	**0.00181**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00103**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00658**	<0.00200	**0.0149**	<0.000228	<0.000623	**0.109**	**0.0631**
	4/28/2021	**0.00888**	**0.0652**	**0.0325**	**0.0201**	**0.121**	**0.141**	**0.0198 J**	<0.000286	**0.00259**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00163**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0161**	<0.00200	**0.00855**	<0.000228	<0.000623	**0.0431**	**0.0138**
	5/5/2021	**0.00808**	**0.0527**	**0.0257**	**0.0160**	**0.0935**	**0.110**	<0.00270	**0.00135**	**0.00232**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00130**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0121**	<0.00200	**0.00760**	<0.000228	<0.000623	**0.0414**	<0.000279
	5/13/2021	**0.00176**	**0.00332**	**0.00899**	**0.00297**	**0.0187**	**0.0217**	<0.00270	**0.00109**	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000802 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00592**	<0.00200	**0.0139**	<0.000228	<0.000623	**0.0828**	**0.0239**
	5/19/2021	**0.00760**	**0.0603**	**0.0296**	**0.0182**	**0.112**	**0.130**	**0.0188 J**	<0.000286	**0.00254**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00157**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0146**	<0.00200	**0.00825**	<0.000228	<0.000623	**0.0403**	**0.0128**
	5/27/2021	**0.00536**	**0.0360**	**0.0206**	**0.0117**	**0.0657**	**0.0774**	**0.0139 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00139**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0111**	<0.00200	**0.00924**	<0.000228	<0.000623	**0.0483**	**0.0150**
	6/2/2021	**0.00701**	**0.0521**	**0.0258**	**0.0154**	**0.0906**	**0.106**	<0.00270	<0.000286	**0.00254**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00160**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0130**	<0.00200	**0.00800**	<0.000228	<0.000623	**0.0388**	**0.0128**
	6/10/2021	**0.00162**	**0.00304**	**0.00713**	**0.00221**	**0.0146**	**0.0168**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	**0.00195**	**0.0126**	<0.000214	<0.000183	**0.000716 J**	<0.000285	<0.000396	<0.000174	<0.000199	**0.00516**	**0.00483**	<0.00200	**0.0109**	<0.000228	<0.000623	**0.0658**	**0.0195**
	6/16/2021	**0.00163**	**0.00240**	**0.00673**	**0.00204**	**0.0138**	**0.0158**	<0.00270	<0.000286	**0.00127**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000757 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00461**	<0.00200	**0.0115**	<0.000228	<0.000623	**0.0728**	**0.0210**
	6/22/2021	**0.00184**	**0.00219**	**0.00736**	**0.00186**	**0.0156**	**0.0175**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000682 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00499**	<0.00200	**0.0111**	<0.000228	<0.000623	**0.0714**	**0.0208**
	6/30/2021	**0.00163**	**0.00169**	**0.00698**	**0.00145**	**0.0143**	**0.0158**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000843 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00484**	<0.00200	**0.0128**	<0.000228	<0.000623	**0.0855**	**0.0247**
	7/1/2021	Levey Well Now Running Full Time																										
	7/7/2021	**0.00456**	**0.0252**	**0.0175**	**0.00765**	**0.0555**	**0.0632**	**0.00587 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00117**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00928**	<0.00200	**0.0119**	<0.000228	<0.000623	**0.0785**	**0.0224**
	7/14/2021	**0.00568**	**0.0325**	**0.0228**	**0.00991**	**0.0739**	**0.0838**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00162**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0124**	<0.00200	**0.0146**	<0.000228	<0.000623	**0.0959**	**0.0287**
	7/20/2021	**0.00574**	**0.0332**	**0.0232**	**0.0106**	**0.0758**	**0.0864**	<0.00270	<0.000286	**0.00265**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00163**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0126**	<0.00200	**0.0142**	<0.000228	<0.000623	**0.0914**	**0.0276**
	7/27/2021	**0.00493**	**0.0286**	**0.0190**	**0.00927**	**0.0640**	**0.0733**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00116**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00965**	<0.00200	**0.0104**	<0.000228	<0.000623	**0.0748**	**0.0215**
	8/5/2021	**0.00510**	**0.0319**	**0.0203**	**0.00967**	**0.0690**	**0.0787**	<0.00270	**0.00170**	**0.00236**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00141**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0110**	<0.00200	**0.0122**	<0.000228	<0.000623	**0.0781**	**0.0236**
	8/11/2021	**0.00594**	**0.0400**	**0.0245**	**0.0121**	**0.0864**	**0.0985**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00168**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0131**	<0.00200	**0.0143**	<0.000228	<0.000623	**0.0950**	**0.0279**
	8/19/2021	**0.00307**	**0.0240**	**0.0119**	**0.00625**	**0.0420**	**0.0483**	**0.00782 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000882 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00636**	<0.00200	**0.00534**	<0.000228	<0.000623	**0.0323**	**0.00981**
	8/25/2021	**0.00419**	**0.0283**	**0.0159**	**0.00846**	**0.0573**	**0.0658**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00109**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00819**	<0.00200	**0.00739**	<0.000228	<0.000623	**0.0507**	**0.0138**
	9/2/2021	**0.00156**	**0.00614**	**0.00606**	**0.00182**	**0.0157**	**0.0175**	<0.00270	**0.000735 J**	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000768 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00465**	<0.00200	**0.00707**	<0.000228	<0.000623	**0.0533**	**0.0169**
	9/8/2021	**0.00433**	**0.0302**	**0.0161**	**0.00848**	**0.0610**	**0.0695**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000975 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00786**	<0.00200	**0.00775**	<0.000228	<0.000623	**0.0570**	<0.000279
	9/14/2021	**0.00510**	**0.0368**	**0.0206**	**0.0114**	**0.0752**	**0.0866**	<0.00270	**0.00129**	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00125**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0104**	<0.00200	**0.00955**	<0.000228	<0.000623	**0.0657**	**0.0181**
	9/21/2021	**0.00431**	**0.0298**	**0.0171**	**0.00920**	**0.0633**	**0.0725**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00110**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00882**	<0.00200	**0.00838**	<0.000228	<0.000623	**0.0649**	**0.0179**
	9/29/2021	**0.00314**	**0.0236**	**0.0123**	**0.00686**	**0.0476**	**0.0545**	**0.00784 J**	<0.000286	**0.00127**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000797 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00606**	<0.00200	**0.00486**	<0.000228	<0.000623	**0.0351**	**0.0103**
	10/7/2021	**0.00353**	**0.0263**	**0.0139**	**0.00762**	**0.0517**	**0.0593**	**0.00592 J**	<0.000286	**0.00142**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000854 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00674**	<0.00200	**0.00605**	<0.000228	<0.000623	**0.0454**	**0.0128**
	10/13/2021	**0.00286**	**0.0213**	**0.0111**	**0.00978**	**0.0695**	**0.0793**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00114**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00566**	<0.00200	**0.00814**	<0.000228	<0.000623	**0.0388**	**0.0110**
	10/21/2021	**0.00280**	**0.0214**	**0.0114**	**0.00624**	**0.0419**	**0.0481**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000746 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00564**	<0.00200	**0.00476**	<0.000228	<0.000623	**0.0359**	**0.0104**
	10/27/2021	**0.00220**	**0.0138**	**0.00867**	**0.00414**	**0.0306**	**0.0347**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000615 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00462**	<0.00200	**0.00485**	<0.000228	<0.000623	**0.0430**	**0.0120**
	11/5/2021	**0.00286**	**0.0223**	**0.0115**	**0.00643**	**0.0428**	**0.0492**	**0.00462 J**	<0.000286	<0.000199	<0.000195	<0.00100	<0.000259	<0.000318	<0.000214	<0.000183	**0.000688 J**	<0.000285	<0.000396	<0.000174	<0.00100	<0.000481	**0.00552**	<0.00200	**0.00371**	<0.000228	<0.000623	**0.0288**	**0.00852**
	11/11/2021	**0.00218**	**0.0150**	**0.00928**	**0.00454**	**0.0330**	**0.0375**	<0.00270	**0.000916 J**	**0.00128**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00141**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00534**	<0.00200	**0.00436**	<0.000228	<0.000623	**0.0423**	**0.0118**
	11/18/2021	**0.00401**	**0.0334**	**0.0162**	**0.00932**	**0.0626**	**0.0719**	<0.00270	<0.000286	**0.00181**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00112**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00800**	<0.00200	**0.00543**	<0.000228	<0.000623	**0.0398**	**0.0119**
	11/24/2021	**0.00331**	**0.0267**	**0.0130**	**0.00783**	**0.0522**	**0.0600**	**0.00520 J**	<0.00100	<0.00100	<0.00100	<0.000500	<0.00100	<0.0100	<0.00100	<0.00100	**0.000773 J**	<0.00100	<0.00500	<0.00100	<0.000199	<0.00500	**0.00616**	<0.0100	**0.00348**	<0.00100	<0.00100	**0.0230**	**0.00670**
	12/1/2021	**0.00256**	**0.0200**	**0.0101**	**0.00564**	**0.0387**	**0.0443**	**0.00324 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000637 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00498**	<0.00200	**0.00280**	<0.000228	<0.000623	**0.0208**	**0.00622**
	12/8/2021	**0.00402**	**0.0320**	**0.0164**	**0.00969**	**0.0631**	**0.0728**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00106**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00794**	<0.00200	**0.00465**	<0.000228	<0.000623	**0.0341**	**0.00992**
	12/16/2021	**0.00323**	**0.0261**	**0.0140**	**0.00818**	**0.0535**	**0.0617**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000915 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00678**	<0.00200	**0.00392**	<0.000228	<0.000623	**0.0309**	**0.00899**
	12/22/2021	**0.00289**	**0.0219**	**0.0105**	**0.00587**	**0.0408**	**0.0467**	**0.00428 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000683 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00508**	<0.00200	**0.00279**	<0.000228	<0.000623	**0.0183**	**0.00553**
	12/29/2021	**0.00611**	**0.0474**	**0.0230**	**0.0143**	**0.0886**	**0.103**	<0.00270	**0.00130**	**0.00199**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00128**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0110**	<0.00200	**0.00544**	<0.000228	<0.000623	**0.0291**	**0.00913**
	1/6/2022	**0.000940 J**	**0.00568**	**0.00394**	**0.00181**	**0.0134**	**0.0152**	<0.00270	<0.000286	**0.000577 J**	<0.000195	**0.000654 J**	<0.000259	<0.000318	<0.000214	<0.000183	**0.000397 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00213**	<0.00200	**0.00127**	<0.000228	<0.000623	**0.0168**	**0.00498**
	1/12/2022	**0.00260**	**0.0190**	**0.01020**	**0.00573**	**0.0381**	**0.0438**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000621 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00707**	<0.00200	**0.00273**	<0.000228	<0.000623	**0.0197**	<0.000279
	1/19/2022	**0.00684**	**0.0520**	**0.0252**	**0.0158**	**0.0980**	**0.114**	**0.00679 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00123**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0118**	<0.00200	**0.00592**	<0.000228	<0.000623	**0.0296**	**0.00947**
	1/26/2022	**0.00264**	**0.0206**	**0.0103**	**0.00604**	**0.0392**	**0.0452**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000568 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00507**	<0.00200	**0.00258**	<0.000228	<0.000623	**0.0139**	**0.00433**
	2/2/2022	Unable to Sample due to Incliment Weather. Booster Pump for Levey Well Damaged by Freeze.																										
	2/8/2022	**0.00288**	**0.0228**	**0.0122**	**0.00697**	**0.0458**	**0.0528**	**0.0112 J**	<0.000286	**0.00125**	<0.000195	**0.00194**	<0.000259	<0.000318	<0.000214	<0.000183	**0.000813 J**	<0.000285	<0.000396	<0.000174	**0.000211 J**	<0.000481	**0.00591**	<0.00200	**0.00329**	<0.000228	<0.000623	**0.0228**	**0.00693**

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 1
GROUNDWATER SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	VOCs (mg/L)																										
		Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylenes	Total Xylenes	Methyl ethyl ketone (2-Butanone)	n-Butylbenzene	Sec-Butylbenzene	tert-Butylbenzene	Tetrachloroeth(y)lene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	p-Cymene (p-Isopropyltoluene)	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,2-Dichloroeth(y)lene	1,4-Dichlorobenzene	1,1-Dichloropropene	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,1,2-Trichloroethane	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**0.005**	**1**	**0.7**	**NE**	**NE**	**0.62**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.1**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.005**	**NE**	**0.075**	**NE**	**NE**	**0.03**	**NE**	**0.01**	**0.1**	**NE**	**NE**
Levey Well	2/16/2022	**0.000814 J**	**0.00676**	**0.00397**	**0.00212**	**0.0142**	**0.0163**	<0.00270	<0.000286	<0.000199	<0.000195	**0.00175**	<0.000259	<0.000318	<0.000214	<0.000183	**0.000336 J**	<0.000285	**0.000534 J**	<0.000174	<0.000199	<0.000481	**0.00202**	<0.00200	**0.00130**	<0.000228	<0.000623	**0.00924**	**0.00283**
	2/25/2022	**0.00370**	**0.0196**	**0.0133**	**0.00750**	**0.0489**	**0.0564**	**0.00976 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000696 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00626**	<0.00200	**0.00308**	<0.000228	<0.000623	**0.0131**	**0.00450**
	3/3/2022	**0.00462**	**0.0327**	**0.0162**	**0.00973**	**0.0634**	**0.0731**	**0.0180 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000710 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00731**	<0.00200	**0.00342**	<0.000228	<0.000623	**0.0140**	**0.00470**
	3/9/2022	**0.00552**	**0.0388**	**0.0204**	**0.0124**	**0.0768**	**0.0892**	<0.00270	**0.00169**	**0.00180**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00109**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00966**	<0.00200	**0.00484**	<0.000228	<0.000623	**0.0226**	**0.00720**
	3/14/2022	Booster Pump for Levey Well Repaired and Back on Running Full Time.																											
	3/16/2022	**0.00283**	**0.0227**	**0.0106**	**0.00619**	**0.0409**	**0.0471**	<0.00270	<0.000286	**0.000916 J**	<0.000195	**0.00174**	<0.000259	<0.000318	<0.000214	<0.000183	**0.000550 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00477**	<0.00200	**0.00238**	<0.000228	<0.000623	**0.0114**	**0.00388**
	3/24/2022	**0.00236**	**0.0178**	**0.00867**	**0.00491**	**0.0341**	**0.0390**	<0.00270	**0.000553 J**	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000509 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00409**	<0.00200	**0.00208**	<0.000228	<0.000623	**0.0101**	**0.00323**
	3/31/2022	**0.00254**	**0.0197**	**0.00985**	**0.00574**	**0.0371**	**0.0428**	**0.00431 J**	<0.000286	**0.000932 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000605 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00482**	<0.00200	**0.00233**	<0.000228	<0.000623	**0.0121**	**0.00390**
	4/6/2022	**0.00282**	**0.0215**	**0.0106**	**0.00647**	**0.0405**	**0.0470**	**0.00381 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000581 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00491**	<0.00200	**0.00250**	<0.000228	<00000623	**0.0125**	**0.00386**
	4/13/2022	**0.00148**	**0.0113**	**0.00559**	**0.00334**	**0.0211**	**0.0244**	<0.00270	<0.000286	<0.000199	<0.000195	**0.000531 J**	<0.000259	<0.000318	<0.000214	<0.000183	**0.000351 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00269**	<0.00200	**0.00153**	<0.000228	<00000623	**0.00856**	**0.00264**
	4/20/2022	**0.000594 J**	**0.00776**	**0.00375**	**0.00212**	**0.0158**	**0.0179**	<0.00270	<0.000286	**0.000408 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000239 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00196**	<0.00200	**0.000651 J**	<0.000228	<0.000623	**0.00643**	**0.00156**
	4/28/2022	**0.00151**	**0.0112**	**0.00540**	**0.00323**	**0.0207**	**0.0239**	<0.00270	<0.000286	**0.000523 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00238**	<0.00200	**0.00133**	<0.000228	<0.000623	**0.00733**	**0.00242**
	5/5/2022	**0.00294**	**0.0275**	**0.0130**	**0.00761**	**0.0515**	**0.0591**	<0.00270	<0.000286	**0.00117**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000709 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00600**	<0.00200	**0.00265**	<0.000228	<0.000623	**0.0145**	**0.00440**
	5/10/2022	**0.00343**	**0.0282**	**0.0132**	**0.00821**	**0.0517**	**0.0599**	<0.00270	<0.000286	**0.00119**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000652 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00630**	<0.00200	**0.00301**	<0.000228	<0.000623	**0.0148**	**0.00463**
	5/19/2022	**0.00285**	**0.0228**	**0.0107**	**0.00633**	**0.0424**	**0.0487**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000527 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00521**	<0.00200	**0.00232**	<0.000228	<0.000623	**0.0102**	**0.00345**
	5/26/2022	**0.00431**	**0.0360**	**0.0171**	**0.0109**	**0.0679**	**0.0788**	<0.00270	<0.000286	**0.00153**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000918 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00840**	<0.00200	**0.00391**	<0.000228	<0.000623	**0.0182**	**0.00580**
	6/1/2022	**0.00296**	**0.0233**	**0.0107**	**0.00653**	**0.0423**	**0.0488**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000538 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00499**	<0.00200	**0.00212**	<0.000228	<0.000623	**0.00987**	**0.00337**
	6/9/2022	**0.00228**	**0.0182**	**0.00874**	**0.00514**	**0.0352**	**0.0403**	<0.00270	**0.000536 J**	**0.000776 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000539 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00436**	<0.00200	**0.00197**	<0.000228	<0.000623	**0.00847**	**0.00271**
	6/17/2022	**0.00368**	**0.0282**	**0.0141**	**0.00881**	**0.0544**	**0.0632**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000744 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00678**	<0.00200	**0.00340**	<0.000228	<0.000623	**0.0152**	**0.00482**
	6/23/2022	**0.00344**	**0.0304**	**0.0149**	**0.00959**	**0.0599**	**0.0695**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000733 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00715**	<0.00200	**0.00313**	<0.000228	<0.000623	**0.0161**	**0.00509**
	6/29/2022	**0.00340**	**0.0286**	**0.0137**	**0.00879**	**0.0558**	**0.0646**	<0.00270	<0.000286	<0.000199	**0.00122**	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000651 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00632**	<0.00200	**0.00274**	<0.000228	<0.000623	**0.0140**	**0.00428**
	7/7/2022	**0.00219**	**0.0165**	**0.00779**	**0.00481**	**0.0314**	**0.0362**	**0.00545 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000399 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00372**	<0.00200	**0.00172**	<0.000228	<0.000623	**0.00732**	**0.00234**
	7/13/2022	**0.00201**	**0.0151**	**0.00698**	**0.00430**	**0.0283**	**0.0326**	**0.00523 J**	**0.000406 J**	<0.000199	<0.000195	<0.000424	<0.000259	<0.000318	<0.000214	<0.000183	**0.000384 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00327**	<0.00200	**0.00167**	<0.000228	<0.000623	**0.00669**	**0.00223**
	7/20/2022	**0.00431**	**0.0348**	**0.0166**	**0.0107**	**0.0692**	**0.0799**	<0.00270	**0.000557 J**	<0.000199	<0.000195	<0.000424	<0.000259	<0.000318	<0.000214	<0.000183	**0.000703 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00764**	<0.00200	**0.00360**	<0.000228	<0.000623	**0.0179**	**0.00557**
	7/27/2022	**0.00437**	**0.0327**	**0.0157**	**0.00998**	**0.0617**	**0.0717**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00744**	<0.00135	**0.00345**	<0.000511	<0.000655	**0.0158**	**0.00490**
	8/4/2022	**0.00264**	**0.0192**	**0.00908**	**0.00555**	**0.0354**	**0.0410**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00422**	<0.00135	**0.00207**	<0.000511	<0.000655	**0.00853**	**0.00272**
	8/10/2022	**0.00308**	**0.0225**	**0.0105**	**0.00645**	**0.0410**	**0.0475**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00484**	<0.00135	**0.00245**	<0.000511	<0.000655	**0.00976**	**0.00298**
	8/18/2022	**0.00304**	**0.0261**	**0.0124**	**0.00795**	**0.0495**	**0.0575**	<0.00828	<0.000644	**0.00104**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00589**	<0.00135	**0.00280**	<0.000511	<0.000655	**0.0131**	**0.00410**
	8/24/2022	**0.00372**	**0.0296**	**0.0139**	**0.00885**	**0.0564**	**0.0653**	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00200	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.00657**	<0.0100	**0.00295**	<0.00100	<0.00100	**0.0131**	**0.00431**
	8/31/2022	**0.00443**	**0.0320**	**0.0155**	**0.00977**	**0.0632**	**0.0730**	<0.00828	<0.000644	**0.00179**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.00134**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00752**	<0.00135	**0.00375**	<0.000511	<0.000655	**0.0149**	**0.00504**
	9/15/2022	**0.00267**	**0.0204**	**0.00952**	**0.00594**	**0.0378**	**0.0437**	<0.00828	<0.000644	**0.000792 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00459**	<0.00135	**0.00203**	<0.000511	<0.000655	**0.00863**	**0.00281**
	9/22/2022	**0.00245**	**0.0186**	**0.00866**	**0.00543**	**0.0354**	**0.0408**	<0.00828	<0.000644	**0.000740 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00424**	<0.00135	**0.00193**	<0.000511	<0.000512	**0.00734**	**0.00250**
	9/28/2022	**0.00237**	**0.0189**	**0.00848**	**0.00532**	**0.0341**	**0.0394**	<0.00828	<0.000644	**0.000715 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00413**	<0.00136	**0.00179**	<0.000511	<0.000512	**0.00707**	**0.00226**
	10/4/2022	**0.00269**	**0.0221**	**0.0104**	**0.00620**	**0.0427**	**0.0489**	<0.00828	<0.000644	**0.000944 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00492**	<0.00135	**0.00239**	<0.000511	<0.000655	**0.00963**	**0.00304**
	10/14/2022	**0.00314**	**0.0232**	**0.0105**	**0.00624**	**0.0429**	**0.0491**	<0.00828	<0.000644	**0.000856 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00494**	<0.00135	**0.00233**	<0.000511	<0.000655	**0.00932**	**0.00306**
	10/19/2022	**0.00241**	**0.0175**	**0.00791**	**0.00477**	**0.0332**	**0.0380**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00396**	<0.00135	**0.00177**	<0.000511	<0.000655	**0.00751**	**0.00245**
	10/27/2022	**0.00341**	**0.0282**	**0.0136**	**0.00861**	**0.0556**	**0.0642**	<0.00828	<0.000644	**0.00185**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.00150**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00646**	<0.00135	**0.00336**	<0.000511	<0.000655	**0.0143**	**0.00503**
	11/2/2022	**0.00267**	**0.0199**	**0.00893**	**0.00571**	**0.0364**	**0.0421**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00447**	<0.00135	**0.00204**	<0.000511	<0.000655	**0.00812**	**0.00266**
	11/9/2022	**0.00258**	**0.0191**	**0.00876**	**0.00552**	**0.0351**	**0.0406**	<0.00828	<0.000644	**0.000814 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00417**	<0.00135	**0.00193**	<0.000511	<0.000655	**0.00784**	**0.00264**
	11/16/2022	**0.00271**	**0.0204**	**0.00980**	**0.00594**	**0.0391**	**0.0450**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00470**	<0.00135	**0.00223**	<0.000511	<0.000655	**0.00910**	**0.00291**
	11/30/2022	**0.00246**	**0.0178**	**0.00900**	**0.00573**	**0.0354**	**0.0411**	<0.00828	<0.000644	**0.000875 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00436**	<0.00135	**0.00204**	<0.000511	<0.000655	**0.00919**	**0.00268**
	12/9/2022	**0.00200**	**0.0162**	**0.00774**	**0.00489**	**0.0311**	**0.0360**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00375**	<0.00135	**0.00165**	<0.000511	<0.000655	**0.00714**	**0.00229**
	12/15/2022	**0.00192**	**0.0143**	**0.00680**	**0.00446**	**0.0279**	**0.0324**	<0.00828	<0.000644	**0.000643 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00329**	<0.00135	**0.00151**	<0.000511	<0.000655	**0.00637**	**0.00213**
	12/21/2022	**0.00236**	**0.0176**	**0.00811**	**0.00507**	**0.0332**	**0.0383**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00425**	<0.00135	**0.00204**	<0.000511	<0.000655	**0.00891**	**0.00275**
	12/29/2022	**0.00325**	**0.0244**	**0.0122**	**0.00793**	**0.0485**	**0.0564**	<0.00828	<0.000644	**0.00119**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00601**	<0.00135	**0.00294**	<0.000511	<0.000655	**0.0127**	**0.00393**
	1/4/2023	Electrical Failure, Unable to Sample.																											
	1/13/2023	**0.00344**	**0.0290**	**0.0135**	**0.00827**	**0.0558**	**0.0641**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00668**	<0.00135	**0.00303**	<0.000511	<0.000655	**0.0120**	**0.00408**
	1/19/2023	**0.00418**	**0.0357**	**0.0146**	**0.00899**	**0.0602**	**0.0692**	<0.00828	<0.000644	**0.00135**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00684**	<0.00135	**0.00313**	<0.000511	<0.000655	**0.0114**	**0.00396**
	1/25/2023	**0.00589**	**0.0498**	**0.0228**	**0.0139**	**0.0938**	**0.1080**	<0.00828	**0.00112**	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.00108**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.0112**	<0.00135	**0.00495**	<0.000511	<0.000655	**0.0198**	**0.00669**
	2/2/2023	**0.00421**	**0.0338**	**0.0146**	**0.00885**	**0.0601**	**0.0690**	<0.00828	**0.000778 J**	**0.00121**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00695**	<0.00135	**0.0032**	<0.000511	<0.000655	**0.0112**	**0.00392**
	2/8/2023	**0.00381**	**0.0269**	**0.0115**	**0.00734**	**0.0496**	**0.0569**	<0.00828	<0.000644	**0.00101**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00583**	<0.00135	**0.00265**	<0.000511	<0.000655	**0.0106**	**0.00335**
	2/17/2023	**0.00254**	**0.0204**	**0.00982**	**0.00629**	**0.0396**	**0.0459**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00499**	<0.00135	**0.00238**	<0.000511	<0.000655	**0.0102**	**0.00316**
	2/22/2023	**0.00363**	**0.0281**	**0.0133**	**0.00889**	**0.0540**	**0.0629**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00623**	<0.00135	**0.00302**	<0.000511	<0.000655	**0.0140**	**0.00426**
	3/3/2023	**0.00421**	**0.0316**	**0.0145**	**0.00911**	**0.0581**	**0.0672**	<0.00828	<0.000644	**0.00117**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00698**	<0.00135	**0.00300**	<0.000511	<0.000655	**0.0124**	**0.00408**
	3/8/2023	**0.00410**	**0.0288**	**0.0132**	**0.00896**	**0.0539**	**0.0629**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00618**	<0.00135	**0.00276**	<0.000511	<0.000655	**0.0138**	**0.00409**
	3/15/2023	**0.00318**	**0.0245**	**0.0113**	**0.00747**	**0.0450**	**0.0525**	<0.00828	<0.000644	**0.000987 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00543**	<0.00135	**0.00250**	<0.000511	<0.000655	**0.0112**	**0.00329**

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 1
GROUNDWATER SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	VOCs (mg/L)																										
		Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylenes	Total Xylenes	Methyl ethyl ketone (2-Butanone)	n-Butylbenzene	Sec-Butylbenzene	tert-Butylbenzene	Tetrachloroeth(y)lene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	p-Cymene (p-Isopropyltoluene)	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,2-Dichloroeth(y)lene	1,4-Dichlorobenzene	1,1-Dichloropropene	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,1,2-Trichloroethane	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**0.005**	**1**	**0.7**	**NE**	**NE**	**0.62**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.1**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.005**	**NE**	**0.075**	**NE**	**NE**	**0.03**	**NE**	**0.01**	**0.1**	**NE**	**NE**
Levey Well	3/23/2023	**0.00278**	**0.0219**	**0.0103**	**0.00617**	**0.0393**	**0.0455**	<0.00828	<0.000644	**0.000873 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00513**	<0.00135	**0.00224**	<0.000511	<0.000655	**0.00930**	**0.00289**
	3/29/2023	**0.00274**	**0.0197**	**0.00898**	**0.00564**	**0.0349**	**0.0405**	<0.00828	<0.000644	**0.000857 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00462**	<0.00135	**0.00192**	<0.000511	<0.000655	**0.00798**	**0.00246**
	4/6/2023	**0.00326**	**0.0242**	**0.0113**	**0.00757**	**0.0451**	**0.0527**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00554**	<0.00135	**0.00237**	<0.000511	<0.000655	**0.0110**	**0.00328**
	4/14/2023	**0.00196**	**0.0142**	**0.00641**	**0.00432**	**0.0251**	**0.0294**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00316**	<0.00135	**0.00142**	<0.000511	<0.000655	**0.00638**	**0.00204**
	4/26/2023	**0.00315**	**0.0256**	**0.0119**	**0.00779**	**0.0508**	**0.0586**	<0.00828	<0.000644	**0.0011**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00595**	<0.00135	**0.00251**	<0.000511	<0.000655	**0.01160**	**0.00346**
	5/2/2023	**0.00230**	**0.0168**	**0.00748**	**0.00491**	**0.0302**	**0.0351**	<0.00828	<0.000644	**0.000716 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00367**	<0.00135	**0.00169**	<0.000511	<0.000655	**0.00721**	**0.00229**
	5/11/2023	**0.00224**	**0.0163**	**0.00757**	**0.00487**	**0.0277**	**0.0326**	<0.00828	<0.000644	**0.000743 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00364**	<0.00135	**0.00166**	<0.000511	<0.000655	**0.00700**	**0.00230**
	5/15/2023	**0.00134**	**0.00949**	**0.00492**	**0.00275**	**0.0190**	**0.0218**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00285**	<0.00135	**0.00106**	<0.000511	<0.000655	**0.00436**	**0.00129**
	5/25/2023	**0.00161**	**0.0113**	**0.00570**	**0.00323**	**0.0211**	**0.0243**	<0.00828	<0.000644	**0.000561 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00267**	<0.00135	**0.00127**	<0.000511	<0.000655	**0.00441**	**0.00141**
	5/30/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	**0.000889 J**	<0.000456
	6/9/2023	**0.00327**	**0.0264**	**0.0129**	**0.00821**	**0.0529**	**0.0611**	<0.00828	**0.000774 J**	**0.00137**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00611**	<0.00135	**0.00323**	<0.000511	<0.000655	**0.01400**	**0.00411**
	6/15/2023	**0.00219**	**0.0154**	**0.00761**	**0.00487**	**0.0292**	**0.0341**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00398**	<0.00135	**0.00175**	<0.000511	<0.000655	**0.00744**	**0.00229**
	6/23/2023	**0.00365**	**0.0251**	**0.0139**	**0.00865**	**0.0564**	**0.0651**	<0.00828	**0.000789 J**	**0.00128**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00633**	<0.00135	**0.00291**	<0.000511	<0.000655	**0.0141**	**0.00414**
	6/26/2023	**0.00257**	**0.0177**	**0.00872**	**0.00591**	**0.0356**	**0.0415**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00406**	<0.00135	**0.00199**	<0.000511	<0.000655	**0.00922**	**0.00261**
	7/5/2023	**0.00328**	**0.0241**	**0.0126**	**0.00842**	**0.0508**	**0.0592**	<0.00828	<0.000644	**0.00119**	<0.000442	<0.000801	**0.0173**	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00636**	<0.00135	**0.00280**	<0.000511	<0.000655	**0.0129**	**0.00384**
	7/13/2023	**0.00365**	**0.0239**	**0.0125**	**0.00796**	**0.0540**	**0.0620**	<0.00828	<0.000644	**0.00102**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00586**	<0.00135	**0.00252**	<0.000511	<0.000655	**0.0123**	**0.00368**
	7/17/2023	**0.00238**	**0.0198**	**0.0103**	**0.00646**	**0.0431**	**0.0496**	<0.00828	<0.000644	**0.000987 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00484**	<0.00135	**0.00222**	<0.000511	<0.000655	**0.0102**	**0.00307**
	7/27/2023	**0.00659**	**0.0421**	**0.0228**	**0.0138**	**0.0887**	**0.103**	<0.00828	**0.00111**	**0.00197**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.00116**	<0.000590	**0.00262 J**	<0.000714	<0.000513	<0.00160	**0.0111**	<0.00135	**0.00502**	<0.000511	<0.000655	**0.0219**	**0.00651**
	7/31/2023	<0.000460	**0.000786 J**	**0.000681 J**	<0.000551	**0.00256 J**	**0.00256 J**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	**0.00120**	<0.000456
	8/9/2023	**0.00387**	**0.0283**	**0.0140**	**0.00880**	**0.0548**	**0.0636**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00660**	<0.00135	**0.00283**	<0.000511	<0.000655	**0.0115**	**0.00388**
	8/14/2023	**0.00575**	**0.0378**	**0.0185**	**0.0117**	**0.0754**	**0.0871**	<0.00828	**0.000788 J**	**0.00143**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00855**	<0.00135	**0.00372**	<0.000511	<0.000655	**0.0157**	**0.00509**
	8/23/2023	**0.00481**	**0.0338**	**0.0168**	**0.0113**	**0.0683**	**0.0796**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.00105**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00863**	<0.00135	**0.00419**	<0.000511	<0.000655	**0.0187**	**0.00559**
	8/28/2023	<0.000460	**0.00312**	**0.00259**	**0.00171**	**0.0108**	**0.0125**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00176**	<0.00135	**0.000898 J**	<0.000511	<0.000655	**0.00395**	**0.00109**
	9/7/2023	**0.00283**	**0.0193**	**0.00885**	**0.00610**	**0.0376**	**0.0437**	<0.00828	<0.000644	**0.000738 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00327**	<0.00135	**0.00158**	<0.000511	<0.000655	**0.0101**	**0.00280**
	9/13/2023	**0.00184**	**0.0137**	**0.00647**	**0.00410**	**0.0253**	**0.0294**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00323**	<0.00135	**0.00162**	<0.000411	<0.000619	**0.00705**	**0.00217**
	9/22/2023	**0.00351**	**0.0268**	**0.0125**	**0.00831**	**0.0517**	**0.0600**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	**0.000772 J**	<0.000372	<0.000556	<0.000372	<0.000449	<0.000624	**0.00612**	<0.00135	**0.00300**	<0.000411	<0.000619	**0.0132**	**0.00390**
	9/25/2023	<0.000460	**0.00223**	**0.00141**	**0.00966 J**	**0.00603 J**	**0.00700 J**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000514	<0.000457	<0.000449	<0.000624	**0.000880 J**	<0.00135	<0.000429	<0.000411	<0.000619	**0.00202**	**0.000590 J**
	10/2/2023	**0.00460**	**0.0324**	**0.0161**	**0.0109**	**0.0659**	**0.0768**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	**0.000884 J**	<0.000372	<0.000514	<0.000457	<0.000449	<0.000624	**0.00766**	<0.00135	**0.00379**	<0.000411	<0.000619	**0.0166**	**0.00484**
	10/9/2023	<0.000460	<0.000475	**0.000409 J**	<0.000502	**0.00150 J**	**0.00150 J**	<0.00828	<0.000510	<0.000468	<0.000442	**0.000818 J**	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	**0.000980 J**	<0.000411
	10/17/2023	**0.00364**	**0.0270**	**0.0135**	**0.00940**	**0.0571**	**0.0665**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	**0.000820 J**	<0.000372	<0.000514	<0.000457	<0.000449	<0.000624	**0.00644**	<0.00135	**0.00298**	<0.000411	<0.000619	**0.0141**	**0.00410**
	10/23/2023	<0.000460	<0.000475	<0.000385	<0.000502	**0.00137 J**	**0.00137 J**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	10/31/2023	**0.00126**	**0.00886**	**0.00484**	**0.00313**	**0.0190**	**0.0221**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00260**	<0.00135	**0.00118**	<0.000411	<0.000619	**0.00521**	**0.00150**
	11/6/2023	<0.000460	<0.000475	**0.000493 J**	<0.000502	**0.00199 J**	**0.00199 J**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	**0.00122**	<0.000411
	11/16/2023	**0.00208**	**0.0124**	**0.00691**	**0.00440**	**0.0287**	**0.0331**	<0.00828	<0.000510	**0.000710 J**	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00351**	<0.00135	<0.000429	<0.000411	<0.000619	**0.00771**	**0.00239**
	11/20/2023	<0.000460	**0.000991 J**	**0.000850 J**	**0.000604 J**	**0.00362 J**	**0.00422 J**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	**0.00141**	**0.000431 J**
	11/27/2023	**0.00160**	**0.0110**	**0.00574**	**0.00359**	**0.0249**	**0.0285**	<0.00828	<0.000510	**0.000566 J**	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00319**	<0.00135	**0.00123**	<0.000411	<0.000619	**0.00551**	**0.00171**
	12/8/2023	<0.000460	**0.00112**	**0.000630 J**	**0.000585 J**	**0.00233 J**	**0.00292 J**	<0.00828	<0.000510	<0.000468	<0.000442	**0.000779 J**	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	**0.00122**	**0.000541 J**
	12/11/2023	**0.00443**	**0.0297**	**0.0154**	**0.0103**	**0.0630**	**0.0733**	<0.00828	<0.000510	**0.00141**	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	**0.000794 J**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00753**	<0.00135	**0.00337**	<0.000411	<0.000619	**0.0154**	**0.00439**
	12/18/2023	<0.000460	**0.00445**	**0.00137**	**0.00224**	**0.00614 J**	**0.00838 J**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	**0.000466 J**	<0.000411	<0.000619	**0.00300**	**0.00124**
	1/2/2024	**0.00196**	**0.0117**	**0.00617**	**0.00468**	**0.0299**	**0.0346**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00371**	<0.00135	**0.00189**	<0.000411	<0.000619	**0.00827**	**0.00246**
	1/10/2024	**0.00471**	**0.0318**	**0.0166**	**0.0104**	**0.0696**	**0.0800**	<0.00828	**0.000839 J**	**0.00148**	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	**0.000883 J**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00801**	<0.00135	**0.00368**	<0.000411	<0.000619	**0.0148**	**0.00497**
	1/15/2024	**0.00714**	**0.0444**	**0.0253**	**0.0174**	**0.103**	**0.120**	<0.00828	**0.00112**	**0.00181**	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	**0.00107**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.0120**	<0.00135	**0.00447**	<0.000411	<0.000619	**0.0229**	**0.00707**
	1/25/2024	<0.000460	**0.00366**	**0.00226**	**0.00169**	**0.0102**	**0.0119**	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00131**	<0.00135	**0.000745 J**	<0.000411	<0.000619	**0.00338**	**0.000815 J**
	1/29/2024	**0.00726**	**0.0416**	**0.0245**	**0.0165**	**0.0984**	**0.0115**	<0.00828	**0.00107**	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	**0.00116**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.0119**	<0.00135	**0.00508**	<0.000411	<0.000619	**0.0245**	**0.00749**

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Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 1
GROUNDWATER SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	VOCs (mg/L)																										
		Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylenes	Total Xylenes	Methyl ethyl ketone (2-Butanone)	n-Butylbenzene	Sec-Butylbenzene	tert-Butylbenzene	Tetrachloroeth(y)lene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	p-Cymene (p-Isopropyltoluene)	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,2-Dichloroeth(y)lene	1,4-Dichlorobenzene	1,1-Dichloropropene	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,1,2-Trichloroethane	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**0.005**	**1**	**0.7**	**NE**	**NE**	**0.62**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.1**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.005**	**NE**	**0.075**	**NE**	**NE**	**0.03**	**NE**	**0.01**	**0.1**	**NE**	**NE**
MW-1	5/26/2020	**0.000500 J**	<0.000500	<0.000146	<0.000192	**0.00215 J**	**0.00215**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000162	**0.00101**	**0.0005 J**
	6/30/2020	**0.00275**	<0.00100	<0.00100	<0.00100	**0.0136**	**0.0136**	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100	**0.00665**	**0.00271**
	8/20/2020	**0.00222**	<0.00100	<0.00100	<0.00100	<0.0100	<0.00100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100	**0.00388**	**0.00175**
	10/23/2020	**0.00353**	<0.000367	<0.000657	<0.000642	**0.00246 J**	**0.00246**	NA																					
	11/24/2020	**0.00241**	<0.000500	**0.000310 J**	<0.000192	**0.00133 J**	**0.001330**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000162	**0.00151**	**0.000820 J**
	12/18/2020	**0.00257**	<0.000500	**0.000580 J**	<0.000192	**0.00145 J**	**0.00145**	<0.00270	<0.000286	**0.000350 J**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.000270 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000320 J**	<0.00200	**0.000230 J**	<0.000228	<0.000162	**0.00234**	**0.00111**
	12/23/2020	**0.00159**	<0.000500	**0.000380 J**	<0.000192	**0.000970 J**	**0.000970 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	**0.000230 J**	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000162	**0.000720 J**	**0.000360 J**
	12/30/2020	**0.00194**	<0.000500	**0.000470 J**	<0.000192	**0.00148 J**	**0.00148**	<0.00270	<0.000286	**0.000230 J**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000240 J**	<0.00200	<0.000179	<0.000228	<0.000162	**0.00154**	**0.000750 J**
	1/6/2021	**0.00209**	<0.000500	**0.000330 J**	<0.000192	**0.00122 J**	**0.00122**	<0.00270	<0.000286	**0.000310 J**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.000260 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000190 J**	<0.00200	<0.000179	<0.000228	<0.000162	**0.00219**	**0.00103**
	1/12/2021	**0.00211**	**0.000690 J**	**0.000540 J**	<0.000192	**0.00163 J**	**0.00163**	<0.00270	<0.000286	**0.000220 J**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000200 J**	<0.00200	<0.000179	<0.000228	<0.000162	**0.00143**	**0.000670 J**
	1/20/2021	**0.00222**	<0.000500	**0.000430 J**	<0.000192	**0.00137 J**	**0.00137**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000210 J**	<0.00200	<0.000179	<0.000228	<0.000162	**0.00140**	**0.000720 J**
	1/27/2021	**0.00157**	<0.000500	**0.000400 J**	<0.000192	**0.00123 J**	**0.00123**	**0.00398 J**	<0.000286	**0.000270 J**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000210 J**	<0.00200	<0.000179	<0.000228	<0.000162	**0.00153**	**0.000830 J**
	2/3/2021	**0.00203**	<0.000500	**0.000430 J**	<0.000192	**0.00100 J**	**0.00100 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000180 J**	<0.00200	<0.000179	<0.000228	<0.000162	**0.00105**	**0.000510 J**
	2/10/2021	**0.00196**	<0.000500	**0.000560 J**	<0.000192	**0.00143 J**	**0.00143**	<0.00575	<0.000286	**0.000240 J**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000300 J**	<0.00200	<0.000179	<0.000228	<0.000162	**0.00143**	**0.000740 J**
	2/24/2021	**0.00158**	<0.000500	**0.000460 J**	<0.000192	**0.00110 J**	**0.0011**	<0.00575	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000210 J**	<0.00200	<0.000179	<0.000228	<0.000162	**0.000930 J**	**0.000490 J**
	3/4/2021	**0.00139**	<0.000500	**0.00102**	<0.000192	**0.00211 J**	**0.00211**	<0.00575	<0.000286	**0.000240 J**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000440 J**	<0.00200	**0.000240 J**	<0.000228	<0.000162	**0.00131**	**0.000680 J**
	3/10/2021	**0.00143**	<0.000500	**0.000490 J**	<0.000192	**0.000900 J**	**0.000900 J**	<0.00575	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000200 J**	<0.00200	<0.000179	<0.000228	<0.000162	**0.000780 J**	**0.000370 J**
	3/17/2021	**0.00159**	**0.00112**	**0.000790 J**	<0.000192	**0.00183 J**	**0.00183**	<0.00575	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000380 J**	<0.00200	**0.000230 J**	<0.000228	<0.000162	**0.00145**	**0.000570 J**
	3/25/2021	**0.00159**	<0.00100	**0.000533 J**	<0.00100	**0.00123 J**	**0.00123 J**	<0.0500	<0.00100	**0.000214 J**	<0.00100	<0.00100	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.000253 J**	<0.0100	<0.00100	<0.00100	<0.00100	**0.00152**	<0.00100
	3/31/2021	**0.00161**	<0.000500	**0.000333 J**	<0.000192	**0.000714 J**	**0.000714 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.00100	<0.00100	<0.0100	<0.00100	<0.000183	<0.000233	<0.000285	<0.00500	<0.000174	<0.00100	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000162	**0.000980 J**	**0.000392 J**
	4/8/2021	**0.00128**	<0.000500	**0.000463 J**	<0.000192	**0.000985 J**	**0.000985 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000214 J**	<0.00200	**0.000271 J**	<0.000228	<0.000162	**0.00171**	<0.000279
	4/15/2021	**0.00124**	<0.000500	**0.000366 J**	<0.000192	**0.00140 J**	**0.00140 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000162	**0.00185**	<0.000279
	4/21/2021	**0.00114**	<0.000500	**0.00114**	<0.000192	**0.00148 J**	**0.00148 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000421 J**	<0.00200	**0.000338 J**	<0.000228	<0.000623	**0.00187**	**0.000711 J**
	4/28/2021	**0.00126**	<0.000500	**0.00116**	<0.000192	**0.00220 J**	**0.00220 J**	<0.00270	<0.000286	**0.000203 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000593 J**	<0.00200	**0.000274 J**	<0.000228	<0.000623	**0.00150**	**0.000483 J**
	5/5/2021	**0.00149**	<0.000500	**0.000834 J**	<0.000192	**0.00124 J**	**0.00124 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.00134**	**0.000333 J**
	5/13/2021	**0.00122**	<0.000500	<0.000515	<0.000192	**0.000619 J**	**0.000619 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.00159**	<0.000279
	5/19/2021	**0.00138**	**0.000545 J**	**0.00126**	<0.000192	**0.00269 J**	**0.00269 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000613 J**	<0.00200	**0.000281 J**	<0.000228	<0.000623	**0.00191**	**0.000594 J**
	5/27/2021	**0.00138**	<0.000500	**0.00102**	<0.000192	**0.00209 J**	**0.00209 J**	<0.00270	<0.000286	**0.000251 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000519 J**	<0.00200	<0.000179	<0.000228	<0.000623	**0.00197**	**0.000564 J**
	6/2/2021	**0.00134**	<0.000500	**0.000953 J**	<0.000192	**0.00209 J**	**0.00209 J**	<0.00270	<0.000286	**0.000290 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000254 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000496 J**	<0.00200	<0.000179	<0.000228	<0.000623	**0.00195**	**0.000591 J**
	6/10/2021	**0.000930 J**	<0.000500	<0.000515	<0.000192	**0.000631 J**	**0.000631 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.00161	<0.00200	<0.000179	<0.000228	<0.000623	**0.00150**	**0.000287 J**
	6/16/2021	**0.000920 J**	<0.000500	<0.000515	<0.000192	**0.000904 J**	**0.000904 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000228 J**	<0.00200	<0.000179	<0.000228	<0.000623	**0.00182**	<0.000279
	6/22/2021	**0.00115**	<0.000500	<0.000515	<0.000192	**0.000526 J**	**0.000526 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000433	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.00319**	**0.000332 J**
	6/30/2021	**0.000893 J**	<0.000500	<0.000515	<0.000192	**0.000657 J**	**0.000657 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.00155**	<0.000279
	7/1/2021	Levey Well Now Running Full Time																											
	7/7/2021	**0.000720 J**	<0.000500	<0.000515	<0.000192	**0.000391 J**	**0.000391 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.00996**	**0.00199**
	7/14/2021	**0.000894 J**	<0.000500	<0.000515	<0.000192	**0.000391 J**	**0.000391 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000239 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.00360**	**0.000732 J**
	7/20/2021	**0.000981 J**	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.00148**	**0.000378 J**
	7/27/2021	**0.00114**	<0.000500	<0.000515	<0.000192	**0.000467 J**	**0.000467 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000813	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.00154**	**0.000305 J**
	8/5/2021	**0.000808 J**	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.000615 J**	<0.000279
	8/11/2021	**0.000871 J**	<0.000500	<0.000515	<0.000192	**0.000345 J**	**0.000345 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.000799 J**	<0.000279
	8/19/2021	**0.000489 J**	<0.000500	<0.000515	<0.000192	**0.000510 J**	**0.000510 J**	<0.00270	**0.000377 J**	**0.000244 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.000354 J**	<0.000279
	8/25/2021	**0.000478 J**	<0.000500	<0.000515	<0.000192	**0.000462 J**	**0.000462 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000219 J**	<0.00200	<0.000179	<0.000283	<0.000623	**0.000267 J**	<0.000279
	9/2/2021	**0.000871 J**	<0.000500	<0.000515	<0.000192	**0.000505 J**	**0.000505 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.000199 J**	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	9/8/2021	**0.000345 J**	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.000651 J**	<0.000279
	9/14/2021	**0.000388 J**	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.000862 J**	<0.000279
	9/21/2021	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	9/29/2021	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	10/7/2021	**0.000252 J**	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.000438 J**	<0.000279
	10/13/2021	**0.000214 J**	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	10/21/2021	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	11/5/2021	**0.000247 J**	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	11/11/2021	**0.000458 J**	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	11/18/2021	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	11/24/2021	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	12/1/2021	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000141	<0.000279
	12/8/2021	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 1
GROUNDWATER SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	VOCs (mg/L)																										
		Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylenes	Total Xylenes	Methyl ethyl ketone (2-Butanone)	n-Butylbenzene	Sec-Butylbenzene	tert-Butylbenzene	Tetrachloroeth(y)lene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	p-Cymene (p-Isopropyltoluene)	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,2-Dichloroeth(y)lene	1,4-Dichlorobenzene	1,1-Dichloropropene	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,1,2-Trichloroethane	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		0.005	1	0.7	NE	NE	0.62	NE	NE	NE	NE	0.005	0.1	NE	NE	NE	NE	0.005	0.005	NE	0.075	NE	NE	0.03	NE	0.01	0.1	NE	NE
MW-1	12/16/2021	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	12/22/2021	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	12/29/2021	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	1/6/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	1/12/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000396	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	1/19/2022	<0.000214	<0.000500	<0.000515	<0.000192	**0.000640 J**	**0.000640 J**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000396	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	**0.000414 J**	<0.000279
	1/26/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000259	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	0.000623	<0.000252	<0.000279
	2/2/2022	Unable to Sample due to Incliment Weather. Booster Pump for Levey Well Damaged by Freeze.																											
	2/8/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	**0.000799 J**	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	2/16/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	2/25/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	3/3/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	3/9/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	3/14/2022	Booster Pump for Levey Well Repaired and Back on Running Full Time.																											
	3/16/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	3/24/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	3/31/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	4/6/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	4/13/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	4/20/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	4/28/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	5/5/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	5/10/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	5/19/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	5/26/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	6/1/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	6/9/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000199	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	6/17/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	6/23/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	6/29/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	7/7/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	7/13/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	7/20/2022	<0.000214	<0.000500	<0.000515	<0.000192	<0.000330	<0.000330	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	<0.000233	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	<0.000161	<0.00200	<0.000179	<0.000228	<0.000623	<0.000252	<0.000279
	7/27/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.00175	<0.000456
	8/4/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	8/10/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	8/18/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	8/24/2022	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.0100	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.0100	<0.00200	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	<0.00100	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
	8/31/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	9/15/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	9/22/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	9/28/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	10/4/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	10/14/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	10/19/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	10/27/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	11/2/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	11/9/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	11/16/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	11/30/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	12/9/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	12/15/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	12/21/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	12/29/2022	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	1/4/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	1/13/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 1
GROUNDWATER SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	VOCs (mg/L)																										
		Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylenes	Total Xylenes	Methyl ethyl ketone (2-Butanone)	n-Butylbenzene	Sec-Butylbenzene	tert-Butylbenzene	Tetrachloroeth(yl)ene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	p-Cymene (p-Isopropyltoluene)	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,2-Dichloroeth(yl)ene	1,4-Dichlorobenzene	1,1-Dichloropropene	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,1,2-Trichloroethane	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**0.005**	**1**	**0.7**	**NE**	**NE**	**0.62**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.1**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.005**	**NE**	**0.075**	**NE**	**NE**	**0.03**	**NE**	**0.01**	**0.1**	**NE**	**NE**
MW-1	1/19/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	1/25/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	2/2/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	2/8/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	2/17/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	2/22/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	3/3/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	3/8/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	3/15/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	3/23/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.00613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	3/29/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	4/6/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	4/14/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	4/26/2023	<0000533	<0.000475	<0.000411	<0.000511	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.0000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	5/2/2023	<0000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	5/11/2023	<0.000533	<0.000475	<0.000411	<0.000511	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	5/15/2023	<0.000533	<0.000475	<0.000411	<0.000511	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	5/25/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	5/30/2023	<0.000533	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	6/9/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	6/15/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	6/23/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	6/26/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	7/5/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	7/13/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	7/17/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	7/27/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000465
	7/31/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	8/9/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	8/14/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	8/23/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	8/28/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	9/7/2023	<0.000460	<0.000475	<0.000411	<0.000551	<0.00124	<0.00124	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	<0.000613	<0.00135	<0.000498	<0.000511	<0.000655	<0.000417	<0.000456
	9/13/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	9/22/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	9/25/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	10/2/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	10/9/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	10/17/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	10/23/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	10/31/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	11/6/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	11/16/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	11/20/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	**0.000739 J**	<0.000411
	11/27/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	**0.000739 J**	<0.000411
	12/8/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	**0.000549 J**	<0.000411
	12/11/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	**0.000549 J**	<0.000411
	12/18/2023	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	1/2/2024	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	1/10/2024	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	1/15/2024	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	1/25/2024	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411
	1/29/2024	<0.000460	<0.000475	<0.000385	<0.000502	<0.00124	<0.00124	<0.00828	<0.000510	<0.000468	<0.000442	<0.000655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	<0.000592	<0.00135	<0.000429	<0.000411	<0.000619	<0.000417	<0.000411

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 1
GROUNDWATER SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	VOCs (mg/L)																									
		Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylenes	Total Xylenes	Methyl ethyl ketone (2-Butanone)	n-Butylbenzene	Sec-Butylbenzene	tert-Butylbenzene	Tetrachloroeth(y)lene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	p-Cymene (p-Isopropyltoluene)	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,2-Dichloroeth(y)lene	1,4-Dichlorobenzene	1,1-Dichloropropene	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,1,2-Trichloroethane	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**0.005**	**1**	**0.7**	**NE**	**NE**	**0.62**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.1**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.005**	**NE**	**0.075**	**NE**	**NE**	**0.03**	**NE**	**0.01**	**0.1**	**NE**	**NE**
MW-2	5/26/2020	**0.00901**	**0.0299**	**0.0069**	**0.0186**	**0.0545**	**0.0731**	<0.00270	<0.000286	**0.000270 J**	<0.000195	<0.00500	<0.000259	NA	<0.000214	<0.000183	**0.000660**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00223**	<0.00200	**0.000570 J**	<0.000228	<0.000162	**0.0125**	**0.00704**
	6/30/2020	**0.0124**	**0.0193**	**0.0187**	**0.0196**	**0.0903**	**0.110**	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.00667**	<0.0100	**0.00243**	<0.00100	<0.00100	**0.0231**	**0.00815**
	8/20/2020	**0.0148**	**0.0172**	**0.0182**	**0.0160**	**0.0802**	**0.0962**	<0.0500	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	NA	<0.00100	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.00640**	<0.0100	**0.00170**	<0.00100	<0.00100	**0.0145**	**0.00421**
	10/23/2020	**0.0250**	**0.00730**	**0.0248**	**0.0186**	**0.110**	**0.129**	NA	NA																				
	11/24/2020	**0.0358**	**0.0613**	**0.0503**	**0.0465**	**0.221**	**0.2675**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.00143**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0189**	**0.00242 J**	<0.000179	<0.000228	<0.000162	**0.0590**	**0.0149**
	12/18/2020	**0.0263**	**0.0260**	**0.0369**	**0.0240**	**0.165**	**0.189**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.00113**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0148**	<0.00200	**0.00486**	<0.000228	<0.000162	**0.0467**	**0.0121**
	12/23/2020	**0.0299**	**0.0358**	**0.0381**	**0.0266**	**0.156**	**0.183**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.00101**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0135**	<0.00200	**0.00408**	<0.000228	<0.000162	**0.0406**	**0.0102**
	12/30/2020	**0.0200**	**0.0242**	**0.0185**	**0.0146**	**0.0592**	**0.0738**	<0.00270	**0.000550 J**	**0.000680 J**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.000540 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00603**	<0.00200	**0.00170**	<0.000228	<0.000162	**0.0116**	**0.00533**
	1/6/2021	**0.0200**	**0.0169**	**0.0231**	**0.0169**	**0.118**	**0.135**	<0.00270	**0.000390 J**	**0.00117**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.00105**	**0.000500 J**	<0.000396	<0.000174	<0.000199	<0.000481	**0.00815**	<0.00200	**0.00267**	**0.000800 J**	<0.000162	**0.0339**	**0.0103**
	1/12/2021	**0.0193**	**0.0185**	**0.0198**	**0.0144**	**0.0922**	**0.107**	<0.00270	**0.000690 J**	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.000710 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00756**	<0.00200	**0.00242**	<0.000228	<0.000162	**0.0259**	**0.00698**
	1/20/2021	**0.0229**	**0.0169**	**0.0190**	**0.0136**	**0.0829**	**0.0965**	**0.00394 J**	**0.000400 J**	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.000470 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00640**	<0.00200	**0.00177**	<0.000228	<0.000162	**0.0202**	**0.00517**
	1/27/2021	**0.0298**	**0.0276**	**0.0282**	**0.0269**	**0.155**	**0.182**	**0.00504 J**	**0.00103**	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.00116**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0117**	<0.00200	**0.00343**	<0.000228	<0.000162	**0.0500**	**0.0129**
	2/3/2021	**0.0286**	**0.0392**	**0.0258**	**0.0236**	**0.111**	**0.135**	<0.00270	<0.000286	**0.000850 J**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.000590 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00817**	<0.00200	**0.00240**	<0.000228	<0.000162	**0.0267**	**0.00674**
	2/10/2021	**0.0307**	**0.0201**	**0.0329**	**0.0210**	**0.159**	**0.180**	<0.00575	**0.000870 J**	<0.000199	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.000940 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0120**	<0.00200	**0.00331**	<0.000228	<0.000162	**0.0407**	**0.00994**
	2/24/2021	**0.0218**	**0.0122**	**0.0164**	**0.0111**	**0.0749**	**0.086**	<0.00575	**0.000370 J**	**0.000640 J**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.000480 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0060**	<0.00200	**0.00175**	<0.000228	<0.000162	**0.0191**	**0.00496**
	3/4/2021	**0.0264**	**0.0232**	**0.0320**	**0.0212**	**0.142**	**0.163**	<0.00575	**0.000430 J**	**0.00131**	<0.000195	<0.000500	<0.000259	NA	<0.000214	<0.000183	**0.000930 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0115**	<0.00200	**0.00390**	<0.000228	<0.000162	**0.0403**	**0.0100**
	3/10/2021	**0.0269**	**0.0234**	**0.0271**	**0.0206**	**0.117**	**0.138**	<0.00575	<0.000286	**0.000970 J**	<0.000195	<0.00100	<0.000259	NA	<0.000214	<0.000183	**0.000720 J**	<0.000285	<0.00500	<0.000174	<0.00100	<0.000481	**0.00931**	<0.00200	**0.00281**	<0.000228	<0.000162	**0.0287**	**0.00720**
	3/17/2021	**0.0238**	**0.0237**	**0.0257**	**0.0190**	**0.113**	**0.132**	<0.0500	<0.00100	**0.00113**	<0.00100	<0.00100	<0.000259	NA	<0.00100	<0.00100	<0.00100	<0.00500	<0.00500	<0.00500	<0.00100	<0.00500	**0.00923**	<0.0100	**0.00305**	<0.00100	<0.00100	**0.0315**	**0.00821**
	3/25/2021	**0.0209**	**0.0281**	**0.0202**	**0.0165**	**0.0892**	**0.106**	<0.0500	<0.00100	**0.000799 J**	**0.00134**	<0.00100	<0.00100	<0.0100	<0.00100	<0.00100	**0.000610 J**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.00725**	<0.0100	**0.00229**	<0.00100	<0.00100	**0.0224**	<0.00100
	3/31/2021	**0.0298**	**0.0107**	**0.0177**	**0.0203**	**0.124**	**0.144**	<0.00270	<0.000286	**0.00137**	<0.000195	<0.000500	<0.00100	<0.0100	**0.00151**	<0.000183	**0.00109**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0133**	<0.00200	**0.00295**	<0.000228	**0.000631 J**	**0.0426**	**0.0107**
	4/8/2021	**0.0226**	**0.0217**	**0.0210**	**0.0175**	**0.0990**	**0.117**	<0.00270	**0.000640 J**	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000579 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00799**	<0.00200	**0.00235**	<0.000228	<0.000162	**0.0237**	<0.000279
	4/15/2021	**0.0260**	**0.0132**	**0.0236**	**0.0176**	**0.129**	**0.147**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000925 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0102**	<0.00200	**0.00320**	<0.000228	<0.000162	**0.0381**	**0.00968**
	4/21/2021	**0.0220**	**0.00991**	**0.0180**	**0.0162**	**0.118**	**0.134**	<0.00270	**0.000776 J**	**0.00121**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000901 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0106**	<0.00200	**0.00267**	<0.000228	<0.000623	**0.0364**	<0.000279
	4/28/2021	**0.0320**	**0.0265**	**0.0408**	**0.0297**	**0.187**	**0.217**	<0.00270	**0.00121**	**0.00159**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00127**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0159**	<0.00200	**0.00438**	<0.000228	<0.000623	**0.0496**	**0.0126**
	5/5/2021	**0.0234**	**0.0123**	**0.0180**	**0.0147**	**0.115**	**0.130**	<0.00270	**0.000841 J**	**0.00124**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000766 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00959**	<0.00200	**0.00274**	<0.000228	<0.000623	**0.0331**	<0.000279
	5/13/2021	**0.0273**	**0.00926**	**0.0180**	**0.0165**	**0.115**	**0.132**	<0.00270	<0.000286	**0.00123**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000996 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0112**	<0.00200	**0.00303**	<0.000228	<0.000623	**0.0396**	**0.00983**
	5/19/2021	**0.0246**	**0.0111**	**0.0276**	**0.0160**	**0.127**	**0.143**	<0.00270	**0.000834 J**	**0.00115**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000937 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0106**	<0.00200	**0.00354**	<0.000228	<0.000623	**0.0374**	**0.00933**
	5/27/2021	**0.0346**	**0.0127**	**0.0287**	**0.0166**	**0.139**	**0.156**	<0.00270	<0.000286	**0.00145**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00116**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0111**	<0.00200	**0.00399**	<0.000228	<0.000623	**0.0453**	**0.0114**
	6/2/2021	**0.0257**	**0.00773**	**0.0277**	**0.0139**	**0.149**	**0.163**	<0.00270	**0.000614 J**	**0.00150**	<0.000195	<0.000500	**0.00495**	**0.00444 J**	<0.000214	<0.000183	**0.00122**	<0.000285	<0.000396	<0.000174	<0.000199	**0.00559**	**0.0128**	<0.00200	**0.00408**	<0.000228	<0.000623	**0.0455**	**0.0117**
	6/10/2021	**0.0288**	**0.00860**	**0.0318**	**0.0153**	**0.165**	**0.180**	<0.00270	<0.000286	**0.00160**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00129**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0137**	<0.00200	**0.00445**	<0.000228	<0.000623	**0.0522**	**0.0129**
	6/16/2021	**0.0291**	**0.00754**	**0.0243**	**0.0135**	**0.148**	**0.162**	<0.00270	<0.000286	**0.00137**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00113**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0130**	<0.00200	**0.00342**	<0.000228	<0.000623	**0.0442**	**0.0109**
	6/22/2021	**0.0371**	**0.0110**	**0.0312**	**0.0196**	**0.181**	**0.201**	<0.00270	<0.000286	**0.00136**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00108**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0147**	<0.00200	**0.00362**	<0.000228	<0.000623	**0.0510**	**0.0126**
	6/30/2021	**0.0269**	**0.0055**	**0.0216**	**0.0131**	**0.151**	**0.164**	<0.00270	<0.000286	**0.00159**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00134**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0139**	<0.00200	**0.00359**	<0.000228	<0.000623	**0.0518**	**0.0130**
	7/1/2021	Levey Well Now Running Full Time																											
	7/7/2021	**0.0415**	**0.00962**	**0.0343**	**0.0215**	**0.235**	**0.257**	<0.00270	<0.000286	**0.00225**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00186**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0192**	<0.00200	**0.00525**	<0.000228	<0.000623	**0.0790**	**0.0193**
	7/14/2021	**0.0382**	**0.0335**	**0.0352**	**0.0299**	**0.149**	**0.177**	<0.00270	<0.000286	**0.00136**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00103**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0120**	<0.00200	**0.00352**	<0.000228	<0.000623	**0.0437**	**0.0110**
	7/20/2021	**0.0269**	**0.0104**	**0.0179**	**0.0166**	**0.116**	**0.133**	<0.00270	<0.000286	**0.00101**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00130**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00625**	<0.00200	**0.00182**	<0.000228	<0.000623	**0.0324**	**0.0117**
	7/27/2021	**0.0306**	**0.00861**	**0.0230**	**0.0154**	**0.117**	**0.129**	<0.00270	<0.000286	**0.00101**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00111**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00944**	<0.00200	**0.00258**	<0.000228	<0.000623	**0.0408**	**0.0118**
	8/5/2021	**0.0262**	**0.00661**	**0.0194**	**0.0108**	**0.113**	**0.124**	<0.00270	<0.000286	**0.000857 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000760 J**	<0.000285	<0.000396	<0.000714	<0.000199	<0.000481	**0.00898**	<0.00200	**0.00229**	<0.000228	<0.000623	**0.0274**	**0.00745**
	8/11/2021	**0.0280**	**0.00571**	**0.0272**	**0.0116**	**0.278**	**0.297**	<0.00270	<0.000286	**0.00145**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00118**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0126**	<0.00200	**0.00370**	<0.000228	<0.000623	**0.0465**	**0.0123**
	8/19/2021	**0.0303**	**0.00626**	**0.0341**	**0.0141**	**0.324**	**0.347**	<0.00270	<0.000266	**0.00232**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00178**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0188**	<0.00200	**0.00576**	<0.000228	<0.000623	**0.0629**	**0.0168**
	8/25/2021	**0.0256**	**0.00530**	**0.0148**	**0.00844**	**0.0847**	**0.0931**	<0.00270	<0.000286	**0.000740 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000660 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00608**	<0.00200	**0.00169**	<0.000228	<0.000623	**0.0225**	**0.00510**
	9/2/2021	**0.0289**	**0.00557**	**0.0287**	**0.0135**	**0.295**	**0.317**	<0.00270	**0.00107**	**0.00155**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00130**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0151**	<0.00200	**0.00391**	<0.000228	<0.000623	**0.0499**	**0.0131**
	9/8/2021	**0.0308**	**0.00410**	**0.0245**	**0.0106**	**0.204**	**0.217**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00130**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0137**	<0.00200	**0.00370**	<0.000228	<0.000623	**0.0558**	<0.000279
	9/14/2021	**0.0310**	**0.00503**	**0.0350**	**0.0138**	**0.339**	**0.362**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00138**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0169**	<0.00200	**0.00509**	<0.000228	<0.000623	**0.0580**	**0.0150**
	9/21/2021	**0.0294**	**0.00288**	**0.0136**	**0.0141**	**0.135**	**0.149**	<0.00270	<0.000286	**0.00179**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00150**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0144**	<0.00200	**0.00296**	<0.000228	<0.000623	**0.0549**	**0.0132**
	9/29/2021	**0.0179**	**0.00311**	**0.0221**	**0.00740**	**0.115**	**0.122**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000781 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0103**	<0.00200	**0.00278**	<0.000228	<0.000623	**0.0265**	**0.00707**
	10/7/2021	**0.0221**	**0.00389**	**0.0214**	**0.00873**	**0.125**	**0.134**	<0.00270	<0.000286	**0.00101**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000840 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00824**	<0.00200	**0.00245**	<0.000228	<0.000623	**0.0310**	**0.00853**
	10/13/2021	**0.0239**	**0.0106**	**0.0223**	**0.0150**	**0.123**	**0.138**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000684 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00784**	<0.00200	**0.00193**	<0.000228	<0.000623	**0.0306**	**0.00840**
	10/21/2021	**0.0189**	**0.00361**	**0.0145**	**0.00749**	**0.107**	**0.114**	<0.00270	<0.000286	**0.00115**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000918 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0101**	<0.00200	**0.00253**	<0.000228	<0.000623	**0.0316**	**0.00875**
	11/5/2021	**0.0200**	**0.00476**	**0.0173**	**0.00743**	**0.0901**	**0.0975**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000616 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00733**	<0.00200	**0.00210**	<0.000228	<0.000623	**0.0223**	**0.00602**
	11/11/2021	**0.0221**	**0.00254**	**0.0192**	**0.00754**	**0.125**	**0.133**	<0.00270	**0.000898 J**	**0.00133**	**0.00234**	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000949 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00971**	<0.00200	**0.00268**	<0.000228	<0.000623	**0.0376**	**0.00937**
	11/18/2021	**0.0331**	**0.00352**	**0.0311**	**0.0184**	**0.336**	**0.359**	<0.00270	**0.00130**	**0.00389**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00305**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0289**	<0.00200	**0.00724**	<0.000228	<0.000623	**0.116**	**0.0299**
	11/24/2021	**0.0207**	**0.00681**	**0.0266**	**0.0130**	**0.123**	**0.136**	<0.0500	<0.00100	**0.00110**	<0.00100	<0.00100	<0.00100	<0.0100	<0.00100	<0.00100	**0.000749 J**	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.0107**	<0.0100	**0.00312**	<0.00100	<0.00100	**0.0296**	**0.00811**
	12/1/2021	**0.0189**	**0.00198**	**0.0143**	**0.00529**	**0.0813**	**0.0866**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000506 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00604**	<0.00200	**0.00163**	<0.000228	<0.000623	**0.0194**	**0.00496**
	12/8/2021	**0.0377**	**0.0208**	**0.0448**	**0.0298**	**0.271**	**0.309**	<0.00270	**0.00130**	**0.00175**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00128**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0166**	<0.00200	**0.00500**	<0.000228	<0.000623	**0.0542**	**0.0143**
	12/16/2021	**0.0270**	**0.00490**	**0.0225**	**0.0129**	**0.227**	**0.249**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000875 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00712**	<0.00200	<0.000179	<0.000228	<0.000623	**0.0396**	**0.00959**

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 1
GROUNDWATER SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	VOCs (mg/L)																										
		Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylenes	Total Xylenes	Methyl ethyl ketone (2-Butanone)	n-Butylbenzene	Sec-Butylbenzene	tert-Butylbenzene	Tetrachloroeth(y)lene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	p-Cymene (p-Isopropyltoluene)	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,2-Dichloroeth(y)lene	1,4-Dichlorobenzene	1,1-Dichloropropene	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,1,2-Trichloroethane	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**0.005**	**1**	**0.7**	**NE**	**NE**	**0.62**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.1**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.005**	**NE**	**0.075**	**NE**	**NE**	**0.03**	**NE**	**0.01**	**0.1**	**NE**	**NE**
MW-2	12/22/2021	**0.0351**	**0.0155**	**0.0376**	**0.0216**	**0.282**	**0.315**	<0.00270	<0.000286	**0.00168**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00135**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0129**	<0.00200	**0.00448**	<0.000228	<0.000623	**0.0528**	**0.0139**
	12/29/2021	**0.0257**	**0.0232**	**0.0131**	**0.0147**	**0.0738**	**0.0885**	<0.00270	<0.000286	**0.000412 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000356 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00356**	<0.00200	**0.000712 J**	<0.000228	<0.000623	**0.0148**	**0.00395**
	1/6/2022	**0.0360**	**0.00656**	**0.0309**	**0.0229**	**0.253**	**0.274**	<0.00270	**0.00192**	**0.00273**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00265**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0208**	<0.00200	**0.00488**	<0.000228	<0.000623	**0.108**	**0.0273**
	1/12/2022	**0.0205**	**0.00174**	**0.00106**	**0.0200**	**0.0949**	**0.115**	<0.00270	<0.000286	**0.00132**	<0.000195	<0.000500	<0.000259	<0.000318	<0.00214	<0.000183	**0.00184**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00521**	<0.00200	**0.000546 J**	<0.000228	<0.000623	**0.0619**	**0.00491**
	1/19/2022	**0.0262**	**0.00733**	**0.0305**	**0.0147**	**0.229**	**0.249**	<0.00270	**0.00104**	**0.00147**	<0.000195	<0.000500	<0.000259	<0.000318	<0.00214	<0.000183	**0.00116**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0142**	<0.00200	**0.00403**	<0.000228	<0.000623	**0.0435**	**0.0115**
	1/26/2022	**0.0331**	**0.00488**	**0.0137**	**0.00718**	**0.0755**	**0.0827**	<0.00270	<0.00286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000314 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00555**	<0.00200	**0.00112**	<0.000228	<0.000623	**0.0145**	**0.00380**
	2/2/2022	Unable to Sample due to Incliment Weather. Booster Pump for Levey Well Damaged by Freeze.																										
	2/8/2022	**0.0184**	**0.00572**	**0.0133**	**0.00676**	**0.0653**	**0.0721**	<0.00270	<0.00286	**0.000510 J**	<0.000195	<0.000500	<0.000259	**0.00165 J**	<0.000214	<0.000183	**0.000391 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00544**	<0.00200	**0.00149**	<0.000228	<0.000623	**0.0150**	**0.00409**
	2/16/2022	**0.0357**	**0.0270**	**0.0391**	**0.0307**	**0.205**	**0.244**	<0.00270	<0.00286	**0.00119**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000884 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0127**	<0.00200	**0.00392**	<0.000228	<0.000623	**0.0393**	**0.0103**
	2/25/2022	**0.0341**	**0.00559**	**0.0206**	**0.0111**	**0.134**	**0.145**	<0.00270	<0.0000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000996 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0114**	<0.00200	**0.00295**	<0.000228	<0.000623	**0.0386**	**0.00997**
	3/3/2022	**0.0370**	**0.00673**	**0.0378**	**0.0160**	**0.225**	**0.244**	<0.00270	<0.0000286	**0.00153**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00117**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0152**	<0.00200	**0.00456**	<0.000228	<0.000623	**0.0496**	**0.0126**
	3/9/2022	**0.0182**	**0.00790**	**0.0186**	**0.0131**	**0.0857**	**0.0988**	<0.00270	<0.0000286	**0.000910 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000683 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00640**	<0.00200	**0.00211**	<0.000228	<0.000623	**0.0240**	**0.00659**
	3/14/2022	Booster Pump for Levey Well Repaired and Back on Running Full Time.																										
	3/16/2022	**0.0200**	**0.00793**	**0.0209**	**0.0133**	**0.0947**	**0.108**	<0.00270	<0.0000286	**0.000759 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000524 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00753**	<0.00200	**0.00212**	<0.000228	<0.000623	**0.0216**	**0.00583**
	3/24/2022	**0.0400**	**0.0151**	**0.0490**	**0.0321**	**0.252**	**0.284**	<0.00270	**0.00104**	**0.00192**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00135**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0208**	<0.00200	**0.00487**	<0.000228	<0.000623	**0.0679**	**0.0170**
	3/31/2022	**0.0305**	**0.0309**	**0.0274**	**0.0311**	**0.267**	**0.311**	<0.00270	**0.00102**	**0.00142**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00138**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00896**	<0.00200	**0.00203**	<0.000228	<0.000623	**0.0551**	**0.0138**
	4/6/2022	**0.0303**	**0.0170**	**0.0140**	**0.0228**	**0.191**	**0.218**	<0.00270	**0.000939 J**	**0.00104**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00128**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00534**	<0.00200	**0.00110**	<0.000228	<0.000623	**0.0517**	**0.0136**
	4/13/2022	**0.0303**	**0.0271**	**0.0235**	**0.0218**	**0.135**	**0.157**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000812 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00770**	<0.00200	**0.00212**	<0.000228	<0.000623	**0.0368**	**0.00937**
	4/20/2022	**0.0246**	**0.0126**	**0.0157**	**0.0171**	**0.0994**	**0.117**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000513 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00439**	<0.00200	**0.000555 J**	<0.000228	<0.000623	**0.0224**	**0.00580**
	4/28/2022	**0.0384**	**0.0164**	**0.0617**	**0.0403**	**0.292**	**0.333**	<0.00270	**0.00162**	**0.00214**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00176**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0222**	<0.00200	**0.00675**	<0.000228	<0.000623	**0.0872**	**0.0220**
	5/5/2022	**0.0181**	**0.00219**	**0.0172**	**0.00988**	**0.110**	**0.120**	<0.00270	**0.000629 J**	**0.000796 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000733 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00608**	<0.00200	**0.00123**	<0.000228	<0.000623	**0.0276**	**0.00751**
	5/10/2022	**0.0197**	**0.00422**	**0.0184**	**0.0142**	**0.129**	**0.143**	<0.00270	<0.000286	**0.000957 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000953 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00681**	<0.00200	**0.00180**	<0.000228	<0.000623	**0.0367**	**0.00949**
	5/19/2022	**0.0329**	**0.00659**	**0.0505**	**0.0254**	**0.367**	**0.407**	<0.00270	**0.00159**	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00163**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0196**	<0.00200	**0.00593**	<0.000228	<0.000623	**0.0645**	**0.0173**
	5/26/2022	**0.0238**	**0.00151**	**0.0208**	**0.00782**	**0.105**	**0.113**	<0.00270	**0.000780 J**	**0.00102**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000846 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00912**	<0.00200	**0.00268**	<0.000228	<0.000623	**0.0317**	**0.00846**
	6/1/2022	**0.0387**	**0.00639**	**0.0414**	**0.0212**	**0.230**	**0.253**	<0.00270	<0.000286	**0.00172**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00147**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0156**	<0.00200	**0.00395**	<0.000228	<0.000623	**0.0573**	**0.0153**
	6/9/2022	**0.0194**	**0.00241**	**0.0228**	**0.0102**	**0.118**	**0.128**	<0.00270	<0.000286	**0.00124**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00104**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0108**	<0.00200	**0.00304**	<0.000228	<0.000623	**0.0356**	**0.00926**
	6/17/2022	**0.0214**	**0.00267**	**0.0262**	**0.00984**	**0.126**	**0.136**	<0.00270	**0.00115**	**0.00161**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00139**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0132**	<0.00200	**0.00436**	<0.000228	<0.000623	**0.0490**	**0.0130**
	6/23/2022	**0.0235**	**0.00355**	**0.0311**	**0.0139**	**0.139**	**0.153**	<0.00270	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.00120**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.0144**	<0.00200	**0.00410**	<0.000228	<0.000623	**0.0464**	**0.0121**
	6/29/2022	**0.0119**	<0.000500	**0.0113**	**0.00209**	**0.0579**	**0.0600**	<0.00270	<0.000286	**0.000827 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000608 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00741**	<0.00200	**0.00193**	<0.000228	<0.000623	**0.0213**	**0.00586**
	7/7/2022	**0.0222**	**0.00257**	**0.0243**	**0.00950**	**0.116**	**0.126**	**0.00808 J**	<0.000286	<0.000199	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000856 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00988**	<0.00200	**0.00316**	<0.000228	<0.000623	**0.0323**	**0.00830**
	7/13/2022	**0.0195**	**0.00107**	**0.0116**	**0.00359**	**0.0559**	**0.0595**	**0.00500 J**	**0.000355 J**	**0.000525 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000398 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00497**	<0.00200	**0.00135**	<0.000228	<0.000623	**0.0153**	**0.00391**
	7/20/2022	**0.0210**	**0.00346**	**0.0220**	**0.0117**	**0.101**	**0.113**	<0.00270	<0.000286	**0.000916 J**	<0.000195	<0.000500	<0.000259	<0.000318	<0.000214	<0.000183	**0.000601 J**	<0.000285	<0.000396	<0.000174	<0.000199	<0.000481	**0.00757**	<0.00200	**0.00242**	<0.000228	<0.000623	**0.0293**	**0.00720**
	7/27/2022	**0.0177**	**0.00165**	**0.0178**	**0.00838**	**0.119**	**0.127**	<0.00828	<0.000644	**0.000911 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.000986 J**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00677**	<0.00135	**0.00189**	<0.000511	<0.000655	**0.0369**	**0.00999**
	8/4/2022	**0.0245**	**0.00255**	**0.0242**	**0.00972**	**0.108**	**0.118**	<0.00828	<0.000644	**0.00102**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00956**	<0.00135	**0.00311**	<0.000511	<0.000655	**0.0307**	**0.00826**
	8/10/2022	**0.0248**	**0.00167**	**0.0199**	**0.00758**	**0.0900**	**0.0976**	<0.00828	<0.000644	**0.000967 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00986**	<0.00135	**0.00271**	<0.000511	<0.000655	**0.0309**	**0.00779**
	8/18/2022	**0.0247**	**0.00229**	**0.0277**	**0.0110**	**0.121**	**0.132**	<0.00828	<0.000644	**0.00118**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.00101**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.0115**	<0.00135	**0.00360**	<0.000511	<0.000655	**0.0390**	**0.0100**
	8/24/2022	**0.0162**	**0.00167**	**0.0235**	**0.0103**	**0.126**	**0.136**	<0.0500	<0.00100	**0.00106**	<0.00100	<0.00100	<0.00100	<0.0100	<0.00200	<0.00100	<0.00100	<0.00100	<0.00500	<0.00100	<0.00100	<0.00500	**0.0103**	<0.0100	**0.00274**	<0.00100	<0.00100	**0.0347**	**0.00917**
	8/31/2022	**0.0326**	**0.00259**	**0.0498**	**0.0181**	**0.247**	**0.266**	<0.00828	<0.000644	**0.00259**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.00211**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.0251**	<0.00135	**0.00714**	<0.000511	<0.000655	**0.0832**	**0.0203**
	9/15/2022	**0.0145**	**0.000532 J**	**0.0194**	**0.00648**	**0.0978**	**0.104**	<0.00828	<0.000644	**0.00116**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.0100**	<0.00135	**0.00282**	<0.000511	<0.000655	**0.0270**	**0.00712**
	9/22/2022	**0.0208**	**0.00243**	**0.0289**	**0.0139**	**0.139**	**0.153**	<0.00828	<0.000644	**0.00137**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.000992 J**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.0127**	<0.00135	**0.00361**	<0.000511	<0.000655	**0.0393**	**0.00971**
	9/28/2022	**0.0155**	**0.00113**	**0.0133**	**0.00514**	**0.0584**	**0.0635**	<0.00828	<0.000644	**0.000720 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00651**	<0.00135	**0.00178**	<0.000511	<0.000655	**0.0201**	**0.00465**
	10/4/2022	**0.0181**	**0.00323**	**0.0272**	**0.0131**	**0.127**	**0.140**	<0.00828	<0.000644	**0.00142**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.000948 J**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.0127**	<0.00135	**0.00381**	<0.000511	<0.000655	**0.0351**	**0.00863**
	10/14/2022	**0.0185**	**0.00378**	**0.0230**	**0.0128**	**0.105**	**0.118**	<0.00828	<0.000644	**0.000951 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00944**	<0.00135	**0.00276**	<0.000511	<0.000655	**0.0265**	**0.00672**
	10/19/2022	**0.0141**	**0.00301**	**0.0156**	**0.00858**	**0.0773**	**0.0859**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00722**	<0.00135	**0.00209**	<0.000511	<0.000655	**0.0222**	**0.00535**
	10/27/2022	**0.0163**	**0.00752**	**0.0186**	**0.0133**	**0.0934**	**0.107**	<0.00828	<0.000644	**0.00140**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.00129**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00687**	<0.00135	**0.00218**	<0.000511	<0.000655	**0.0192**	**0.00612**
	11/2/2022	**0.0150**	**0.00408**	**0.0147**	**0.00992**	**0.0750**	**0.0849**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00716**	<0.00135	**0.00189**	<0.000511	<0.000655	**0.0191**	**0.00516**
	11/9/2022	**0.0126**	**0.00375**	**0.00933**	**0.00634**	**0.0463**	**0.0526**	<0.00828	<0.000644	**0.000498 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00395**	<0.00135	**0.00122**	<0.000511	<0.000655	**0.0102**	**0.00296**
	11/16/2022	**0.0163**	**0.00422**	**0.0144**	**0.00890**	**0.0668**	**0.0757**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00688**	<0.00135	**0.00182**	<0.000511	<0.000655	**0.0210**	**0.00478**
	11/30/2022	**0.0125**	**0.00266**	**0.00651**	**0.00407**	**0.0290**	**0.0331**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00325**	<0.00135	**0.00100**	<0.000511	<0.000655	**0.00888**	**0.00209**
	12/9/2022	**0.0133**	**0.00193**	**0.0135**	**0.00773**	**0.0721**	**0.0798**	<0.00828	<0.000644	**0.000945 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00830**	<0.00135	**0.00232**	<0.000511	<0.000655	**0.0238**	**0.00582**
	12/15/2022	**0.0148**	**0.00512**	**0.0172**	**0.01210**	**0.0864**	**0.0985**	<0.00828	<0.000644	**0.00102**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00860**	<0.00135	**0.00233**	<0.000511	<0.000655	**0.0247**	**0.00598**
	12/21/2022	**0.0139**	**0.00276**	**0.0150**	**0.00894**	**0.0679**	**0.0768**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00801**	<0.00135	**0.00229**	<0.000511	<0.000655	**0.0184**	**0.00481**
	12/29/2022	**0.0189**	**0.00554**	**0.0148**	**0.01090**	**0.0583**	**0.0692**	<0.00828	<0.000644	**0.000482 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00533**	<0.00135	**0.00143**	<0.000511	<0.000655	**0.0130**	**0.00340**
	1/4/2023	**0.0171**	**0.00237**	**0.0141**	**0.00970**	**0.0788**	**0.0885**	<0.00828	<0.000644	**0.000971 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00890**	<0.00135	**0.00234**	<0.000511	<0.000655	**0.0257**	**0.00599**
	1/13/2023	**0.0108**	**0.00141**	**0.00784**	**0.00466**	**0.0387**	**0.0434**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00527**	<0.00135	**0.00122**	<0.000511	<0.000655	**0.0123**	**0.00280**
	1/19/2023	**0.0140**	**0.00274**	**0.00951**	**0.00742**	**0.0484**	**0.0558**	<0.00828	<0.000644	**0.000586 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00538**	<0.00135	**0.00141**	<0.000511	<0.000655	**0.0129**	**0.00326**
	1/25/2023	**0.0115**	**0.00124**	**0.00655**	**0.00433**	**0.0294**	**0.0337**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00327**	<0.00135	**0.000899 J**	<0.000511	<0.000655	**0.00796**	**0.00205**
	2/2/2023	**0.0138**	**0.00114**	**0.00696**	**0.00447**	**0.0352**	**0.0397**	<0.00828	<0.000644	**0.000511 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00437**	<0.00135	**0.00111**	<0.000511	<0.000655	**0.0103**	**0.00276**
	2/8/2023	**0.0165**	**0.00284**	**0.0187**	**0.01190**	**0.0787**	**0.0906**	<0.00828	<0.000644	**0.000970 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00892**	<0.00135	**0.00274**	<0.000511	<0.000655	**0.0232**	**0.00621**
	2/17/2023	**0.0139**	**0.00624**	**0.00991**	**0.00823**	**0.0486**	**0.0568**	<0.00828	<0.000644	**0.000616 J**	<0.000442	<0.000801	<00000643	<0.00204	<0.0118	<0.000472	<0.000919	<0.000590	<0.000667	<00000714	<00000513	<0.00160	**0.00587**	<0.00135	**0.00146**	<0.000511	<0.000655	**0.0151**	**0.00385**
	2/22/2023	**0.0153**	**0.0274**	**0.0152**	**0.0146**	**0.0637**	**0.0783**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<00000643	<0.00204	<0.0118	<0.000472	<0.000919	<0.000590	<0.000667	<00000714	<00000513	<0.00160	**0.00543**	<0.00135	**0.00151**	<0.000511	<0.000655	**0.0132**	**0.00357**
	3/3/2023	**0.0154**	**0.01280**	**0.0166**	**0.0140**	**0.0714**	**0.0854**	<0.00828	<0.000644	**0.000719 J**	<0.000442	<0.000801	<00000643	<0.00204	<0.0118	<0.000472	<0.000919	<0.000590	<0.000667	<00000714	<00000513	<0.00160	**0.00716**	<0.00135	**0.00209**	<0.000511	<0.000655	**0.0179**	**0.00495**

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 1
GROUNDWATER SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	VOCs (mg/L)																										
		Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylenes	Total Xylenes	Methyl ethyl ketone (2-Butanone)	n-Butylbenzene	Sec-Butylbenzene	tert-Butylbenzene	Tetrachloroeth(yl)ene	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	p-Cymene (p-Isopropyltoluene)	1,2-Dichloroethane	1,2-Dichloropropane	cis-1,2-Dichloroeth(yl)ene	1,4-Dichlorobenzene	1,1-Dichloropropene	Isopropylbenzene	Naphthalene	n-Propylbenzene	1,1,2-Trichloroethane	Styrene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**0.005**	**1**	**0.7**	**NE**	**NE**	**0.62**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.1**	**NE**	**NE**	**NE**	**NE**	**0.005**	**0.005**	**NE**	**0.075**	**NE**	**NE**	**0.03**	**NE**	**0.01**	**0.1**	**NE**	**NE**
MW-2	3/8/2023	**0.0145**	**0.00263**	**0.00977**	**0.00699**	**0.0473**	**0.0543**	<0.00828	<0.000644	**0.000633 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00648**	<0.00135	**0.00153**	<0.000511	<0.000655	**0.0157**	**0.00403**
	3/15/2023	**0.0129**	**0.00265**	**0.0105**	**0.00727**	**0.0393**	**0.0466**	<0.00828	<0.000644	**0.000568 J**	<0.000442	<0.000801	<0.00643	<0.00204	<0.00118	<0.000472	<0.00919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00529**	<0.00135	**0.00134**	<0.000511	<0.000655	**0.0129**	**0.00348**
	3/23/2023	**0.0159**	**0.00204**	**0.0154**	**0.00843**	**0.0597**	**0.0681**	<0.00828	**0.000671 J**	**0.00120**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000509	<0.000667	<0.000714	<0.000513	<0.00160	**0.00972**	<0.00135	**0.00277**	<0.000511	<0.000655	**0.0267**	**0.00702**
	3/29/2023	**0.0132**	**0.00207**	**0.00611**	**0.00430**	**0.0168**	**0.0211**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000509	<0.000667	<0.000714	<0.000513	<0.00160	**0.00255**	<0.00135	**0.00061 J**	<0.000511	<0.000655	**0.00470**	**0.00128**
	4/6/2023	**0.0145**	**0.00333**	**0.0115**	**0.00862**	**0.0508**	**0.0594**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000509	<0.000667	<0.000714	<0.000513	<0.00160	**0.00878**	<0.00135	**0.00197 J**	<0.000511	<0.000655	**0.0225**	**0.00540**
	4/14/2023	**0.0156**	**0.0161**	**0.0193**	**0.0158**	**0.0719**	**0.0877**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000509	<0.000667	<0.000714	<0.000513	<0.00160	**0.00792**	<0.00135	**0.00245**	<0.000511	<0.000655	**0.0195**	**0.00548**
	4/26/2023	**0.0145**	**0.00380**	**0.0206**	**0.0140**	**0.0685**	**0.0825**	<0.00828	**0.000650 J**	**0.00145**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.000946 J**	<0.000509	<0.000667	<0.000714	<0.000513	<0.00160	**0.0114**	<0.00135	**0.00356**	<0.000511	<0.000655	**0.0348**	**0.00888**
	5/2/2023	**0.0121**	**0.00144**	**0.0115**	**0.00647**	**0.0350**	**0.0415**	<0.00828	<0.000644	**0.000716 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00615**	<0.00135	**0.00169**	<0.000511	<0.000655	**0.0149**	**0.00410**
	5/11/2023	**0.0133**	**0.00355**	**0.0174**	**0.0123**	**0.0412**	**0.0535**	<0.00828	**0.000666 J**	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00753**	<0.00135	**0.00239**	<0.000511	<0.000655	**0.0187**	**0.00536**
	5/15/2023	**0.00988**	<0.000475	**0.00646**	**0.00425**	**0.0253**	**0.0296**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000509	<0.000667	<0.000714	<0.000513	<0.00160	**0.00524**	<0.00135	**0.00122**	<0.000511	<0.000655	**0.0137**	**0.00304**
	5/25/2023	**0.0164**	**0.00150**	**0.0185**	**0.0106**	**0.0581**	**0.0687**	<0.00828	<0.000644	**0.00148**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.00109**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.0114**	<0.00135	**0.00337**	<0.000511	<0.000655	**0.0334**	**0.00887**
	5/30/2023	**0.0122**	**0.00197**	**0.0199**	**0.00741**	**0.0249**	**0.0323**	<0.00828	<0.000644	**0.000558 J**	**0.000690 J**	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00455**	<0.00135	**0.00138**	<0.000511	<0.000655	**0.0103**	**0.00300**
	6/9/2023	**0.0180**	**0.00256**	**0.0196**	**0.0129**	**0.0666**	**0.0795**	<0.00828	**0.00104**	**0.00151**	<0.000442	<0.000801	<0.000643	**0.00299 J**	<0.00118	<0.000472	**0.00115**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.0114**	<0.00135	**0.00349**	<0.000511	<0.000655	**0.0433**	**0.0105**
	6/15/2023	**0.0123**	**0.00201**	**0.0144**	**0.00962**	**0.0404**	**0.0500**	<0.00828	**0.000779 J**	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00809**	<0.00135	**0.00229**	<0.000511	<0.000655	**0.0248**	**0.00690**
	6/23/2023	**0.0172**	**0.00375**	**0.0266**	**0.0191**	**0.0738**	**0.0929**	<0.00828	**0.00100**	**0.00117**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.0110**	<0.00135	**0.00325**	<0.000511	<0.000655	**0.0320**	**0.00823**
	6/26/2023	**0.0161**	**0.00327**	**0.0163**	**0.0148**	**0.0553**	**0.0701**	<0.00828	<0.000644	**0.00105**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.000958 J**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00672**	<0.00135	**0.00234**	<0.000511	<0.000655	**0.0330**	**0.00840**
	7/5/2023	**0.0146**	**0.00280**	**0.0159**	**0.0122**	**0.0469**	**0.0591**	<0.00828	<0.000644	**0.000973 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00819**	<0.00135	**0.00231**	<0.000511	<0.000655	**0.0255**	**0.00670**
	7/13/2023	**0.0223**	**0.00332**	**0.0210**	**0.0162**	**0.0506**	**0.0668**	<0.00828	**0.000658 J**	**0.000815 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00786**	<0.00135	**0.00211**	<0.000511	<0.000655	**0.0289**	**0.00696**
	7/17/2023	**0.0131**	**0.00244**	**0.0120**	**0.00986**	**0.0413**	**0.0512**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00600**	<0.00135	**0.00149**	<0.000511	<0.000655	**0.0213**	**0.00498**
	7/27/2023	**0.0194**	**0.00357**	**0.0193**	**0.0136**	**0.0487**	**0.0623**	<0.00828	**0.000772 J**	**0.00105**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.01000**	<0.00135	**0.00265**	<0.000511	<0.000655	**0.0274**	**0.00651**
	7/31/2023	**0.0154**	**0.00300**	**0.0147**	**0.0115**	**0.0423**	**0.0538**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00793**	<0.00135	**0.00214**	<0.000511	<0.000655	**0.0252**	**0.00649**
	8/9/2023	**0.0126**	**0.00322**	**0.0181**	**0.0126**	**0.0412**	**0.0538**	<0.00828	<0.000644	**0.000633 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00716**	<0.00135	**0.00200**	<0.000511	<0.000655	**0.0165**	**0.00460**
	8/14/2023	**0.0135**	**0.00306**	**0.00914**	**0.0108**	**0.0396**	**0.0504**	<0.00828	<0.000644	**0.000657 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00427**	<0.00135	**0.00117**	<0.000511	<0.000655	**0.0228**	**0.00604**
	8/23/2023	**0.0163**	**0.00404**	**0.0212**	**0.0152**	**0.0554**	**0.0706**	<0.00828	<0.000644	<0.000468	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	**0.00103**	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.0115**	<0.00135	**0.00339**	<0.000511	<0.000655	**0.0331**	**0.00896**
	8/28/2023	**0.0162**	**0.00292**	**0.0155**	**0.0112**	**0.0317**	**0.0429**	<0.00828	<0.000644	**0.000631 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00612**	<0.00135	**0.00178**	<0.000511	<0.000655	**0.0181**	**0.00462**
	9/7/2023	**0.0135**	**0.00294**	**0.0130**	**0.0106**	**0.0337**	**0.0443**	<0.00828	<0.000644	**0.000834 J**	<0.000442	<0.000801	<0.000643	<0.00204	<0.00118	<0.000472	<0.000919	<0.000590	<0.000667	<0.000714	<0.000513	<0.00160	**0.00713**	<0.00135	**0.00199**	<0.000511	<0.000655	**0.0197**	**0.00563**
	9/13/2023	**0.0211**	**0.00857**	**0.0392**	**0.0316**	**0.0974**	**0.129**	<0.00828	**0.00152**	**0.00192**	**0.00335**	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.00152**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.0176**	<0.00135	**0.00530**	<0.000411	<0.000619	**0.0540**	**0.0142**
	9/22/2023	**0.0178**	**0.00604**	**0.0223**	**0.0200**	**0.0476**	**0.0676**	<0.00828	<0.000510	<0.000468	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.000809 J**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00851**	<0.00139	**0.00256**	<0.000411	<0.000619	**0.0275**	**0.00717**
	9/25/2023	**0.00916**	**0.00157**	**0.00411**	**0.00642**	**0.0281**	**0.0345**	<0.00828	<0.000510	<0.000468	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00300**	<0.00135	<0.000429	<0.000411	<0.000619	**0.0167**	**0.00402**
	10/2/2023	**0.0191**	**0.00436**	**0.0194**	**0.1620**	**0.0422**	**0.0584**	<0.00828	<0.000510	<0.000468	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00802**	<0.00135	**0.00228**	<0.000411	<0.000619	**0.0229**	**0.00582**
	10/9/2023	**0.0289**	**0.00640**	**0.0295**	**0.0271**	**0.0832**	**0.110**	<0.00828	**0.00135**	**0.00182**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.00150**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.0166**	<0.00135	**0.00426**	<0.000411	<0.000619	**0.0571**	**0.0140**
	10/17/2023	**0.0316**	**0.0101**	**0.0359**	**0.0326**	**0.0932**	**0.126**	<0.00828	**0.00121**	<0.000468	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.00130**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.0166**	<0.00135	**0.00459**	<0.000411	<0.000619	**0.0548**	**0.0132**
	10/23/2023	**0.0125**	**0.00479**	**0.0145**	**0.0124**	**0.0311**	**0.0435**	<0.00828	<0.000510	<0.000468	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00529**	<0.00135	**0.00140**	<0.000411	<0.000619	**0.00965**	**0.00252**
	10/31/2023	**0.0123**	**0.00258**	**0.0121**	**0.0090**	**0.0331**	**0.0421**	<0.00828	**0.000529 J**	**0.000849 J**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00708**	<0.00135	**0.00181**	<0.000411	<0.000619	**0.0198**	**0.00493**
	11/6/2023	**0.0125**	**0.00338**	**0.0164**	**0.0127**	**0.0349**	**0.0476**	<0.00828	<0.000510	**0.000836 J**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00702**	<0.00135	**0.00218**	<0.000411	<0.000619	**0.0189**	**0.00523**
	11/16/2023	**0.0147**	**0.00287**	**0.0162**	**0.0137**	**0.0470**	**0.0607**	<0.00828	<0.000510	**0.00124**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.000947 J**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00961**	<0.00135	**0.00272**	<0.000411	<0.000619	**0.0330**	**0.00830**
	11/20/2023	**0.0161**	**0.0198**	**0.0284**	**0.0214**	**0.103**	**0.124**	<0.00828	**0.000995 J**	**0.00145**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.00103**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.0113**	<0.00135	**0.00422**	<0.000411	<0.000619	**0.0327**	**0.00922**
	11/27/2023	**0.0189**	**0.00470**	**0.0240**	**0.0242**	**0.0765**	**0.101**	<0.00828	**0.00100**	**0.00122**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.00100**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00949**	<0.00135	**0.00261**	<0.000411	<0.000619	**0.0448**	**0.0105**
	12/8/2023	**0.0224**	**0.00985**	**0.0239**	**0.0209**	**0.0749**	**0.0958**	<0.00828	**0.000612 J**	**0.000751 J**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00792**	<0.00135	**0.00227**	<0.000411	<0.000619	**0.0243**	**0.00619**
	12/11/2023	**0.0139**	**0.00278**	**0.0155**	**0.0140**	**0.0395**	**0.0535**	<0.00828	<0.000510	<0.000468	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	<0.000676	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00652**	<0.00135	**0.00164**	<0.000411	<0.000619	**0.0194**	**0.00487**
	12/18/2023	**0.0209**	**0.00391**	**0.0225**	**0.0200**	**0.0605**	**0.0805**	<0.00828	<0.000510	**0.00114**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.000927 J**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.0119**	<0.00135	**0.00298**	<0.000411	<0.000619	**0.0363**	**0.00903**
	1/2/2024	**0.0156**	**0.00295**	**0.0224**	**0.0173**	**0.0540**	**0.0713**	<0.00828	**0.00105**	**0.00156**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.00109**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.0118**	<0.00135	**0.00367**	<0.000411	<0.000619	**0.0354**	**0.00922**
	1/10/2024	**0.0177**	**0.0119**	**0.0224**	**0.0187**	**0.0736**	**0.0923**	<0.00828	**0.000655 J**	**0.000949 J**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.000749 J**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00837**	<0.00135	**0.00235**	<0.000411	<0.000619	**0.0231**	**0.00632**
	1/15/2024	**0.0193**	**0.00304**	**0.0135**	**0.0165**	**0.0637**	**0.0802**	<0.00828	**0.000763 J**	**0.00113**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.00101**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.00963**	<0.00135	**0.00174**	<0.000411	<0.000619	**0.0395**	**0.00920**
	1/25/2024	**0.0204**	**0.00451**	**0.0259**	**0.0217**	**0.0527**	**0.0744**	<0.00828	<0.000510	<0.000468	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.000795 J**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.0109**	<0.00135	**0.00301**	<0.000411	<0.000619	**0.0310**	**0.00826**
	1/29/2024	**0.0230**	**0.00526**	**0.0281**	**0.0237**	**0.0744**	**0.0981**	<0.00828	**0.000928 J**	**0.00149**	<0.000442	<0.00655	<0.000464	<0.00204	<0.000459	<0.000386	**0.00117**	<0.000372	<0.000556	<0.000457	<0.000449	<0.000624	**0.0156**	<0.00135	**0.00384**	<0.000411	<0.000619	**0.0454**	**0.0108**

NOTES:
VOCs - volatile organic compounds
mg/L - milligrams per Liter
NA - not analyzed
NE - not established
J - The target analyte was positively identified below the quantitation limit and above the detection limit.
Concentrations highlighted in yellow exceed the NMAC Human Health Standards

ENSOLUM

TABLE 2
GROUNDWATER SAMPLING (General Water Chemistry) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	(mg/L)													%	SU
		Bromide	Chloride	Fluoride	Nitrate as N	Nitrite as N	Sulfate	Calcium	Magnesium	Potassium	Sodium	Total Dissolved Solids	Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Cation-Anion Balance	pH
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		NE	250.0	1.6	10.0	1.0	NE	NE	NE	NE	NE	1,000.0	NE	NE	NE	6-9
Levey Well	12/6/2019	<0.500	253	<0.500	0.594	0.199	61.5	405	65.0	5.27	83.7	1,680	1,260	<4.00	2.70	6.45
	12/13/2019	<0.500	315	<0.500	0.744	0.222	72.9	450	80.1	6.71	110	1,900	1,230	<4.00	2.00	7.02
	12/19/2019	0.414 J	311	0.381 J	0.539	<0.0293	62.9	411	72.2	5.61	101	1,640	1,140	<4.00	0.200	6.57
	12/26/2019	<0.500	257	<0.500	0.617	0.204	61.7	418	68.8	5.82	88.5	1,760	1,280	<4.00	1.30	6.44
	1/2/2020	<0.500	302	<0.500	0.331	<0.100	60.6	375	70.5	5.96	98.8	1,630	1,150	<4.00	2.40	6.83
	1/15/2020	<0.500	190	0.559	0.129	0.930	53.5	401	66.8	4.82	82.9	1,570	1,260	<4.00	0	6.35
	1/23/2020	<0.500	195	0.617	0.126	0.128	46.2	426	76.3	8.84	86.4	1,530	1,230	<4.00	1.60	6.21
	1/31/2020	<0.500	197	0.616	0.129	<0.100	48.5	446	79.1	7.43	89.5	1,440	1,230	<4.00	3.20	6.15
	2/6/2020	<0.500	316	<0.500	0.179	<0.100	64.2	430	76.0	7.60	101	1,100	1,180	<4.00	1.10	6.07
	2/13/2020	<2.50	293	0.623	0.178	<0.500	57.3	409	74.5	6.80	95.7	1,640	1,200	<4.00	0.300	6.04
	2/20/2020	<0.500	272	0.586	0.157	<0.100	49.6	421	71.4	6.38	91.4	1,690	1,220	<4.00	0.300	5.93
	2/28/2020	<0.500	307	<0.500	1.05	1.35	56.6	438	74.0	5.98	97.4	1,620	1,230	<4.00	0.400	6.12
	3/6/2020	<0.500	284	0.621	0.107	1.27	56.2	418	67.9	5.60	92.7	1,880	1,230	<4.00	0.800	6.26
	3/13/2020	<0.500	316	0.629	<0.100	<0.100	59.3	393	63.3	5.32	91.2	1,770	1,200	<4.00	4.30	6.23
	3/18/2020	0.533	332	0.642	0.128	<0.100	63.5	391	67.4	5.56	95.7	1,680	1,180	<4.00	3.80	6.44
	3/27/2020	0.533	324	0.728	<0.100	<0.100	57.6	418	70.3	5.91	105	1,610	1,180	<4.00	0.200	6.57
	4/3/2020	<0.500	304	0.807	0.110	<0.100	57.3	417	69.0	5.91	101	1,960	1,180	<4.00	0.200	6.37
	4/10/2020	0.575	351	0.612	0.172	<0.100	61.8	431	72.3	6.17	104	1,930	1,190	<4.00	0.600	6.73
	4/17/2020	0.590	353	0.691	0.165	<0.100	59.7	406	73.2	5.40	108	1,750	1,180	<4.00	1.70	6.51
	4/24/2020	0.595	370	0.723	0.152	<0.100	61.2	408	75.2	5.55	113	1,810	1,130	<4.00	0.600	6.32
	5/1/2020	0.576	376	0.686	0.140	<0.100	61.8	402	74.6	5.39	106	1,750	1,130	<4.00	1.90	6.37
	5/7/2020	0.517	365	0.675	0.163	<0.100	58.8	425	70.5	5.57	108	1,640	1,140	<4.00	0.00	6.55
	5/14/2020	0.571	409	0.585	0.160	<0.100	56.0	412	76.5	6.23	107	1,900	1,200	<4.00	3.70	6.34
	5/22/2020	0.531	319	0.561	1.550	<0.100	30.1	354	63.7	5.24	97.4	1,360	1,190	<4.00	6.10	6.54
	5/26/2020	0.549	357	0.688	0.153	<0.100	44.5	356	69.6	5.67	102	1,650	1,170	<4.00	6.30	6.42
	6/5/2020	0.640	417	0.535	0.139	<0.100	39.9	379	73.3	5.92	108	1,670	1,160	<4.00	5.90	6.30
	6/12/2020	0.602	359	0.697	0.145	<0.100	43.9	386	72.4	6.70	106	1,670	1,140	<4.00	2.40	6.22
	6/18/2020	0.576	431	<5.00	0.144	<0.100	39.5	418	78.8	6.23	115	1,800	1,180	<4.00	2.40	6.28
	6/23/2020	0.586	398	<5.00	0.136	<0.100	33.3	361	66.3	5.48	98.2	1,920	1,190	<4.00	8.40	6.23
	6/30/2020	0.695	431	<5.00	0.149	<0.100	37.9	437	78.6	6.70	113	1,830	1,170	<4.00	2.60	6.39
	7/9/2020	0.647	413	<5.00	0.147	0.215	40.5	421	78.5	6.58	114	1,790	1,170	<4.00	1.50	6.37
	7/16/2020	0.657	390	<5.00	0.128	<0.100	40.6	402	77.6	7.01	114	1,890	1,170	<4.00	1.90	6.34
	7/23/2020	0.621	396	<5.00	0.175	0.169	36.5	419	74.0	6.58	111	2,000	1,160	<4.00	1.10	6.22
	7/30/2020	0.669	390	0.625	0.181	<0.100	39.3	397	71.4	5.59	103	1,910	1,170	<4.00	3.70	6.18
	8/7/2020	0.631	387	0.526	0.186	1.75	36.1	404	79.5	6.73	111	1,810	1,150	<4.00	0.900	6.12
	8/13/2020	0.713	408	0.505	0.191	1.45	34.9	368	75.1	6.54	115	1,980	1,150	<4.00	5.00	6.26
	8/20/2020	0.690	449	<0.500	0.164	<0.100	38.7	389	69.0	5.99	113	2,000	1,090	<4.00	4.40	6.18
	8/27/2020	0.846	582	<0.500	0.158	1.68	49.4	446	82.6	7.17	161	2,570	973	<4.00	1.50	6.35
	9/2/2020	0.868	635	<0.500	0.159	<0.100	48.1	422	77.9	7.25	168	1,620	1,030	<4.00	3.40	6.30
	9/10/2020	0.714	499	<0.500	<0.100	1.61	41.9	387	79.4	6.53	133	1,980	1,090	<4.00	4.20	6.10
	9/17/2020	0.769	472	<0.500	0.272	1.06	40.8	467	73.4	6.45	119	1,930	1,110	<4.00	1.10	6.14
	9/25/2020	0.779	541	<0.500	0.150	<0.100	44.0	386	75.9	5.86	133	1,680	1,110	<4.00	6.70	6.17
	10/1/2020	0.721	466	<0.500	0.173	<0.100	41.4	398	75.5	6.25	124	1,940	1,110	<4.00	3.30	6.07
	10/9/2020	0.786	527	<0.500	0.161	<0.100	43.8	426	79.8	6.90	139	2,220	1,090	<4.00	1.90	6.21
	10/16/2020	0.595	460	0.511	<0.100	<2.00	45.7	376	72.5	5.90	122	2,020	1,080	<4.00	4.80	6.20
	11/24/2020	0.817	572	<0.500	0.124	2.07	37.5	438	79.6	6.56	141	2,200	1,100	<4.00	2.60	6.45
	12/4/2020	0.687	706	<0.500	0.142	3.27	30.9	405	75.8	7.09	143	2,000	1,050	<4.00	9.30	6.33
	12/11/2020	0.816	487	0.949	0.197	1.80	33.4	445	82.0	6.90	133	1,990	1,160	<4.00	0.200	6.20
	12/18/2020	0.763	497	<5.00	0.129	1.87	37.6	424	79.5	6.97	137	1,910	1,180	<4.00	2.70	6.39
	12/23/2020	0.613	477	<5.00	0.108	<0.100	38.3	416	78.2	7.82	129	1,800	1,290	<4.00	5.70	6.22
	12/30/2020	0.712	493	<0.500	<0.100	<0.100	40.1	448	80.0	6.21	139	2,120	1,340	<4.00	4.40	6.14
	1/6/2021	0.784	504	<0.500	0.155	2.61	23.0	400	79.8	6.14	135	2,210	1,340	<4.00	8.10	6.27
	1/12/2021	0.605	326	<0.500	0.137	1.05	<0.500	324	64.3	5.68	97.8	1,680	1,160	<4.00	7.00	6.57
	1/20/2021	0.796	486	<0.500	0.138	<0.100	7.68	397	73.0	6.00	127	2,170	1,200	<4.00	5.70	6.24
	1/27/2021	0.510	264	0.905	0.137	1.16	23.1	296	55.1	4.75	83.1	1,350	875	<4.00	1.70	6.38
	2/3/2021	0.501	275	0.842	0.122	1.02	20.5	329	59.0	4.76	89.4	1,370	940	<4.00	0.00	6.37
	2/10/2021	0.615	561	<0.500	0.147	0.308	24.9	416	77.9	7.03	156	1,980	1,170	<4.00	4.50	6.31
	2/24/2021	0.695	576	<0.500	0.163	2.6	31.4	450	81.3	7.94	164	2,260	1,190	<4.00	2.50	6.22
	3/4/2021	0.789	585	<0.500	0.121	0.215	54.1	425	77.8	6.41	151	2,090	1,050	<4.00	3.00	6.34
	3/10/2021	0.756	540	<0.500	0.147	<0.100	45.5	417	76.3	5.54	139	1,940	1,160	<4.00	5.10	6.29
	3/17/2021	0.813	519	1.21	0.169	<0.100	33.8	436	71.3	6.10	127	1,910	1,200	<4.00	4.70	5.97
	3/25/2021	<10.0	529	<10.0	<2.00	1.99 J	20.2	435	78.0	7.14	136	2,320	1,250	<4.00	-10.80	6.6
	3/31/2021	0.785	499	0.358 J	0.130	<0.0293	16.5	416	74.3	6.73	132	1,650	1,150	<4.00	-9.18	6.4
	4/8/2021	<0.500	254	0.869	<0.100	0.121	23.3	271	46.7	5.00	74.5	1,120	785	<4.00	-9.60	6.5
	4/15/2021	0.545	253	0.939	<0.100	<0.100	34.1	283	53.5	4.66	82.8	998	793	<4.00	-7.22	6.5
	4/21/2021	0.460 J	253	0.729	0.125	<0.0293	9.23	278	52.4	4.83	81.4	1,210	869	<4.00	-10.1	6.4
	4/28/2021	0.841	497	0.196 J	0.133	<0.0293	21.2	416	75.8	6.88	133	2,000	1,290	<4.00	-12.5	6.3
	5/5/2021	0.780	475	0.362 J	0.151	<0.0293	13.6	428	80.1	7.43	123	2,120	1,230	<4.00	-9.6	6.2
	5/13/2021	0.469 J	239	1.01	0.126	0.756 J	28.5	238	46.1	4.10	72.6	1,150	737	<4.00	-11.9	6.7
	5/19/2021	0.725	566	0.324 J	<0.0391	2.93	21.0	494	91.6	8.14	164	2,160	1,260	<4.00	-5.71	6.3
	5/27/2021	0.579	419	0.499 J	0.137	0.136	16.7	406	73.3	6.47	123	1,370	810	<4.00	1.85	6.5
	6/2/2021	0.712	488	0.303 J	0.128	<0.0293	23.7	447	82.8	7.43	139	2,140	1,120	<4.00	-4.83	6.3
	6/10/2021	0.415 J	247	1.10	0.124	1.38	22.2	273	54.9	4.90	84.8	1,270	669	<4.00	-2.53	6.5
	6/16/2021	0.405 J	227	0.946	0.125	<0.0293	11.5	267	56.0	4.64	84.4	1,500	723	<4.00	-3.70	6.7
	6/22/2021	0.405 J	230	1.00	0.117	1.67	28.9	298	53.1	4.74	80.7	1,230	657	<4.00	0.795	6.7
	6/30/2021	0.398 J	237	1.07	0.140	0.205	23.8	258	51.9	4.32	74.6	1,200	676	<4.00	-5.560	6.9
	7/1/2021	Levey Well Now Running Full Time														
	7/7/2021	0.469 J	305	0.705	0.128	<0.0293	41.3	337	67.2	5.46	96.3	1,780	764	<4.00	-0.751	6.6
	7/14/2021	0.446 J	297	0.753	0.151	0.167	41.6	323	61.9	4.56	87.0	1,200	785	<4.00	-3.73	6.4
	7/20/2021	0.180 J	290	0.223 J	0.0457 J	<0.0293	38.2	317	65.9	5.31	96.1	1,620	854	<4.00	-5.11	6.4
	7/27/2021	0.437 J	281	0.491 J	0.126	1.42	41.3	338	66.9	5.14	95.9	1,240	790	<4.00	-0.522	6.2
	8/5/2021	0.400 J	275	0.565	0.158	<0.0293	43.3	334	68.8	5.00	90.9	1,610	714	<4.00	2.12	6.6
	8/11/2021	0.446 J	261	0.512	0.154	1.81	43.2	298	64.8	4.96	89.8	1,470	764	<4.00	-3.46	6.4
	8/19/2021	0.583	380	0.357 J	0.177	0.694	39.1	336	68.2	6.69	111	2,030	769	<4.00	-3.85	6.6
	8/25/2021	0.483 J	249	0.680	0.125	1.13	41.4	305	59.6	4.65	83.9	1,050	698	<4.00	-0.532	6.6
	9/2/2021	0.418 J	233	0.688	0.110	0.147	20.1	287	52.2	3.98	75.2	1,140	588	<4.00	2.27	7.0
	9/8/2021	0.357 J	257	0.442 J	0.0997 J	1.20	43.4	300	61.8	4.83	87.3	1,360	703	<4.00	-1.15	6.6
	9/14/2021	0.372 J	250	0.511	0.118	1.11	42.3	285	58.7	4.81	81.7	988	730	<4.00	-4.44	6.4
	9/21/2021	0.546	227	0.951	0.224	<0.0293	37.4	313	68.2	5.30	97.5	1,080	610	<4.00	7.72	6.6
	9/29/2021	0.535	248	0.542	0.186	0.164	41.9	302	59.9	4.60	85.4	1,410	765	<4.00	-2.94	6.6
	10/7/2021	0.454 J	235	0.582	1.10	<0.0293	40.5	323	65.5	4.79	88.3	1,310	765	<4.00	0.449	6.6
	10/13/2021	0.459 J	238	0.608	0.198	1.10	40.9	252	52.7	3.97	75.6	1,030	765	<4.00	-10.6	6.7
	10/21/2021	0.470 J	227	0.557	0.143	<0.0293	36.9	238	51.0	3.54	72.5	1,250	722	<4.00	-10.2	6.5

ENSOLUM

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Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	(mg/L)													%	SU
		Bromide	Chloride	Fluoride	Nitrate as N	Nitrite as N	Sulfate	Calcium	Magnesium	Potassium	Sodium	Total Dissolved Solids	Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Cation-Anion Balance	pH
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		NE	250.0	1.6	10.0	1.0	NE	NE	NE	NE	NE	1,000.0	NE	NE	NE	6-9
Levey Well	10/27/2021	0.444 J	238	0.469 J	0.193	0.0910 J	42.5	330	67.2	5.31	94.2	1,290	706	<4.00	3.95	6.7
	11/5/2021	0.367 J	231	1.45	0.220	<0.0293	41.7	328	63.6	5.06	90.7	1,050	657	<4.00	5.76	6.9
	11/11/2021	0.379 J	229	0.594	0.238	<0.0293	36.9	221	48.1	3.36	71.5	1,140	571	<4.00	-5.92	7.0
	11/18/2021	0.560	247	0.397 J	0.176	<0.0293	44.3	276	50.8	4.29	76.4	1,350	698	<4.00	-5.71	6.6
	11/24/2021	0.455 J	232	0.646	0.203	0.718	41.9	253	52.5	4.07	76.6	1,240	546	<4.00	-0.200	6.6
	12/1/2021	0.497 J	233	0.652	0.144	<0.0293	42.0	284	55.9	4.31	82.4	1,040	644	<4.00	-0.133	6.9
	12/8/2021	0.516	230	0.620	0.187	<0.0293	42.5	261	55.8	4.20	82.9	1,200	633	<4.00	-1.56	6.5
	12/16/2021	0.490 J	228	0.528	0.251	<0.0293	42.1	282	55.3	4.13	81.9	1,280	649	<4.00	-0.883	6.4
	12/22/2021	0.480 J	230	0.294 J	0.223	<0.0293	43.3	304	58.5	4.66	85.8	1,270	619	<4.00	3.67	6.4
	12/29/2021	0.476 J	225	0.588	0.224	<0.0293	43.8	300	57.5	4.69	84.9	1,220	657	<4.00	1.62	6.6
	1/6/2022	0.386 J	226	0.500	0.182	<0.0293	42.7	278	52.9	4.11	79.0	1,650	711	<4.00	-4.09	6.4
	1/12/2022	0.438 J	223	0.561	0.178	<0.0293	42.8	254	49.2	3.60	71.9	1,090	633	<4.00	-4.90	6.1
	1/19/2022	0.446 J	223	0.523	0.178	<0.0293	43.6	288	57.2	4.34	80.1	1,780	688	<4.00	-1.41	6.3
	1/26/2022	0.440 J	220	0.580	0.181	0.0834 J	41.7	286	56.4	4.50	85.1	1,140	706	<4.00	-1.64	6.4
	2/2/2022	Unable to Sample due to Incliment Weather. Booster Pump for Levey Well Damaged by Freeze.														
	2/8/2022	0.780	329	1.24	<0.0391	0.420	62.0	272	58.5	4.77	97.0	1,410	756	<4.00	-11.40	6.5
	2/16/2022	0.488 J	217	0.769	0.0551 J	0.349	27.9	212	46.2	3.76	74.5	1,070	555	<4.00	-6.59	6.6
	2/25/2022	0.726	484	0.902	0.141	<0.0293	31.2	429	78.2	6.80	139	1,960	1,210	<4.00	-9.05	6.4
	3/3/2022	0.606	380	1.76	0.220	0.175	39.8	410	78.2	7.36	137	2,130	1,190	<4.00	-6.76	6.3
	3/9/2022	0.507	355	1.10	0.147	<0.0293	42.6	422	79.4	7.55	129	1,820	1,160	<4.00	-4.98	6.3
	3/14/2022	Booster Pump for Levey Well Repaired and Back on Running Full Time.														
	3/16/2022	0.380 J	229	0.464 J	0.208	<0.0293	42.2	258	55.9	4.48	85.6	1,190	673	<4.00	-4.29	6.4
	3/24/2022	0.539	230	0.709	<0.0391	<0.0293	43.4	252	51.3	4.07	81.5	1,390	644	<4.00	-4.80	6.5
	3/31/2022	0.515	223	0.690	0.239	<0.0293	44.0	245	52.7	3.79	77.2	1,220	641	<4.00	-5.18	6.4
	4/6/2022	0.540	218	0.868	0.0931 J	<0.0293	42.4	256	50.3	3.90	76.6	1,220	619	<4.00	-2.94	6.4
	4/13/2022	0.400 J	212	0.773	0.111	<0.0293	42.0	256	51.3	3.87	74.5	1,200	650	<4.00	-3.94	6.6
	4/20/2022	0.496 J	218	0.651	0.268	<0.0293	44.6	238	48.7	4.05	75.0	1,260	686	<4.00	-8.77	6.6
	4/28/2022	0.477 J	214	0.690	0.104	<0.0293	43.2	272	55.4	4.43	84.3	1,140	658	<4.00	-1.11	6.8
	5/5/2022	0.352 J	217	0.567	0.737 J	1.93	41.8	233	49.1	3.67	82.4	1,210	659	<4.00	-7.39	6.6
	5/10/2022	0.589	219	0.643	0.100	<0.0293	44.6	301	61.6	4.74	90.5	1,080	652	<4.00	2.74	6.4
	5/19/2022	0.551	217	0.519	<0.0391	<0.0293	45.9	242	51.7	4.08	74.8	1,040	421	<4.00	5.76	6.7
	5/26/2022	0.606	212	0.714	0.0986 J	2.77	41.2	215	38.7	2.93	66.7	1,240	683	<4.00	-11.5	6.2
	6/1/2022	0.449 J	205	0.788	0.0622 J	<0.0293	37.2	219	42.0	3.22	67.7	1,100	402	<4.00	2.15	7.0
	6/9/2022	0.395 J	215	0.332 J	0.0721 J	<0.0293	44.2	295	53.3	4.27	80.9	1,170	712	<4.00	-1.83	6.3
	6/17/2022	0.282 J	204	0.643	0.151	<0.0293	43.9	190	35.3	2.54	59.9	1,160	619	<4.00	-16.7	6.4
	6/23/2022	0.321 J	206	0.377 J	0.250	<0.0293	38.4	306	47.2	3.80	73.0	1,150	454	<4.00	11.3	6.5
	6/29/2022	0.350 J	213	0.505	0.207	<0.0293	44.4	243	49.9	3.79	77.7	889	674	<4.00	-6.92	6.3
	7/7/2022	0.425 J	214	0.609	<0.0391	<0.0293	46.0	251	50.6	3.88	77.0	1,470	592	<4.00	-2.28	6.5
	7/13/2022	0.393 J	212	0.663	0.129	<0.0293	46.2	245	48.1	3.89	74.2	1,160	417	<4.00	5.53	6.3
	7/20/2022	0.468 J	207	0.383 J	0.0538 J	<0.0293	47.5	251	51.8	4.12	77.2	1,170	742	<4.00	-8.12	6.4
	7/27/2022	0.437 J	209	0.349 J	0.201	<0.0293	46.2	215	42.6	3.22	68.3	1,350	601	<4.00	-9.64	6.7
	8/4/2022	0.483 J	211	0.453 J	0.236	<0.0293	45.4	199	39.8	3.04	65.6	1,300	600	<4.00	-13.2	6.4
	8/10/2022	0.464 J	215	0.475 J	0.103	<0.0293	44.3	278	53.6	4.27	78.9	1,160	567	<4.00	3.02	6.5
	8/18/2022	0.473 J	213	0.552	0.157	<0.0293	45.4	261	52.0	4.22	80.6	1,370	563	<4.00	0.748	6.5
	8/24/2022	0.500	222	0.674	<0.100	<0.100	48.7	229	46.5	3.28	72.0	1,280	728	<4.00	-12.7	6.6
	8/31/2022	0.434 J	217	0.468 J	<0.0391	<0.0293	46.8	253	50.7	4.20	79.3	1,270	651	<4.00	-4.91	6.9
	9/15/2022	1.55	218	0.688	0.116	<0.0293	47.4	241	52.6	4.39	81.7	1,170	618	<4.00	-4.19	6.4
	9/22/2022	0.468 J	217	0.316 J	0.546	<0.0293	52.8	179	39.9	3.11	66.4	1,250	613	<4.00	-17.7	6.4
	9/28/2022	2.32	214	0.688	0.234	<0.0293	47.2	242	48.3	4.11	73.6	1,160	592	<4.00	-4.04	6.4
	10/4/2022	0.515	200	0.740	0.396	<0.0293	45.0	242	50.2	4.07	78.2	706	456	<4.00	4.21	6.6
	10/14/2022	0.495 J	212	0.655	0.464	<0.0293	49.1	208	42.7	3.22	68.5	1,250	719	<4.00	-16.5	6.3
	10/19/2022	1.08 J	206	0.612 J	0.359	<0.0293	46.0	250	51.3	4.05	81.9	1,340	676	<4.00	-5.64	6.6
	10/27/2022	0.412 J	201	0.631	0.0757 J	0.690	40.1	322	64.8	5.47	95.2	977	740	<4.00	3.53	6.4
	11/2/2022	0.473 J	216	0.509	0.165	<0.0293	46.1	247	49.2	4.26	76.4	1,230	681	<4.00	-6.86	6.3
	11/9/2022	0.461 J	218	0.683	0.0934 J	<0.0293	46.5	238	44.2	3.36	73.3	1,450	708	<4.00	-11.0	6.5
	11/16/2022	0.480 J	219	0.493 J	0.154	<0.0293	47.5	250	50.0	4.20	78.0	1,340	611	<4.00	-3.43	6.8
	11/30/2022	0.487 J	218	0.710	0.0811 J	<0.0293	44.9	208	43.2	3.12	70.9	1,270	618	<4.00	-11.7	6.7
	12/9/2022	0.335 J	206	0.685	0.153	0.108	40.5	244	49.3	3.61	62.9	1,170	626	<4.00	-5.72	6.5
	12/15/2022	0.311 J	211	0.628	0.137	<0.0293	40.5	254	48.3	4.05	76.3	956	440	<4.00	6.29	6.3
	12/21/2022	0.392 J	214	0.732	0.144	<0.0293	44.5	258	49.1	4.69	80.4	1,130	656	<4.00	-3.79	6.5
	12/29/2022	0.515	209	0.568	10.4	2.66	43.5	242	45.9	3.93	74.9	1,060	670	<4.00	-7.08	6.6
	1/4/2023	Electrical Failure, Unable to Sample.														
	1/13/2023	0.562	292	0.202 J	0.227	<0.0293	35.2	393	71.7	6.96	125	1,800	949	<4.00	1.05	6.4
	1/19/2023	0.658	304	0.191 J	0.109	<0.0293	53.7	450	84.0	7.71	133	1,730	1,140	<4.00	0.441	6.3
	1/25/2023	0.525	298	0.207 J	0.0992 J	<0.0293	46.7	416	72.6	6.84	119	1,760	1,110	<4.00	-2.84	6.7
	2/2/2023	0.609	309	<0.100	0.256	<0.0293	43.5	366	69.4	6.39	113	1,680	1,120	<4.00	-8.22	6.4
	2/8/2023	0.514	224	0.443 J	0.108	<0.0293	44.6	228	46.7	4.18	78.0	1,230	704	<4.00	-11.0	6.7
	2/17/2023	0.403 J	231	0.632	0.0839 J	<0.0293	50.5	234	46.5	3.96	74.4	1,190	651	<4.00	-9.14	6.5
	2/22/2023	0.442 J	214	0.464 J	0.0849 J	<0.0293	46.8	246	50.4	4.19	78.6	1,160	732	<4.00	-8.94	6.3
	3/3/2023	0.457 J	327	0.148 J	0.0946 J	<0.0293	60.9	376	67.6	6.40	117	1,500	921	<4.00	-2.26	6.3
	3/8/2023	0.488 J	222	0.425 J	0.106	<0.0293	49.2	250	48.8	3.95	72.6	1,380	696	<4.00	-8.10	6.3
	3/15/2023	0.453 J	220	0.314 J	0.0651 J	<0.0293	49.2	224	43.1	3.66	70.0	1,030	691	<4.00	-12.3	6.3
	3/23/2023	0.454 J	221	0.896	0.0721 J	<0.0293	50.7	248	51.3	4.11	91.2	1,190	689	<4.00	-0.0255	6.5
	3/29/2023	0.438 J	217	0.504	0.0578 J	0.157	46.3	254	50.8	4.44	79.9	1,130	684	<4.00	-5.81	6.3
	4/6/2023	<0.0711	219	0.206 J	0.0769 J	<0.0293	47.4	249	49.4	4.08	79.7	1,080	680	<4.00	-6.66	6.7
	4/14/2023	<0.0711	219	0.229 J	0.0834 J	<0.0293	49.4	224	45.2	3.78	71.8	1,200	608	<4.00	-8.07	6.6
	4/26/2023	0.475 J	215	0.471 J	0.129	0.395	47.7	264	52.9	4.25	80.2	1,240	651	<4.00	-2.67	6.4
	5/2/2023	<0.0711	225	0.331 J	0.321	<0.0293	54.1	302	56.0	4.60	86.7	1,290	688	<4.00	-0.0776	6.4
	5/11/2023	0.400 J	216	0.400 J	10.4	2.66	44.9	236	51.7	4.41	82.0	1,680	637	<4.00	-7.60	6.5
	5/15/2023	0.326 J	214	0.789	0.243	0.793	47.8	202	41.3	3.26	67.1	1,320	547	<4.00	-9.15	6.5
	5/25/2023	0.348 J	217	0.617	0.0603 J	0.691	46.8	259	48.8	4.21	77.4	1,310	697	<4.00	-6.47	6.5
	5/30/2023	0.353 J	231	0.154 J	0.351	0.664	45.5	187	37.8	2.87	66.2	979	400	<4.00	-6.63	7.1
	6/9/2023	0.482 J	225	0.451 J	0.180	<0.0293	49.6	224	43.7	3.21	73.8	1,360	710	<4.00	-13.4	6.7
	6/15/2023	0.372 J	230	0.474 J	0.139	0.348	49.7	255	49.6	3.91	81.1	1,380	679	<4.00	-6.66	6.5
	6/23/2023	0.386 J	239	0.463 J	0.123	<0.0293	50.8	254	50.9	4.38	81.4	1,240	712	<4.00	-8.19	6.5
	6/26/2023	0.327 J	218	0.301 J	0.0682 J	2.51	45.0	260	42.3	3.70	69.4	1,180	719	<4.00	-8.99	6.5
	7/5/2023	0.308 J	210	0.211 J	0.0838 J	1.08	41.5	270	52.0	4.24	84.5	1,140	744	<4.00	-5.11	6.7
	7/13/2023	0.312 J	221	0.211 J	0.0979 J	2.07	48.1	260	44.0	3.62	71.0	1,360	707	<4.00	-8.5	6.5
	7/17/2023	0.326 J	224	0.145 J	0.0682 J	<0.0293	47.5	185	38.1	3.13	63.0	1,080	575	<4.00	-14.8	6.6
	7/27/2023	0.489 J	300	0.280 J	<0.0391	0.977	47.1	389	71.1	7.20	109	1,880	1,010	<4.00	-3.06	6.4
	7/31/2023	0.384 J	233	0.635	<0.0391	<0.0293	42.7	207	44.6	4.26	93.7	1,100	445	<4.00	-2.22	7.5
	8/9/2023	<0.0711	275	0.104 J	0.162	<0.0293	55.5	374	60.6	5.78	112	1,750	1,090	<4.00	-7.00	6.6
	8/14/2023	0.552	297	0.100 J	0.0896 J	0.130	41.8	426	74.9	7.31	137	1,810	1,110	<4.00	-0.583	6.9

ENSOLUM

TABLE 2
GROUNDWATER SAMPLING (General Water Chemistry) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	(mg/L)													%	SU
		Bromide	Chloride	Fluoride	Nitrate as N	Nitrite as N	Sulfate	Calcium	Magnesium	Potassium	Sodium	Total Dissolved Solids	Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Cation-Anion Balance	pH
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		NE	250.0	1.6	10.0	1.0	NE	NE	NE	NE	NE	1,000.0	NE	NE	NE	6-9
Levey Well	8/23/2023	0.352 J	228	0.510	0.142	4.70	47.9	232	44.6	4.00	75.4	1,160	681	<4.00	-11.1	6.5
	8/28/2023	0.380 J	226	0.548	0.0831 J	2.24	16.7	213	42.1	3.24	76.2	1,210	527	<4.00	-5.41	7.6
	9/7/2023	0.283 J	206	0.467 J	0.139	0.242	46.2	260	52.4	4.16	87.3	1,160	679	<4.00	-3.25	6.4
	9/13/2023	<0.0711	233	0.257	0.166	<0.0293	54.1	275	53.8	3.83	85.6	1,200	715	<4.00	-5.41	6.3
	9/22/2023	0.459 J	226	0.442 J	0.124	2.69	48.9	333	52.1	4.54	81.9	1,320	699	<4.00	1.81	6.2
	9/25/2023	0.435 J	228	0.497 J	0.129	1.25	47.8	195	39.9	3.27	71.7	1,030	398	<4.00	-4.03	7.1
	10/2/2023	<0.0711	223	0.651	0.0415 J	<0.0293	52.6	209	41.7	3.39	67.7	1,450	650	<4.00	-13.6	6.5
	10/9/2023	0.432 J	233	0.738	0.0930 J	0.423	45.2	224	45.4	3.61	80.5	1,160	407	<4.00	1.16	6.9
	10/17/2023	0.543	220	0.363 J	0.156	0.415	50.0	337	65.9	5.23	105	1,300	714	<4.00	5.00	6.3
	10/23/2023	0.261 J	225	0.414 J	0.0867 J	<0.0293	44.5	189	39.8	2.65	73.2	1,170	410	<4.00	-5.00	6.8
	10/31/2023	0.414 J	240	0.498 J	0.0990 J	0.601	50.4	255	47.6	3.97	89.5	1,250	534	<4.00	-0.384	6.4
	11/6/2023	0.272 J	222	0.379 J	<0.0391	<0.0293	43.3	201	40.3	3.02	71.9	1,160	408	<4.00	-2.77	6.9
	11/16/2023	0.425 J	221	0.299 J	0.142	<0.0293	50.4	223	44.0	3.83	75.9	1,340	678	<4.00	-11.3	6.3
	11/20/2023	0.826	224	0.747	0.137	0.970	43.6	194	38.8	2.80	73.4	1,030	437	<4.00	-5.89	7.1
	11/27/2023	0.569	223	0.617	0.124	0.462	49.2	283	52.9	4.51	89.0	1,300	676	<4.00	-2.72	6.3
	12/8/2023	0.500	238	0.645	0.143	<0.0293	45.7	203	40.9	2.71	78.5	1,090	439	<4.00	-4.79	7.0
	12/11/2023	0.640	226	0.564	0.157	0.660	49.7	272	52.6	4.53	84.9	1,280	652	<4.00	-2.23	6.5
	12/18/2023	0.525	234	0.825	0.125	<0.0293	43.2	188	39.9	2.85	72.0	1,140	454	<4.00	-8.07	7.2
	1/2/2024	0.493 J	246	0.774	0.144	<0.0293	25.9	209	41.4	2.81	70.3	1,190	501	<4.00	-7.40	7.1
	1/10/2024	0.497 J	268	0.238 J	0.124	0.548	50.1	377	68.8	6.32	124	1,680	1,110	<4.00	-9.12	6.3
	1/15/2024	0.540	307	0.815	0.0931 J	<0.0293	36.4	401	72.3	6.36	130	1,580	1,110	<4.00	-3.33	6.2
	1/25/2024	0.471 J	240	0.666	0.110	<0.0293	27.3	196	41.2	3.09	73.6	1,510	479	<4.00	-6.50	6.9
	1/29/2024	0.560	297	<0.100	0.123	0.704	32.4	432	68.6	6.12	135	1,750	1,030	<4.00	1.85	6.2

ENSOLUM

TABLE 2
GROUNDWATER SAMPLING (General Water Chemistry) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	(mg/L)													%	SU
		Bromide	Chloride	Fluoride	Nitrate as N	Nitrite as N	Sulfate	Calcium	Magnesium	Potassium	Sodium	Total Dissolved Solids	Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Cation-Anion Balance	pH
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		NE	250.0	1.6	10.0	1.0	NE	NE	NE	NE	NE	1,000.0	NE	NE	NE	6-9
MW-1	5/26/2020	NA	**363**	**0.913**	**0.998**	**1.03**	**283**	NA								**7.21**
	6/30/2020	**0.591**	**342**	<0.500	**0.145**	<0.100	**88.8**	**401**	**84.7**	**6.41**	**191**	**1,890**	**1,290**	<4.00	NA	**6.75**
	8/20/2020	**0.634**	**339**	<0.500	<0.100	<0.100	**68.3**	**401**	**90.3**	**5.38**	**147**	**1,760**	**1,210**	<4.00	NA	**6.30**
	10/23/2020	NA	**353**	NA												
	11/24/2020	**0.629**	**345**	**0.309 J**	**0.161**	**2.00**	**73.2**	**412**	**82.8**	**5.61**	**124**	**1,630**	**1,200**	<4.00	**0.400**	**6.45**
	12/18/2020	NA	**375**	NA				**414**	**79.7**	**5.41**	**117**	**1,380**	**1,160**	<4.00	**1.30**	**6.58**
	12/23/2020	**0.627**	**339**	**0.316 J**	**0.117**	<0.0293	**73.2**	**408**	**82.5**	**6.58**	**119**	**1,600**	**1,130**	<4.00	**2.10**	**6.56**
	12/30/2020	NA	**347**	NA												**6.37**
	1/6/2021	NA	**325**	NA												**6.51**
	1/12/2021	NA	**359**	NA									**1,160**	<4.00	NA	**6.42**
	1/20/2021	NA	**353**	NA									**1,160**	<4.00	NA	**6.34**
	1/27/2021	NA	**334**	NA									**1,010**	<4.00	NA	**6.44**
	2/3/2021	NA	**368**	NA									**1,130**	<4.00	NA	**6.38**
	2/10/2021	NA	**339**	NA									**1,160**	<4.00	NA	**6.45**
	2/24/2021	NA	**343**	NA									**1,070**	<4.00	NA	**6.45**
	3/4/2021	NA	**339**	NA									**1,070**	<4.00	NA	**6.38**
	3/10/2021	NA	**324**	NA									**1,020**	<4.00	NA	**6.34**
	3/17/2021	NA	**330**	NA									**1,020**	<4.00	NA	**6.16**
	3/25/2021	NA	**312**	**0.367 J**	**0.129**	<0.100	**77.5**	NA					**980**	<4.00	NA	**6.9**
	3/31/2021	NA	**309**	**0.387 J**	**0.175**	<0.0293	**81.3**	NA					**977**	<4.00	NA	**6.7**
	4/8/2021	NA	**290**	**0.515**	**0.0994 J**	<0.0293	**58.1**	NA					**933**	<4.00	NA	**6.5**
	4/15/2021	NA	**272**	**0.583**	**0.107**	<0.0293	**54.0**	NA					**833**	<4.00	NA	**6.6**
	4/21/2021	NA	**299**	**0.369 J**	**0.135**	<0.0293	**52.7**	NA					**927**	<4.00	NA	**6.5**
	4/28/2021	NA	**315**	**0.315 J**	**0.119**	<0.0293	**57.8**	NA					**994**	<4.00	NA	**6.5**
	5/5/2021	NA	**317**	**0.358 J**	**0.135**	<0.0293	**68.5**	NA					**1,020**	<4.00	NA	**6.5**
	5/13/2021	NA	**270**	**0.492 J**	**0.125**	**0.729 J**	**55.6**	NA					**819**	<4.00	NA	**6.8**
	5/19/2021	NA	**324**	**0.335 J**	<0.0391	**2.58**	**65.0**	NA					**1,070**	<4.00	NA	**6.5**
	5/27/2021	NA	**325**	**0.380 J**	**0.128**	**0.148**	**70.3**	NA					**971**	<4.00	NA	**6.3**
	6/2/2021	NA	**315**	**0.305 J**	**0.146**	<0.0293	**72.8**	NA					**979**	<4.00	NA	**6.5**
	6/10/2021	NA	**295**	**0.561**	**0.130**	**1.44**	**64.7**	NA					**768**	<4.00	NA	**6.6**
	6/16/2021	NA	**320**	**0.478 J**	**0.127**	**0.243**	**59.1**	NA					**811**	<4.00	NA	**6.7**
	6/22/2021	NA	**311**	**0.478 J**	**0.119**	**1.65**	**56.9**	NA					**790**	<4.00	NA	**6.8**
	6/30/2021	NA	**308**	**0.561**	**0.145**	**0.168**	**64.2**	NA					**813**	<4.00	NA	**6.7**
	7/1/2021	Levey Well Now Running Full Time														
	7/7/2021	NA	**325**	**0.547**	**0.127**	<0.0293	**75.9**	NA					**761**	<4.00	NA	**6.8**
	7/14/2021	NA	**360**	**0.418 J**	**0.134**	**0.0880 J**	**112**	NA					**931**	<4.00	NA	**6.8**
	7/20/2021	NA	**324**	**0.138 J**	**0.0457 J**	<0.0293	**81.5**	NA					**750**	<4.00	NA	**6.7**
	7/27/2021	NA	**352**	**0.340 J**	**0.148**	**1.22**	**82.8**	NA					**786**	<4.00	NA	**6.7**
	8/5/2021	NA	**336**	**0.426 J**	**0.117**	<0.0293	**79.0**	NA					**695**	<4.00	NA	**6.9**
	8/11/2021	NA	**326**	**0.342 J**	**0.153**	**1.48**	**85.5**	NA					**735**	<4.00	NA	**6.6**
	8/19/2021	NA	**334**	**0.227 J**	**0.149**	**1.36**	**81.9**	NA					**810**	<4.00	NA	**6.8**
	8/25/2021	NA	**328**	**0.395 J**	**0.132**	**0.947 J**	**76.5**	NA					**809**	<4.00	NA	**6.8**
	9/2/2021	NA	**325**	**0.311 J**	**0.105**	<0.0293	**74.7**	NA					**755**	<4.00	NA	**6.8**
	9/8/2021	NA	**272**	**0.442 J**	**0.103**	**0.782 J**	**64.5**	NA					**584**	<4.00	NA	**6.9**
	9/14/2021	NA	**332**	**0.276 J**	**0.103**	**0.776 J**	**98.4**	NA					**660**	<4.00	NA	**7.0**
	9/21/2021	NA	**203**	**0.896**	**0.186**	<0.0293	**32.4**	NA					**419**	<4.00	NA	**6.9**
	9/29/2021	NA	**232**	**0.659**	**0.168**	**0.0819 J**	**40.1**	NA					**505**	<4.00	NA	**6.9**
	10/7/2021	NA	**253**	**0.626**	**0.186**	<0.0293	**58.2**	NA					**567**	<4.00	NA	**6.9**
	10/13/2021	NA	**268**	**0.659**	**0.178**	<0.0293	**62.9**	NA					**564**	<4.00	NA	**8.1**
	10/21/2021	NA	**293**	**0.409 J**	**0.144**	<0.0293	**81.1**	NA					**591**	<4.00	NA	**7.1**
	11/5/2021	NA	**282**	**0.631**	**0.191**	<0.0293	**77.1**	NA					**571**	<4.00	NA	**7.0**
	11/11/2021	NA	**311**	**0.309 J**	**0.258**	<0.0293	**89.9**	NA					**536**	<4.00	NA	**7.1**
	11/18/2021	NA	**172**	**0.741**	**0.151**	<0.0293	**23.1**	NA					**314**	<4.00	NA	**7.4**
	11/24/2021	NA	**267**	**0.429 J**	**0.220**	**0.549**	**81.4**	NA					**502**	<4.00	NA	**6.8**
	12/1/2021	NA	**222**	**0.596**	**0.141**	<0.0293	**61.0**	NA					**390**	<4.00	NA	**7.3**
	12/8/2021	NA	**226**	**0.358 J**	**0.162**	<0.0293	**66.0**	NA					**484**	<4.00	NA	**6.9**
	12/16/2021	NA	**174**	**0.504**	**0.143**	<0.0293	**49.9**	NA					**398**	<4.00	NA	**6.9**
	12/22/2021	NA	**163**	**0.517**	**0.240**	<0.0293	**40.2**	NA					**312**	<4.00	NA	**7.1**
	12/29/2021	NA	**142**	**0.591**	**0.205**	**0.295**	**42.2**	NA					**302**	<4.00	NA	**7.3**
	1/6/2022	NA	**138**	**0.471 J**	**0.180**	<0.0293	**43.2**	NA					**335**	<4.00	NA	**7.0**
	1/12/2022	NA	**149**	**0.491 J**	**0.154**	**0.0428 J**	**42.1**	NA					**326**	<4.00	NA	**6.7**
	1/19/2022	NA	**141**	**0.532**	**0.145**	**0.227**	**45.1**	NA					**324**	<4.00	NA	**7.0**
	1/26/2022	NA	**142**	**0.548**	**0.177**	**0.150**	**44.7**	NA					**282**	<4.00	NA	**7.1**
	2/2/2022	Unable to Sample due to Incliment Weather. Booster Pump for Levey Well Damaged by Freeze.														
	2/8/2022	NA	**189**	**0.631**	**0.0688 J**	**0.358**	**49.6**	NA					**380**	<4.00	NA	**6.9**
	2/16/2022	NA	**151**	**0.712**	**0.0561 J**	**0.344**	**41.5**	NA					**384**	<4.00	NA	**7.1**
	2/25/2022	NA	**171**	**0.739**	**0.125**	**0.156**	**50.3**	NA					**342**	<4.00	NA	**7.1**
	3/3/2022	NA	**158**	**0.531**	**0.198**	**0.181**	**45.9**	NA					**360**	<4.00	NA	**6.9**
	3/9/2022	NA	**148**	**0.454 J**	**0.170**	<0.0293	**45.4**	NA					**323**	<4.00	NA	**7.2**
	3/14/2022	Booster Pump for Levey Well Repaired and Back on Running Full Time.														
	3/16/2022	NA	**145**	**0.546**	**0.147**	<0.0293	**38.1**	NA					**339**	<4.00	NA	**7.0**
	3/24/2022	NA	**147**	**0.610**	<0.0391	<0.0293	**42.9**	NA					**297**	<4.00	NA	**7.2**
	3/31/2022	NA	**143**	**0.568**	**0.164**	<0.0293	**40.4**	NA					**275**	<4.00	NA	**7.1**
	4/6/2022	NA	**133**	**0.677**	**0.186**	<0.0293	**39.7**	NA					**262**	<4.00	NA	**7.1**
	4/13/2022	NA	**129**	**0.767**	<0.0391	<0.0293	**40.9**	NA					**259**	<4.00	NA	**7.6**
	4/20/2022	NA	**173**	**0.574**	**0.152**	**0.176**	**42.4**	NA					**362**	<4.00	NA	**7.0**
	4/28/2022	NA	**136**	**0.608**	**0.0700 J**	**0.0717 J**	**41.7**	NA					**300**	<4.00	NA	**7.5**
	5/5/2022	NA	**118**	**0.746**	<0.0391	**1.75**	**41.1**	NA					**253**	<4.00	NA	**7.2**
	5/10/2022	NA	**116**	**0.709**	**0.0815 J**	<0.0293	**43.9**	NA					**250**	<4.00	NA	**7.2**
	5/19/2022	NA	**106**	**0.643**	**0.0743 J**	**0.199**	**41.0**	NA					**262**	<4.00	NA	**7.1**
	5/26/2022	NA	**98.7**	**0.720**	**0.0777 J**	**0.809**	**44.7**	NA					**256**	<4.00	NA	**7.2**
	6/1/2022	NA	**100**	**0.690**	**0.0629 J**	<0.0293	**46.4**	NA					**240**	<4.00	NA	**7.4**
	6/9/2022	NA	**99.9**	**0.743**	<0.0391	<0.0293	**46.6**	NA					**246**	<4.00	NA	**7.1**
	6/17/2022	NA	**83.5**	**0.710**	**0.146**	**0.275**	**47.9**	NA					**253**	<4.00	NA	**7.3**
	6/23/2022	NA	**83.9**	**0.616**	**0.238**	<0.0293	**47.7**	NA					**258**	<4.00	NA	**7.2**
	6/29/2022	NA	**84.8**	**0.644**	**0.199**	**0.556**	**48.0**	NA					**264**	<4.00	NA	**7.2**
	7/7/2022	NA	**83.7**	**0.660**	**0.0413 J**	**0.0458 J**	**47.7**	NA					**238**	<4.00	NA	**7.4**
	7/13/2022	NA	**91.3**	**0.778**	**0.102**	<0.0293	**49.2**	NA					**253**	<4.00	NA	**7.2**
	7/20/2022	NA	**81.5**	**0.766**	<0.0391	<0.0293	**48.5**	NA					**249**	<4.00	NA	**7.2**
	7/27/2022	NA	**85.8**	**0.766**	**0.0482 J**	<0.0293	**47.2**	NA					**268**	<4.00	NA	**7.7**
	8/4/2022	NA	**77.5**	**0.633**	**0.126**	**0.118**	**43.1**	NA					**253**	<4.00	NA	**7.2**
	8/10/2022	NA	**68.3**	**0.737**	<0.0391	**0.212**	**40.9**	NA					**278**	<4.00	NA	**7.2**
	8/18/2022	NA	**77.7**	**0.752**	**0.0696 J**	**0.154**	**39.4**	NA					**262**	<4.00	NA	**7.0**

ENSOLUM

TABLE 2
GROUNDWATER SAMPLING (General Water Chemistry) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	(mg/L)													%	SU
		Bromide	Chloride	Fluoride	Nitrate as N	Nitrite as N	Sulfate	Calcium	Magnesium	Potassium	Sodium	Total Dissolved Solids	Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Cation-Anion Balance	pH
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**NE**	**250.0**	**1.6**	**10.0**	**1.0**	**NE**	**NE**	**NE**	**NE**	**NE**	**1,000.0**	**NE**	**NE**	**NE**	**6-9**
MW-1	8/24/2022	NA	**92.0**	**0.739**	<0.100	<0.100	**40.8**	NA					**273**	<4.00	NA	**7.2**
	8/31/2022	NA	**85.9**	**0.628**	<0.0391	<0.0293	**36.7**	NA					**277**	<4.00	NA	**7.4**
	9/15/2022	NA	**86.4**	**1.03**	**0.0909 J**	**0.206**	**33.4**	NA					**277**	<4.00	NA	**7.0**
	9/22/2022	NA	**95.8**	**0.585**	**0.518**	<0.0293	**38.4**	NA					**280**	<4.00	NA	**7.3**
	9/28/2022	NA	**91.2**	**0.702**	<0.0391	<0.0293	**32.8**	NA					**285**	<4.00	NA	**7.3**
	10/4/2022	NA	**75.6**	**0.803**	**0.376**	**0.201**	**33.7**	NA					**272**	<4.00	NA	**7.2**
	10/14/2022	NA	**81.0**	**0.807**	**0.360**	**0.195**	**33.1**	NA					**266**	<4.00	NA	**7.3**
	10/19/2022	NA	**136**	<0.100	<0.0391	<0.0293	**19.2**	NA					**283**	<4.00	NA	**7.4**
	10/27/2022	NA	**80.4**	**0.750**	**0.0601 J**	**0.423**	**29.8**	NA					**277**	<4.00	NA	**7.4**
	11/2/2022	NA	**80.0**	**0.681**	**0.120**	**0.154**	**29.8**	NA					**252**	<4.00	NA	**7.2**
	11/9/2022	NA	**81.1**	**0.746**	**0.141**	**0.117**	**32.5**	NA					**294**	<4.00	NA	**7.4**
	11/16/2022	NA	**82.2**	**0.738**	**0.120**	**0.384**	**30.9**	NA					**282**	<4.00	NA	**7.3**
	11/30/2022	NA	**88.1**	**0.602**	**0.140**	**0.141**	**45.4**	NA					**300**	<4.00	NA	**7.3**
	12/9/2022	NA	**83.7**	**0.809**	**0.0610 J**	**0.247**	**44.2**	NA					**309**	<4.00	NA	**7.5**
	12/15/2022	NA	**82.1**	**0.786**	<0.0391	**0.121**	**44.3**	NA					**348**	<4.00	NA	**7.2**
	12/21/2022	NA	**84.4**	**0.676**	**0.0802 J**	<0.0293	**43.6**	NA					**377**	<4.00	NA	**7.3**
	12/29/2022	NA	**77.3**	**0.555**	**0.211**	**0.310**	**33.4**	NA					**409**	<4.00	NA	**7.1**
	1/4/2023	NA	**75.9**	**0.863**	**0.0857 J**	<0.0293	**39.7**	NA					**354**	<4.00	NA	**7.4**
	1/13/2023	NA	**76.2**	**0.600**	**0.208**	**0.266**	**41.1**	NA					**357**	<4.00	NA	**7.2**
	1/19/2023	NA	**82.6**	**0.624**	<0.0391	<0.0293	**49.2**	NA					**340**	<4.00	NA	**7.1**
	1/25/2023	NA	**73.7**	**0.631**	**0.0564 J**	**0.149**	**47.7**	NA					**363**	<4.00	NA	**7.4**
	2/2/2023	NA	**75.4**	**0.670**	**0.223**	**0.196**	**47.2**	NA					**329**	<4.00	NA	**7.1**
	2/8/2023	NA	**84.5**	**0.607**	**0.0542 J**	**0.133**	**54.7**	NA					**360**	<4.00	NA	**7.2**
	2/17/2023	NA	**102**	**0.763**	<0.0391	<0.0293	**65.2**	NA					**432**	<4.00	NA	**7.5**
	2/22/2023	NA	**87.3**	**0.528**	<0.0391	<0.0293	**55.6**	NA					**418**	<4.00	NA	**7.1**
	3/3/2023	NA	**70.8**	**0.703**	**0.0671 J**	**0.0580 J**	**47.8**	NA					**310**	<4.00	NA	**7.2**
	3/8/2023	NA	**94.9**	**0.471 J**	**0.0666 J**	<0.0293	**55.9**	NA					**397**	<4.00	NA	**7.0**
	3/15/2023	NA	**93.9**	**0.636**	<0.0391	<0.0293	**51.0**	NA					**412**	<4.00	NA	**7.1**
	3/23/2023	NA	**92.9**	**0.485 J**	**0.0908 J**	<0.0293	**50.9**	NA					**398**	<4.00	NA	**7.1**
	3/29/2023	NA	**91.6**	**0.619**	<0.0391	**0.293**	**46.7**	NA					**474**	<4.00	NA	**7.1**
	4/6/2023	NA	**99.3**	**0.262 J**	**0.0504 J**	<0.0293	**55.6**	NA					**443**	<4.00	NA	**7.2**
	4/14/2023	NA	**87.6**	**0.748**	**0.0530 J**	<0.0293	**44.5**	NA					**555**	<4.00	NA	**7.4**
	4/26/2023	NA	**95.7**	**0.537**	**0.0898 J**	**0.439**	**53.1**	NA					**539**	<4.00	NA	**7.2**
	5/2/2023	NA	**95.2**	**0.966**	**0.406**	<0.0293	**51.8**	NA					**548**	<4.00	NA	**7.1**
	5/11/2023	NA	**104**	**0.676**	**0.174**	**1.59**	**59.7**	NA					**580**	<4.00	NA	**7.2**
	5/15/2023	NA	**97.6**	**0.859**	<0.0391	**0.998**	**53.6**	NA					**579**	<4.00	NA	**7.0**
	5/25/2023	NA	**86.5**	**0.585**	**0.0886 J**	**0.882**	**31.7**	NA					**687**	<4.00	NA	**7.0**
	5/30/2023	NA	**84.8**	<0.100	**0.432**	**1.32**	**57.2**	NA					**692**	<4.00	NA	**7.0**
	6/9/2023	NA	**96.5**	**0.291 J**	**0.149**	**0.158**	**21.0**	NA					**823**	<4.00	NA	**7.0**
	6/15/2023	NA	**97.7**	**0.451 J**	**0.0846 J**	**0.491**	**43.0**	NA					**667**	<4.00	NA	**6.9**
	6/23/2023	NA	**98.2**	**0.469 J**	**0.0975 J**	**0.178**	**34.8**	NA					**754**	<4.00	NA	**7.3**
	6/26/2023	NA	**94.3**	**0.347 J**	**0.0804 J**	**2.38**	**35.8**	NA					**738**	<4.00	NA	**6.9**
	7/5/2023	NA	**104**	**0.274 J**	**0.0657 J**	**0.904**	**57.9**	NA					**665**	<4.00	NA	**7.2**
	7/13/2023	NA	**104**	**0.270 J**	**0.0760 J**	**2.02**	**45.3**	NA					**738**	<4.00	NA	**6.9**
	7/17/2023	NA	**98.4**	**0.209 J**	**0.0655 J**	<0.0293	**42.6**	NA					**769**	<4.00	NA	**6.9**
	7/27/2023	NA	**101**	**0.536**	**0.183**	**0.701**	**53.2**	NA					**651**	<4.00	NA	**6.9**
	7/31/2023	NA	**108**	**0.415 J**	<0.0391	<0.0293	**61.5**	NA					**685**	<4.00	NA	**7.3**
	8/9/2023	NA	**103**	**0.353 J**	**0.118**	<0.0293	**81.3**	NA					**685**	<4.00	NA	**7.1**
	8/14/2023	NA	**102**	**0.484 J**	**0.0842 J**	**0.305**	**79.5**	NA					**632**	<4.00	NA	**7.7**
	8/23/2023	NA	**116**	**0.532**	**0.0811 J**	**3.69**	**91.0**	NA					**700**	<4.00	NA	**7.1**
	8/28/2023	NA	**98.7**	**0.472 J**	**0.0791 J**	**2.78**	**75.8**	NA					**692**	<4.00	NA	**8.0**
	9/7/2023	NA	**105**	**0.410 J**	<0.0391	**0.869**	**77.8**	NA					**659**	<4.00	NA	**7.0**
	9/13/2023	NA	**121**	**0.560**	<0.0391	<0.0293	**103**	NA					**694**	<4.00	NA	**6.8**
	9/22/2023	NA	**111**	**0.412 J**	**0.119**	**2.43**	**93.6**	NA					**760**	<4.00	NA	**6.9**
	9/25/2023	NA	**112**	**0.540**	<0.0391	**2.13**	**92.3**	NA					**733**	<4.00	NA	**6.8**
	10/2/2023	NA	**112**	**0.724**	**0.150**	<0.0293	**98.9**	NA					**727**	<4.00	NA	**6.8**
	10/9/2023	NA	<0.250	**0.551**	<0.0391	<0.0293	<0.200	NA					**735**	<4.00	NA	**6.8**
	10/17/2023	NA	**117**	**0.312 J**	**0.116**	**0.437**	**110**	NA					**782**	<4.00	NA	**6.8**
	10/23/2023	NA	**114**	**0.505**	<0.0391	<0.0293	**107**	NA					**821**	<4.00	NA	**6.6**
	10/31/2023	NA	**123**	**0.257 J**	**0.0807 J**	**0.783**	**107**	NA					**837**	<4.00	NA	**6.8**
	11/6/2023	NA	**123**	<0.100	**0.0630 J**	**0.551**	**89.6**	NA					**775**	<4.00	NA	**6.8**
	11/16/2023	NA	**119**	**0.211 J**	**0.101**	<0.0293	**106**	NA					**900**	<4.00	NA	**6.6**
	11/20/2023	NA	**123**	**0.406 J**	**0.122**	**1.08**	**105**	NA					**868**	<4.00	NA	**6.9**
	11/27/2023	NA	**135**	**0.428 J**	**0.0887 J**	**0.452**	**124**	NA					**898**	<4.00	NA	**6.9**
	12/8/2023	NA	**130**	**0.351 J**	**0.143**	<0.0293	**115**	NA					**934**	<4.00	NA	**7.0**
	12/11/2023	NA	**137**	**0.358 J**	**0.127**	**0.690**	**123**	NA					**937**	<4.00	NA	**6.8**
	12/18/2023	NA	**132**	**0.327 J**	**0.124**	<0.0293	**111**	NA					**918**	<4.00	NA	**6.8**
	1/2/2024	NA	**134**	**0.427 J**	<0.0391	<0.0293	**110**	NA					**917**	<4.00	NA	**6.7**
	1/10/2024	NA	**125**	**0.417 J**	**0.0869 J**	**0.547**	**122**	NA					**884**	<4.00	NA	**6.7**
	1/15/2024	NA	**136**	<0.100	**0.0651 J**	<0.0293	**124**	NA					**897**	<4.00	NA	**6.4**
	1/25/2024	NA	**128**	**0.508**	**0.125**	<0.0293	**116**	NA					**962**	<4.00	NA	**6.7**
	1/29/2024	NA	**139**	**0.205 J**	**0.121**	<0.0293	**125**	NA					**1,010**	<4.00	NA	**6.7**

ENSOLUM

TABLE 2
GROUNDWATER SAMPLING (General Water Chemistry) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	(mg/L)													%	SU
		Bromide	Chloride	Fluoride	Nitrate as N	Nitrite as N	Sulfate	Calcium	Magnesium	Potassium	Sodium	Total Dissolved Solids	Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Cation-Anion Balance	pH
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**NE**	**250.0**	**1.6**	**10.0**	**1.0**	**NE**	**NE**	**NE**	**NE**	**NE**	**1,000.0**	**NE**	**NE**	**NE**	**6-9**
MW-2	5/26/2020	NA	**106**	**0.341 J**	**1.920**	**0.639**	**120**	NA								**6.32**
	6/30/2020	**0.535**	**115**	<0.500	**1.13**	**0.656**	**111**	**478**	**59.6**	**6.66**	**102**	**1,320**	**1,320**	<4.00	NA	**6.36**
	8/20/2020	**0.603**	**150**	<0.500	**1.10**	**0.439**	**122**	**559**	**73.5**	**7.46**	**102**	**1,700**	**1,350**	<4.00	NA	**6.01**
	10/23/2020	NA	**107**	NA												
	11/24/2020	**0.565**	**180**	**0.172 J**	**1.08**	**0.557**	**136**	**841**	**85.5**	**12.8**	**116**	**1,670**	**1,450**	<4.00	**15.4**	**6.30**
	12/18/2020	NA	**153**	NA				**494**	**64.9**	**6.63**	**98.0**	**1,410**	**1,380**	<4.00	**3.20**	**6.29**
	12/23/2020	**0.621**	**165**	**0.179 J**	**1.11**	**0.639**	**126**	**472**	**65.7**	**5.96**	**101**	**1,810**	**1,430**	<4.00	**0.300**	**6.27**
	12/30/2020	NA	**153**	NA												**6.15**
	1/6/2021	NA	**124**	NA												**6.24**
	1/12/2021	NA	**141**	NA									**1,350**	<4.00	NA	**6.20**
	1/20/2021	NA	**133**	NA									**1,360**	<4.00	NA	**6.12**
	1/27/2021	NA	**140**	NA									**1,360**	<4.00	NA	**6.24**
	2/3/2021	NA	**178**	NA									**1,390**	<4.00	NA	**6.17**
	2/10/2021	NA	**133**	NA									**1,380**	<4.00	NA	**6.19**
	2/24/2021	NA	**146**	NA									**1,370**	<4.00	NA	**6.17**
	3/4/2021	NA	**166**	NA									**1,380**	<4.00	NA	**6.07**
	3/10/2021	NA	**175**	NA									**1,390**	<4.00	NA	**6.14**
	3/17/2021	NA	**163**	NA									**1,400**	<4.00	NA	**5.87**
	3/25/2021	NA	**161**	**0.183 J**	**0.835**	**0.425**	**119**	NA					**1,420**	<4.00	NA	**6.5**
	3/31/2021	NA	**102**	**0.299 J**	**0.714**	**1.13**	**99.9**	NA					**1,330**	<4.00	NA	**6.4**
	4/8/2021	NA	**157**	**0.223 J**	**0.784**	**0.549**	**122**	NA					**1,430**	<4.00	NA	**6.2**
	4/15/2021	NA	**136**	**0.255 J**	**0.711**	**0.683**	**115**	NA					**1,380**	<4.00	NA	**6.1**
	4/21/2021	NA	**114**	**0.157 J**	**0.650**	**0.856**	**101**	NA					**1,340**	<4.00	NA	**6.1**
	4/28/2021	NA	**155**	**0.178 J**	**0.692**	**0.511**	**118**	NA					**1,380**	<4.00	NA	**6.2**
	5/5/2021	NA	**122**	**0.198 J**	**0.704**	**0.609**	**105**	NA					**1,350**	<4.00	NA	**6.3**
	5/13/2021	NA	**104**	**0.199 J**	**0.686**	**1.02**	**98.3**	NA					**1,320**	<4.00	NA	**6.3**
	5/19/2021	NA	**142**	**0.171 J**	**0.633**	**0.435**	**120**	NA					**1,370**	<4.00	NA	**6.2**
	5/27/2021	NA	**147**	**0.206 J**	**0.689**	**0.889**	**120**	NA					**1,260**	<4.00	NA	**6.5**
	6/2/2021	NA	**119**	**0.168 J**	**0.647**	**0.549**	**103**	NA					**1,250**	<4.00	NA	**6.2**
	6/10/2021	NA	**151**	**0.252 J**	**0.714**	**2.77**	**123**	NA					**1,260**	<4.00	NA	**6.1**
	6/16/2021	NA	**118**	**0.205 J**	**0.613**	**1.36**	**104**	NA					**1,208**	<4.00	NA	**6.5**
	6/22/2021	NA	**122**	**0.171 J**	**0.593**	**0.969**	**105**	NA					**1,260**	<4.00	NA	**6.5**
	6/30/2021	NA	**111**	**0.417 J**	**0.633**	**1.37**	**102**	NA					**1,230**	<4.00	NA	**6.4**
	7/1/2021	Levey Well Now Running Full Time														
	7/7/2021	NA	**110**	**0.257 J**	**0.543**	**0.713**	**98.2**	NA					**1,120**	<4.00	NA	**6.4**
	7/14/2021	NA	**187**	**0.233 J**	**0.752**	**0.797**	**124**	NA					**1,350**	<4.00	NA	**6.4**
	7/20/2021	NA	**123**	**0.132 J**	**0.460**	**0.659**	**107**	NA					**1,280**	<4.00	NA	**6.3**
	7/27/2021	NA	**113**	**0.134 J**	**0.607**	**0.516 J**	**100**	NA					**1,250**	<4.00	NA	**6.4**
	8/5/2021	NA	**120**	**0.189 J**	**0.660**	**0.552**	**103**	NA					**1,200**	<4.00	NA	**6.5**
	8/11/2021	NA	**115**	**0.181 J**	**0.624**	**3.02**	**101**	NA					**1,300**	<4.00	NA	**6.3**
	8/19/2021	NA	**122**	**0.104 J**	**0.630**	**1.73**	**104**	NA					**1,290**	<4.00	NA	**6.4**
	8/25/2021	NA	**122**	**0.191 J**	**0.639**	**0.603**	**103**	NA					**1,270**	<4.00	NA	**6.5**
	9/2/2021	NA	**110**	<0.100	**0.536**	**0.595**	**98.1**	NA					**1,320**	<4.00	NA	**6.4**
	9/8/2021	NA	**105**	<0.100	**0.540**	**0.590**	**97.3**	NA					**1,280**	<4.00	NA	**6.4**
	9/14/2021	NA	**124**	<0.100	**0.542**	**0.386**	**107**	NA					**1,270**	<4.00	NA	**6.4**
	9/21/2021	NA	**90.5**	**0.426 J**	**0.638**	**1.04**	**89.1**	NA					**1,250**	<4.00	NA	**6.3**
	9/29/2021	NA	**133**	**0.245 J**	**0.631**	**0.982**	**117**	NA					**1,300**	<4.00	NA	**6.4**
	10/7/2021	NA	**108**	**0.201 J**	**0.581**	**0.564**	**96.6**	NA					**1,280**	<4.00	NA	**6.4**
	10/13/2021	NA	**178**	**0.140 J**	**0.734**	**0.507**	**131**	NA					**1,320**	<4.00	NA	**6.5**
	10/21/2021	NA	**102**	**0.133 J**	**0.635**	**0.787**	**93.3**	NA					**1,270**	<4.00	NA	**6.5**
	11/5/2021	NA	**141**	**0.363 J**	<0.0391	**0.454**	**108**	NA					**1,250**	<4.00	NA	**6.6**
	11/11/2021	NA	**115**	<0.100	**0.677**	**0.374**	**97.6**	NA					**1,240**	<4.00	NA	**6.5**
	11/18/2021	NA	**103**	<0.100	**0.600**	**1.28**	**98.1**	NA					**1,140**	<4.00	NA	**6.6**
	11/24/2021	NA	**163**	<0.500	**0.680**	**0.539**	**127**	NA					**1,500**	<4.00	NA	**6.3**
	12/1/2021	NA	**120**	**0.148 J**	**0.604**	**0.511**	**103**	NA					**1,240**	<4.00	NA	**6.9**
	12/8/2021	NA	**188**	<0.100	**0.759**	**0.684**	**123**	NA					**1,250**	<4.00	NA	**6.3**
	12/16/2021	NA	**134**	<0.100	**0.529**	<0.0293	**113**	NA					**1,180**	<4.00	NA	**6.3**
	12/22/2021	NA	**163**	<0.100	**0.670**	**0.462**	**122**	NA					**1,280**	<4.00	NA	**6.4**
	12/29/2021	NA	**210**	<0.100	**1.02**	**0.415**	**115**	NA					**1,280**	<4.00	NA	**6.3**
	1/6/2022	NA	**106**	<0.100	**0.559**	**0.746**	**97.5**	NA					**1,300**	<4.00	NA	**6.4**
	1/12/2022	NA	**73.9**	**0.288 J**	**0.506**	**1.47**	**92.2**	NA					**1,150**	<4.00	NA	**6.2**
	1/19/2022	NA	**120**	<0.100	**0.591**	**0.757**	**104**	NA					**1,290**	<4.00	NA	**6.1**
	1/26/2022	NA	**120**	<0.100	**0.592**	**0.608**	**100**	NA					**1,270**	<4.00	NA	**6.1**
	2/2/2022	Unable to Sample due to Incliment Weather. Booster Pump for Levey Well Damaged by Freeze.														
	2/8/2022	NA	**148**	**0.156 J**	**0.683**	**1.03**	**125**	NA					**1,290**	<4.00	NA	**6.1**
	2/16/2022	NA	**186**	**0.409 J**	**0.809**	**0.338**	**113**	NA					**1,320**	<4.00	NA	**6.2**
	2/25/2022	NA	**133**	**0.704**	**0.536**	**0.647**	**154**	NA					**1,280**	<4.00	NA	**6.3**
	3/3/2022	NA	**126**	<0.100	**0.776**	**0.992**	**112**	NA					**1,360**	<4.00	NA	**6.1**
	3/9/2022	NA	**167**	<0.100	**0.789**	**2.12**	**133**	NA					**1,330**	<4.00	NA	**6.2**
	3/14/2022	Booster Pump for Levey Well Repaired and Back on Running Full Time.														
	3/16/2022	NA	**165**	<0.100	**0.890**	**1.47**	**135**	NA					**1,350**	<4.00	NA	**6.2**
	3/24/2022	NA	**140**	<0.100	<0.0391	**0.389**	**120**	NA					**1,320**	<4.00	NA	**6.3**
	3/31/2022	NA	**150**	<0.100	<0.0391	**1.65**	**106**	NA					**1,340**	<4.00	NA	**6.3**
	4/6/2022	NA	**130**	**0.175 J**	**0.619**	**1.60**	**111**	NA					**1,360**	<4.00	NA	**6.2**
	4/13/2022	NA	**135**	**0.271 J**	**0.589**	**1.67**	**108**	NA					**1,380**	<4.00	NA	**6.5**
	4/20/2022	NA	**198**	**0.174 J**	**0.966**	**0.722**	**121**	NA					**1,330**	<4.00	NA	**6.4**
	4/28/2022	NA	**156**	**0.172 J**	**0.711**	**0.434**	**118**	NA					**1,380**	<4.00	NA	**6.4**
	5/5/2022	NA	**116**	**0.229 J**	**0.586**	**11.5**	**112**	NA					**1,330**	<4.00	NA	**6.3**
	5/10/2022	NA	**134**	**0.230 J**	**0.548**	**1.83**	**120**	NA					**1,320**	<4.00	NA	**6.3**
	5/19/2022	NA	**133**	**0.116 J**	<0.0391	**0.373**	**118**	NA					**1,380**	<4.00	NA	**6.2**
	5/26/2022	NA	**107**	**0.196 J**	**0.392**	**1.14**	**104**	NA					**1,320**	<4.00	NA	**6.0**
	6/1/2022	NA	**130**	**0.107 J**	**0.481**	**1.47**	**116**	NA					**1,340**	<4.00	NA	**6.3**
	6/9/2022	NA	**103**	<0.100	**0.330**	**0.236**	**103**	NA					**1,320**	<4.00	NA	**6.2**
	6/17/2022	NA	**99.0**	**0.213 J**	**0.395**	**0.702**	**102**	NA					**1,290**	<4.00	NA	**6.4**
	6/23/2022	NA	**109**	<0.100	**0.494**	**5.21**	**107**	NA					**1,270**	<4.00	NA	**6.3**
	6/29/2022	NA	**82.6**	**0.111 J**	**0.351**	**0.827**	**89.7**	NA					**1,330**	<4.00	NA	**6.2**
	7/7/2022	NA	**107**	**0.141 J**	**0.399**	**0.440**	**98.3**	NA					**1,300**	<4.00	NA	**6.4**
	7/13/2022	NA	**95.3**	**0.262 J**	**0.306**	**1.23**	**100**	NA					**1,280**	<4.00	NA	**6.2**
	7/20/2022	NA	**134**	<0.100	**0.485**	**1.46**	**122**	NA					**1,360**	<4.00	NA	**6.3**
	7/27/2022	NA	**101**	<0.100	**0.403**	**3.86**	**105**	NA					**1,340**	<4.00	NA	**6.4**
	8/4/2022	NA	**107**	**0.112 J**	**0.451**	**0.477**	**99.9**	NA					**1,250**	<4.00	NA	**6.2**
	8/10/2022	NA	**89.4**	**0.189 J**	**0.189**	**0.210**	**97.2**	NA					**1,260**	<4.00	NA	**6.3**
	8/18/2022	NA	**99.1**	**0.122 J**	**0.333**	**0.303**	**100**	NA					**1,280**	<4.00	NA	**6.3**
	8/24/2022	NA	**110**	**0.172 J**	**0.282**	**0.427**	**103**	NA					**1,290**	<4.00	NA	**6.3**

ENSOLUM

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GROUNDWATER SAMPLING (General Water Chemistry) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001 / 03B1417002

Sample Designation	Date	(mg/L)													%	SU
		Bromide	Chloride	Fluoride	Nitrate as N	Nitrite as N	Sulfate	Calcium	Magnesium	Potassium	Sodium	Total Dissolved Solids	Alkalinity, Bicarbonate (as CaCO3)	Alkalinity, Carbonate (as CaCO3)	Cation-Anion Balance	pH
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**NE**	**250.0**	**1.6**	**10.0**	**1.0**	**NE**	**NE**	**NE**	**NE**	**NE**	**1,000.0**	**NE**	**NE**	**NE**	**6-9**
MW-2	8/31/2022	NA	**94.8**	<0.100	**0.175**	**0.238**	**94.4**	NA					**1,280**	<4.00	NA	**6.3**
	9/15/2022	NA	**94.4**	**0.538**	**0.232**	**2.31**	**98.7**	NA					**1,320**	<4.00	NA	**6.3**
	9/22/2022	NA	**94.4**	**0.260 J**	**0.650**	**0.481**	**105**	NA					**1,320**	<4.00	NA	**6.3**
	9/28/2022	NA	**91.2**	**0.498 J**	**0.261**	<0.0293	**92.5**	NA					**1,280**	<4.00	NA	**6.3**
	10/4/2022	NA	**88.9**	**0.143 J**	**0.497**	**0.189**	**97.0**	NA					**1,320**	<4.00	NA	**6.2**
	10/14/2022	NA	**82.6**	**0.101 J**	<0.0391	**0.0760 J**	**84.6**	NA					**1,320**	<4.00	NA	**6.2**
	10/19/2022	NA	**51.2**	<0.100	**0.101**	<0.0293	**48.5**	NA					**1,290**	<4.00	NA	**6.5**
	10/27/2022	NA	**124**	**0.165 J**	**0.319**	**0.871**	**104**	NA					**1,340**	<4.00	NA	**6.3**
	11/2/2022	NA	**91.1**	**0.148 J**	**0.221**	**0.947**	**92.9**	NA					**1,330**	<4.00	NA	**6.2**
	11/9/2022	NA	**97.8**	**0.161 J**	**0.273**	**0.366**	**101**	NA					**1,430**	<4.00	NA	**6.4**
	11/16/2022	NA	**86.0**	**0.180 J**	**0.206**	**0.579**	**91.4**	NA					**1,300**	<4.00	NA	**6.6**
	11/30/2022	NA	**90.4**	**0.133 J**	**0.264**	**0.168**	**91.1**	NA					**1,300**	<4.00	NA	**6.4**
	12/9/2022	NA	**78.0**	**0.158 J**	**0.217**	**0.785**	**82.5**	NA					**1,290**	<4.00	NA	**6.4**
	12/15/2022	NA	**100**	**0.120 J**	**0.331**	**1.64**	**91.2**	NA					**1,140**	<4.00	NA	**6.2**
	12/21/2022	NA	**94.8**	**0.212 J**	**0.252**	**1.16**	**99.5**	NA					**1,270**	<4.00	NA	**6.3**
	12/29/2022	NA	**124**	**0.114 J**	**0.527**	**0.338**	**95.6**	NA					**1,250**	<4.00	NA	**6.5**
	1/4/2023	NA	**92.6**	**0.126 J**	**0.318**	**1.23**	**88.2**	NA					**1,140**	<4.00	NA	**6.4**
	1/13/2023	NA	**72.6**	**0.112 J**	**0.227**	**0.381**	**81.1**	NA					**1,210**	<4.00	NA	**6.4**
	1/19/2023	NA	**96.5**	**0.135 J**	**0.185**	**0.320**	**96.7**	NA					**1,270**	<4.00	NA	**6.2**
	1/25/2023	NA	**83.2**	**0.133 J**	**0.128**	**0.416**	**87.9**	NA					**1,110**	<4.00	NA	**6.5**
	2/2/2023	NA	**80.8**	<0.100	**0.273**	**0.334**	**84.7**	NA					**1,180**	<4.00	NA	**6.2**
	2/8/2023	NA	**89.2**	<0.100	**0.180**	**0.392**	**92.3**	NA					**1,300**	<4.00	NA	**6.3**
	2/17/2023	NA	**89.9**	**0.226 J**	**0.194**	**0.178**	**96.2**	NA					**1,300**	<4.00	NA	**6.4**
	2/22/2023	NA	**98.9**	**0.113 J**	**0.606**	**0.162**	**70.9**	NA					**1,310**	<4.00	NA	**6.1**
	3/3/2023	NA	**130**	<0.100	**0.450**	**0.204**	**95.4**	NA					**1,200**	<4.00	NA	**6.2**
	3/8/2023	NA	**86.9**	<0.100	**0.139**	**0.239**	**94.5**	NA					**1,230**	<4.00	NA	**6.3**
	3/15/2023	NA	**89.8**	<0.100	**0.190**	**0.389**	**95.7**	NA					**1,190**	<4.00	NA	**6.2**
	3/23/2023	NA	**74.9**	**0.138 J**	**0.107**	**0.208**	**88.5**	NA					**1,250**	<4.00	NA	**6.3**
	3/29/2023	NA	**81.8**	<0.100	**0.150**	**0.975**	**90.9**	NA					**1,250**	<4.00	NA	**6.2**
	4/6/2023	NA	**83.9**	<0.100	**0.112**	<0.0293	**91.2**	NA					**1,300**	<4.00	NA	**6.5**
	4/14/2023	NA	**154**	**0.533**	**0.577**	<0.0293	**99.0**	NA					**1,380**	<4.00	NA	**6.8**
	4/26/2023	NA	**78.7**	<0.100	**0.194**	**1.49**	**89.3**	NA					**1,320**	<4.00	NA	**6.4**
	5/2/2023	NA	**78.4**	<0.100	**0.508**	**0.464**	**94.5**	NA					**1,310**	<4.00	NA	**6.3**
	5/11/2023	NA	**90.3**	**0.159 J**	**1.62**	**0.427**	**92.1**	NA					**1,280**	<4.00	NA	**6.4**
	5/15/2023	NA	**77.7**	<0.100	**0.886**	**0.245**	**86.7**	NA					**1,210**	<4.00	NA	**6.3**
	5/25/2023	NA	**74.3**	**0.113 J**	**0.166**	**1.47**	**81.9**	NA					**1,330**	<4.00	NA	**6.3**
	5/30/2023	NA	**77.2**	<0.100	**0.551**	**0.721**	**92.1**	NA					**1,340**	<4.00	NA	**6.3**
	6/9/2023	NA	**73.4**	**0.129 J**	**0.245**	**0.720**	**87.1**	NA					**1,310**	<4.00	NA	**6.4**
	6/15/2023	NA	**78.0**	**0.172 J**	**0.197**	**1.01**	**89.6**	NA					**1,310**	<4.00	NA	**6.4**
	6/23/2023	NA	**99.1**	**0.463 J**	**0.110**	**0.318**	**38.7**	NA					**788**	<4.00	NA	**7.4**
	6/26/2023	NA	**76.0**	<0.100	**0.162**	**6.73**	**90.5**	NA					**1,340**	<4.00	NA	**6.4**
	7/5/2023	NA	**72.5**	<0.100	**0.135**	**4.20**	**87.1**	NA					**1,290**	<4.00	NA	**6.4**
	7/13/2023	NA	**77.8**	<0.100	**0.119**	**3.29**	**96.3**	NA					**1,310**	<4.00	NA	**6.4**
	7/17/2023	NA	**74.1**	**0.478 J**	**0.126**	<0.0293	**103**	NA					**1,280**	<4.00	NA	**6.3**
	7/27/2023	NA	**75.4**	**0.181 J**	**0.217**	**1.38**	**88.6**	NA					**1,270**	<4.00	NA	**6.3**
	7/31/2023	NA	**71.5**	<0.100	<0.0391	**0.450**	**94.9**	NA					**1,330**	<4.00	NA	**6.8**
	8/9/2023	NA	**82.0**	<0.100	**0.278**	**0.497**	**109**	NA					**1,350**	<4.00	NA	**6.4**
	8/14/2023	NA	**76.3**	**0.171 J**	**0.149**	**0.523**	**99.6**	NA					**1,320**	<4.00	NA	**6.8**
	8/23/2023	NA	**77.0**	**0.148 J**	**0.201**	**7.57**	**86.5**	NA					**1,340**	<4.00	NA	**6.5**
	8/28/2023	NA	**69.5**	**0.107 J**	**0.229**	**5.53**	**79.4**	NA					**1,340**	<4.00	NA	**7.2**
	9/7/2023	NA	**65.9**	**0.182 J**	**0.234**	**0.584**	**81.0**	NA					**1,250**	<4.00	NA	**6.3**
	9/13/2023	NA	**77.6**	<0.100	**0.276**	**0.0903 J**	**98.8**	NA					**1,230**	<4.00	NA	**6.6**
	9/22/2023	NA	**76.5**	<0.100	**0.329**	**4.90**	**85.8**	NA					**1,300**	<4.00	NA	**6.2**
	9/25/2023	NA	**68.2**	<0.100	**0.170**	**4.04**	**77.3**	NA					**1,230**	<4.00	NA	**6.3**
	10/2/2023	NA	**73.0**	**0.354 J**	**0.340**	**0.380**	**88.8**	NA					**1,290**	<4.00	NA	**6.2**
	10/9/2023	NA	**70.2**	**0.214 J**	**0.251**	**1.52**	**84.8**	NA					**1,260**	<4.00	NA	**6.2**
	10/17/2023	NA	**75.4**	<0.100	**0.297**	**1.17**	**90.3**	NA					**1,330**	<4.00	NA	**6.2**
	10/23/2023	NA	**90.7**	<0.100	**0.262**	**0.877**	**101**	NA					**1,300**	<4.00	NA	**6.1**
	10/31/2023	NA	**69.4**	<0.100	**0.171**	**0.856**	**88.5**	NA					**1,080**	<4.00	NA	**6.3**
	11/6/2023	NA	**74.9**	<0.100	**0.323**	**1.31**	**23.8**	NA					**1,180**	<4.00	NA	**6.2**
	11/16/2023	NA	**62.5**	<0.100	**0.258**	**0.49**	**80.7**	NA					**1,300**	<4.00	NA	**6.2**
	11/20/2023	NA	**165**	<0.100	**0.848**	**1.06**	**95.2**	NA					**1,470**	<4.00	NA	**6.5**
	11/27/2023	NA	**77.6**	**0.213 J**	**0.270**	**1.58**	**88.0**	NA					**1,330**	<4.00	NA	**6.2**
	12/8/2023	NA	**136**	**0.139 J**	**0.542**	**0.521**	**105**	NA					**1,330**	<4.00	NA	**6.5**
	12/11/2023	NA	**77.6**	<0.100	**0.339**	**0.631**	**84.6**	NA					**1,300**	<4.00	NA	**6.3**
	12/18/2023	NA	**69.2**	<0.100	**0.242**	**0.376**	**78.9**	NA					**1,290**	<4.00	NA	**6.3**
	1/2/2024	NA	**72.9**	**0.173 J**	**0.302**	**0.345**	**81.5**	NA					**1,320**	<4.00	NA	**6.2**
	1/10/2024	NA	**119**	**0.137 J**	**0.477**	**1.35**	**96.5**	NA					**1,390**	<4.00	NA	**6.2**
	1/15/2024	NA	**73.4**	**0.554**	**0.173**	<0.0293	**85.8**	NA					**1,290**	<4.00	NA	**6.0**
	1/25/2024	NA	**69.5**	**0.211 J**	**0.369**	**1.10**	**84.0**	NA					**1,360**	<4.00	NA	**6.4**
	1/29/2024	NA	**71.5**	<0.100	**0.272**	**0.640**	**90.8**	NA					**1,290**	<4.00	NA	**6.2**

NOTES:
SU - standard units
mg/L - milligrams per Liter
NE - not established
NA - not analyzed
J - The target analyte was positively identified below the quantitation limit and above the detection limit.
Concentrations highlighted in yellow exceed the NMAC Human Health Standards

ENSOLUM

TABLE 3
GROUNDWATER SAMPLING (Additional Parameters) ANALYTICAL DATA SUMMARY
South Hobbs G/SA Unit
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417002

Sample Designation	Date	(mg/L)						°C
		Sulfide	Carbon Dioxide (Free)	TPH GRO	TPH DRO	TPH ORO	Total TPH	Temperature
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		NE	NE	NE	NE	NE	NE	NE
MW-1	5/26/2020	<0.495	**163**	<0.943	**1.48**	<0.910	**1.48**	**22.9**
	6/30/2020	<5.00	**648**	<2.34	<2.34	<2.34	<2.34	**21.9**
	8/20/2020	<5.00	**596**	**2.35**	**3.18**	<2.26	**5.53**	**23.7**
	11/24/2020	<0.495	**756**	<0.907	<0.838	<0.838	<0.8380	**19.1**
	12/18/2020	<0.495	**432**	<0.909	<0.840	<0.840	<0.840	**15.8**
	12/23/2020	<0.495	**553**	<0.895	**1.81 J**	<0.827	**1.81 J**	**15.5**
	12/30/2020	<0.495	**1,170**	<0.917	<0.847	<0.847	<0.847	**13.1**
	1/6/2021	<0.495	**585**	<0.897	<0.829	<0.829	<0.829	**12.7**
	1/12/2021	<0.495	**731**	<0.891	<0.823	<0.823	<0.823	**14.6**
	1/20/2021	**0.600 J**	**667**	<0.889	<0.821	<0.821	<0.821	**17.6**
	1/27/2021	**0.800 J**	**668**	<0.909	<0.840	<0.840	<0.840	**18.0**
	2/3/2021	<0.495	**699**	<0.907	<0.838	<0.838	<0.838	**20.6**
	2/10/2021	**1.20 J**	**423**	**1.66 J**	<0.828	<0.828	**1.66 J**	**14.1**
	2/24/2021	**0.600 J**	**448**	<0.884	<0.817	<0.817	<0.817	**18.0**
	3/4/2021	<0.495	**515**	**3.04**	**1.03 J**	<0.846	**4.07**	**18.8**
	3/10/2021	**1.20 J**	**499**	<0.878	<0.811	<0.811	<0.811	**18.6**
	3/17/2021	<0.495	**378**	<0.886	<0.819	<0.819	<0.819	**19.1**
	3/25/2021	<0.495	**333**	**17.2**	**1.00 J**	<0.867	**18.2**	**20.2**
	3/31/2021	<0.495	**526**	<0.893	<0.825	<0.825	<0.825	**18.4**
	4/8/2021	<0.495	**364**	**2.57 J**	**1.55 J**	<0.867	**4.12 J**	**18.9**
	4/15/2021	<0.495	**418**	<0.887	<0.887	**1.72 J**	**1.72 J**	**20.5**
	4/21/2021	<0.495	**415**	<0.898	**2.05 J**	<0.867	**2.05 J**	**18.8**
	4/28/2021	<0.495	**689**	<0.890	**1.19 J**	<0.859	**1.19 J**	**18.9**
	5/5/2021	<0.495	**647**	<0.890	<0.890	<0.859	<0.890	**18.8**
	5/13/2021	<0.495	**259**	<0.893	<0.893	<0.862	<0.893	**19.0**
	5/19/2021	<0.495	**679**	<0.893	<0.893	<0.862	<0.893	**21.5**
	5/27/2021	<0.495	**973**	<0.923	<0.923	<0.891	<0.923	**20.6**
	6/2/2021	<0.495	**619**	<0.918	<0.918	<0.886	<0.918	**18.1**
	6/10/2021	<0.495	**385**	<0.915	<0.915	<0.883	<0.915	**22.0**
	6/16/2021	<0.495	**323**	<0.926	<0.926	<0.894	<0.926	**18.2**
	6/22/2021	<0.495	**250**	<0.938	<0.938	<0.905	<0.938	**22.1**
	6/30/2021	<0.495	**324**	<0.923	<0.923	<0.891	<0.923	**21.0**
	7/1/2021	Levey Well Now Running Full Time						
	7/7/2021	<0.495	**241**	<0.901	<0.901	<0.869	<0.901	**18.4**
	7/14/2021	<0.495	**295**	<0.991	<0.957	<0.991	<0.991	**19.0**
	7/20/2021	<0.495	**321**	<0.938	<0.938	<0.905	<0.938	**19.8**
	7/27/2021	<0.495	**321**	<0.906	<0.906	<0.875	<0.906	**22.0**
	8/5/2021	<0.495	**196**	<0.950	<0.950	<0.917	<0.950	**21.9**
	8/11/2021	<0.495	**369**	<0.932	<0.932	<0.900	<0.932	**19.9**
	8/19/2021	<0.495	**457**	<0.950	<0.950	<0.917	<0.950	**20.8**
	8/25/2021	<0.495	**477**	<0.918	<0.918	<0.886	<0.918	**20.0**
	9/2/2021	<0.495	**416**	<0.935	<0.935	<0.902	<0.935	**20.6**
	9/8/2021	<0.495	**280**	<0.953	<0.953	<0.920	<0.953	**21.4**
	9/14/2021	<0.495	**289**	<0.932	**0.978 J**	<0.900	**0.978 J**	**19.3**
	9/21/2021	**1.00 J**	**105**	<0.918	<0.918	<0.886	<0.918	**18.0**
	9/29/2021	<0.495	**127**	<0.998	<0.998	<0.963	<0.998	**18.7**
	10/7/2021	<0.495	**143**	<0.923	<0.923	<0.891	<0.923	**18.0**
	10/13/2021	<0.495	**8.85**	<0.950	<0.950	<0.917	<0.950	**20.7**
	10/21/2021	<0.495	**434**	<0.918	<0.918	<0.886	<0.918	**19.9**
	11/5/2021	<0.495	**114**	<1.03	<1.03	<0.993	<1.03	**22.9**
	11/11/2021	<0.495	**563**	<0.923	<0.923	<0.891	<0.923	**19.3**
	11/18/2021	<0.495	**24.9**	**1.05 J**	<0.969	<0.935	**1.05 J**	**19.0**
	11/24/2021	<5.00	**159**	<4.70	<4.70	<4.70	<4.70	**19.7**
	12/1/2021	<0.495	**39.0**	<0.935	<0.935	<0.902	<0.935	**19.4**
	12/8/2021	<0.495	**122**	<0.929	<0.929	<0.897	<0.929	**18.1**
	12/16/2021	<0.495	**69.3**	<0.962	<0.962	<0.929	<0.962	**18.0**
	12/22/2021	<0.495	**49.5**	**1.34 J**	<0.941	<0.908	**1.34 J**	**21.5**
	12/29/2021	<0.495	**50.2**	<0.935	<0.935	<0.902	<0.935	**18.1**
	1/6/2022	<0.495	**67.0**	<0.932	<0.932	<0.900	<0.932	**18.0**
	1/12/2022	<0.495	**130**	**0.960 J**	**1.06 J**	<0.900	**2.02 J**	**21.7**
	1/19/2022	<0.495	**56.4**	<0.912	<0.912	<0.880	<0.912	**18.0**
	1/26/2022	<0.495	**44.7**	<0.898	<0.898	<0.867	<0.898	**18.8**
	2/2/2022	Unable to Sample due to Incliment Weather. Booster Pump for Levey Well Damaged by Freeze.						

ENSOLUM

TABLE 3
GROUNDWATER SAMPLING (Additional Parameters) ANALYTICAL DATA SUMMARY
South Hobbs G/SA Unit
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417002

Sample Designation	Date	(mg/L)						°C
		Sulfide	Carbon Dioxide (Free)	TPH GRO	TPH DRO	TPH ORO	Total TPH	Temperature
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
MW-1	2/8/2022	<0.495	**95.7**	<0.895	<0.895	<0.864	<0.895	**20.8**
	2/16/2022	<0.495	**61.0**	<0.877	<0.877	<0.846	<0.877	**18.7**
	2/25/2022	<0.495	**54.2**	<0.923	<0.923	<0.891	<0.923	**20.0**
	3/3/2022	<0.495	**90.5**	<0.935	<0.935	<0.902	<0.935	**18.2**
	3/9/2022	<0.495	**40.7**	<0.874	<0.874	<0.874	<0.874	**18.1**
	3/14/2022	Booster Pump for Levey Well Repaired and Back on Running Full Time.						
	3/16/2022	<0.495	**67.6**	<0.959	<0.959	<0.959	<0.959	**18.1**
	3/24/2022	<0.495	**37.5**	<0.901	<0.901	<0.869	<0.901	**18.9**
	3/31/2022	<0.495	**43.7**	<0.926	<0.926	<0.894	<0.926	**19.0**
	4/6/2022	<0.495	**41.6**	<0.926	<0.926	<0.894	<0.926	**18.1**
	4/13/2022	<0.495	**13.0**	<0.918	<0.918	<0.886	<0.918	**19.0**
	4/20/2022	<0.495	**72.4**	<0.904	<0.904	<0.872	<0.904	**18.3**
	4/28/2022	<0.495	**18.9**	<0.890	<0.890	<0.859	<0.890	**19.9**
	5/5/2022	<0.495	**31.8**	<0.912	<0.912	<0.880	<0.912	**19.5**
	5/10/2022	**1.20 J**	**31.5**	<0.985	<0.985	<0.950	<0.985	**16.7**
	5/19/2022	**0.600 J**	**41.5**	<0.926	<0.926	<0.894	<0.926	**20.3**
	5/26/2022	**1.00 J**	**32.2**	<0.920	<0.920	<0.888	<0.920	**18.0**
	6/1/2022	**0.800 J**	**19.0**	<0.926	<0.926	<0.894	<0.926	**20.5**
	6/9/2022	**0.600 J**	**24.6**	<0.962	<0.962	<0.929	<0.962	**20.3**
	6/17/2022	<0.495	**21.1**	<0.918	<0.918	<0.886	<0.918	**18.3**
	6/23/2022	**0.800 J**	**32.5**	<0.932	<0.932	<0.900	<0.932	**18.0**
	6/29/2022	**1.00 J**	**33.2**	**0.954 J**	<0.923	<0.891	**0.954 J**	**15.8**
	7/7/2022	**0.600 J**	**22.2**	<0.947	<0.947	<0.914	<0.947	**23.1**
	7/13/2022	<0.495	**31.9**	<0.950	<0.950	<0.917	<0.950	**20.6**
	7/20/2022	<0.495	**31.4**	<0.959	<0.959	<0.926	<0.959	**20.0**
	7/27/2022	<0.495	**10.6**	<0.904	<0.904	<0.872	<0.904	**17.6**
	8/4/2022	**0.800 J**	**31.9**	<0.906	<0.906	<0.875	<0.906	**19.2**
	8/10/2022	**1.00 J**	**35.0**	<0.929	<0.929	<0.897	<0.929	**19.8**
	8/18/2022	<0.495	**52.4**	<1.04	<1.04	<1.00	<1.04	**20.7**
	8/24/2022	**1.40 J**	**34.4**	<4.78	<4.78	<4.78	<4.78	**18.2**
	8/31/2022	**1.20 J**	**22.0**	<0.932	<0.932	<0.900	<0.932	**19.9**
	9/15/2022	**0.800 J**	**55.4**	<0.988	<0.988	<0.954	<0.988	**18.6**
	9/22/2022	<0.495	**28.0**	<0.944	<0.944	<0.911	<0.944	**21.0**
	9/28/2022	**1.20 J**	**28.5**	<0.956	<0.956	<0.923	<0.956	**17.9**
	10/4/2022	**0.800 J**	**34.2**	<0.895	<0.895	<0.864	<0.895	**17.8**
	10/14/2022	**1.20 J**	**26.6**	<0.935	<0.935	<0.902	<0.935	**18.7**
	10/19/2022	<0.495	**22.4**	<0.981	<0.981	<0.947	<0.981	**18.4**
	10/27/2022	<0.495	**22.0**	<1.00	<1.00	<0.968	<1.00	**25.0**
	11/2/2022	<0.495	**31.7**	<0.972	<0.972	<0.938	<0.972	**25.0**
	11/9/2022	<0.495	**33.0**	<0.972	<0.972	<0.938	<0.972	**21.4**
	11/16/2022	<0.495	**28.2**	<1.00	<1.00	<0.970	<1.00	**18.0**
	11/30/2022	<0.495	**30.0**	<0.915	<0.915	<0.883	<0.915	**18.5**
	12/9/2022	<0.495	**19.5**	<1.00	<1.00	<0.970	<1.00	**17.1**
	12/15/2022	<0.495	**43.9**	<0.918	<0.918	<0.886	<0.918	**15.7**
	12/21/2022	<0.495	**37.8**	<0.890	<0.890	<0.859	<0.890	**15.8**
	12/29/2022	<0.495	**64.9**	<0.938	<0.938	<0.905	<0.938	**16.7**
	1/4/2023	<0.495	**28.1**	<0.923	<0.923	<0.891	<0.923	**15.9**
	1/13/2023	<0.495	**45.0**	<0.935	<0.935	<0.902	<0.935	**13.8**
	1/19/2023	**0.800 J**	**53.9**	<0.918	<0.918	<0.886	<0.918	**16.0**
	1/25/2023	<0.495	**28.9**	<1.00	<1.00	<0.966	<1.00	**19.5**
	2/2/2023	<0.495	**52.2**	<0.978	<0.978	<0.944	<0.978	**18.6**
	2/8/2023	<0.495	**45.3**	<0.969	<0.969	<0.935	<0.969	**16.9**
	2/17/2023	<0.495	**27.2**	<0.938	<0.938	<0.905	<0.938	**20.0**
	2/22/2023	<0.495	**66.3**	<0.906	<0.906	<0.875	<0.906	**18.7**
	3/3/2023	<0.495	**39.0**	<0.893	<0.893	<0.862	<0.893	**17.5**
	3/8/2023	<0.495	**79.3**	<1.01	<1.01	<0.976	<1.01	**18.6**
	3/15/2023	<0.495	**65.4**	**1.34 J**	<1.01	<0.976	**1.34 J**	**14.1**
	3/23/2023	<0.495	**63.2**	<0.938	<0.938	<0.905	<0.938	**18.2**
	3/29/2023	<0.495	**75.1**	<0.947	<0.947	<0.914	<0.947	**15.9**
	4/6/2023	<0.495	**55.8**	<0.920	<0.920	<0.888	<0.920	**15.8**
	4/14/2023	<0.495	**44.1**	<0.909	<0.909	<0.877	<0.909	**18.8**
	4/26/2023	<0.495	**67.9**	<0.981	<0.981	<0.947	<0.981	**19.8**
	5/2/2023	<0.495	**86.9**	<0.935	<0.935	<0.902	<0.935	**18.2**

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TABLE 3
GROUNDWATER SAMPLING (Additional Parameters) ANALYTICAL DATA SUMMARY
South Hobbs G/SA Unit
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417002

Sample Designation	Date	(mg/L)						°C
		Sulfide	Carbon Dioxide (Free)	TPH GRO	TPH DRO	TPH ORO	Total TPH	Temperature
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
MW-1	5/11/2023	<0.495	**73.0**	<0.912	<0.912	<0.880	<0.912	**18.1**
	5/15/2023	<0.495	**116**	<0.920	<0.920	<0.888	<0.920	**16.4**
	5/25/2023	<0.495	**137**	<0.935	<0.935	<0.902	<0.935	**17.6**
	5/30/2023	<0.495	**693**	<0.944	<0.944	<0.911	<0.944	**18.4**
	6/9/2023	<0.495	**165**	<0.941	**2.21 J**	<0.908	**2.21 J**	**19.1**
	6/15/2023	<0.495	**168**	<0.935	<0.935	<0.902	<0.935	**20.2**
	6/23/2023	<0.495	**75.4**	<0.991	<0.991	<0.957	<0.991	**20.2**
	6/26/2023	<0.495	**186**	<0.920	<0.920	<0.888	<0.920	**20.3**
	7/5/2023	<0.0400	**83.7**	<1.03	<1.03	<0.993	<1.03	**20.5**
	7/13/2023	<0.0400	**186**	<0.965	<0.965	<0.932	<0.965	**20.6**
	7/17/2023	<0.0400	**193**	<1.02	<1.02	<0.980	<1.02	**21.4**
	7/27/2023	<0.0400	**164**	<0.929	<0.929	<0.897	<0.929	**21.4**
	7/31/2023	<0.0400	**68.6**	<1.17	<1.17	<1.13	<1.17	**19.0**
	8/9/2023	<0.0400	**109**	<0.967	<0.967	<0.934	<0.967	**20.8**
	8/14/2023	<0.0400	**25.1**	<1.01	<1.01	<0.974	<1.01	**18.0**
	8/23/2023	<0.0400	**111**	<0.887	<0.887	<0.856	<0.887	**18.9**
	8/28/2023	<0.0400	**13.7**	<1.01	<1.01	<0.973	<1.01	**18.6**
	9/7/2023	<0.0400	**132**	<0.923	<0.923	<0.891	<0.923	**19.3**
	9/13/2023	<0.0400	**220**	<0.887	<0.887	<0.856	<0.887	**18.5**
	9/22/2023	<0.0400	**191**	<0.895	<0.895	<0.864	<0.95	**15.9**
	9/25/2023	<0.0400	**232**	<0.605	<0.605	<0.584	<0.605	**23.4**
	10/2/2023	<0.0400	**230**	<0.906	<0.906	<0.875	<0.906	**15.0**
	10/9/2023	<0.0400	**233**	<0.882	<0.882	<0.851	<0.882	**16.3**
	10/17/2023	<0.0400	**248**	<0.988	<0.988	<0.954	<0.988	**16.7**
	10/23/2023	<0.0400	**413**	<0.926	<0.926	<0.894	<0.926	**17.5**
	10/31/2023	<0.0400	**265**	<0.929	<0.929	<0.897	<0.929	**17.6**
	11/6/2023	<0.0400	**245**	<0.938	<0.938	<0.905	<0.938	**18.3**
	11/16/2023	<0.0400	**8.85**	<0.991	<0.991	<0.957	<0.991	**17.4**
	11/20/2023	<0.0400	**10.8**	<0.991	<0.991	<0.957	<0.991	**13.3**
	11/27/2023	<0.0400	**226**	<1.03	<1.03	<0.993	<1.03	**17.1**
	12/8/2023	<0.0400	**187**	<0.880	<0.880	<0.849	<0.880	**22.1**
	12/11/2023	<0.0400	**297**	<0.988	<0.988	<0.954	<0.988	**20.6**
	12/18/2023	<0.0400	**291**	**0.956 J**	<0.923	<0.891	**0.956 J**	**20.5**
	1/2/2024	<0.0400	**366**	<1.03	<1.03	<0.990	<1.03	**12.6**
	1/10/2024	<0.0400	**352**	<0.988	<0.988	<0.954	<0.988	**16.3**
	1/15/2024	<0.0400	**714**	<1.06	<1.06	<1.03	<1.06	**19.0**
	1/25/2024	<0.0400	**384**	<0.965	<0.965	<0.932	<0.965	**18.0**
	1/29/2024	<0.0400	**404**	<0.953	<0.953	<0.920	<0.953	**20.4**

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TABLE 3
GROUNDWATER SAMPLING (Additional Parameters) ANALYTICAL DATA SUMMARY
South Hobbs G/SA Unit
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417002

Sample Designation	Date	(mg/L)						°C
		Sulfide	Carbon Dioxide (Free)	TPH GRO	TPH DRO	TPH ORO	Total TPH	Temperature
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		NE	NE	NE	NE	NE	NE	NE
MW-2	5/26/2020	<0.495	**923**	**2.10**	**1.07 J**	<0.900	**6.16**	**23.1**
	6/30/2020	<5.00	**1,290**	<2.32	<2.32	<2.32	<2.32	**22.1**
	8/20/2020	<5.00	**1,150**	**2.75**	**3.29**	<2.26	**6.02**	**23.0**
	11/24/2020	<0.495	**1,300**	**1.73 J**	**2.17 J**	<0.835	**3.900**	**19.1**
	12/18/2020	**0.600 J**	**958**	**1.34 J**	**0.915 J**	<0.824	**2.26 J**	**15.1**
	12/23/2020	<0.495	**1,090**	**1.61 J**	**1.12 J**	<0.837	**2.73**	**15.6**
	12/30/2020	<0.495	**1,090**	<0.893	<0.825	<0.825	<0.825	**12.1**
	1/6/2021	<0.495	**1,240**	**1.99 J**	<0.824	<0.824	**1.99 J**	**13.1**
	1/12/2021	**11.2**	**1,450**	**1.64 J**	<0.833	<0.833	**1.64 J**	**13.9**
	1/20/2021	**9.60**	**1,390**	<0.907	<0.838	<0.838	<0.838	**18.2**
	1/27/2021	**15.0**	**1,600**	**1.31 J**	<0.834	<0.834	**1.31 J**	**13.4**
	2/3/2021	<0.495	**1,030**	**0.955 J**	**1.15 J**	<0.813	**2.11 J**	**20.9**
	2/10/2021	<0.495	**915**	**2.08**	<0.746	<0.746	**2.08**	**11.5**
	2/24/2021	<0.495	**793**	**1.01 J**	<0.832	<0.832	**1.01 J**	**19.4**
	3/4/2021	<0.495	**1,030**	**1.74 J**	<0.819	<0.819	**1.74 J**	**18.2**
	3/10/2021	<0.495	**1,010**	<0.893	<0.825	<0.825	<0.825	**18.5**
	3/17/2021	<0.495	**970**	**2.33**	<0.835	<0.835	**2.33**	**19.5**
	3/25/2021	<0.495	**653**	**1.50 J**	**1.16 J**	<0.857	**2.66 J**	**20.2**
	3/31/2021	<0.495	**1,110**	<0.941	<0.941	<0.908	<0.941	**18.3**
	4/8/2021	<0.495	**1,010**	**2.30 J**	**1.01 J**	<0.875	**3.31 J**	**18.9**
	4/15/2021	<0.495	**2,200**	**2.49 J**	**0.999 J**	**1.70 J**	**5.19**	**20.1**
	4/21/2021	<0.495	**1,230**	**1.01 J**	**0.913 J**	<0.856	**1.92 J**	**18.9**
	4/28/2021	<0.495	**1,100**	**2.54 J**	**1.19 J**	<0.872	**3.73 J**	**19.0**
	5/5/2021	<0.495	**1,350**	**2.09 J**	<0.890	<0.859	**2.09 J**	**18.8**
	5/13/2021	<0.495	**1,320**	**1.18 J**	<0.906	<0.875	**1.18 J**	**19.6**
	5/19/2021	<0.495	**1,730**	**1.46 J**	<0.901	<0.869	**1.46 J**	**19.8**
	5/27/2021	<0.495	**798**	<0.920	<0.920	<0.888	<0.920	**20.8**
	6/2/2021	<0.495	**1,580**	**2.01 J**	<0.895	<0.864	**2.01 J**	**18.1**
	6/10/2021	<0.495	**2,010**	**1.46 J**	<0.882	<0.851	**1.46 J**	**22.0**
	6/16/2021	<0.495	**810**	**0.963 J**	<0.826	<0.797	**0.963 J**	**18.0**
	6/22/2021	<0.495	**795**	**1.18 J**	<0.947	<0.914	**1.18 J**	**22.2**
	6/30/2021	<0.495	**975**	**1.21 J**	<0.893	<0.862	**1.21 J**	**20.3**
	7/1/2021	Levey Well Now Running Full Time						
	7/7/2021	<0.495	**889**	**1.62 J**	<0.906	<0.875	**1.62 J**	**18.3**
	7/14/2021	<0.495	**1,080**	<0.965	<0.965	<0.932	<0.965	**19.3**
	7/20/2021	<0.495	**1,170**	**1.16 J**	<0.898	<0.867	**1.16 J**	**19.8**
	7/27/2021	<0.495	**950**	**1.03 J**	<0.906	<0.875	**1.03 J**	**22.3**
	8/5/2021	<0.495	**778**	<0.909	<0.909	<0.877	<0.909	**22.1**
	8/11/2021	<0.495	**1,040**	**1.46 J**	<0.887	<0.856	**1.46 J**	**19.7**
	8/19/2021	<0.495	**2,010**	**1.93 J**	<0.959	<0.926	**1.93 J**	**20.7**
	8/25/2021	<0.495	**1,400**	**1.01 J**	<0.932	<0.900	**1.01 J**	**19.2**
	9/2/2021	<0.495	**1,830**	**3.03 J**	**2.11 J**	<0.920	**5.14**	**21.4**
	9/8/2021	<0.495	**1,570**	**1.70 J**	<0.932	<0.900	**1.70 J**	**20.5**
	9/14/2021	<0.495	**1,240**	**1.93 J**	**1.01 J**	<0.917	**2.94 J**	**19.4**
	9/21/2021	<0.495	**1,260**	**1.33 J**	<0.941	<0.908	**1.33 J**	**18.0**
	9/29/2021	<0.495	**1,040**	**1.60 J**	<1.19	<1.15	**1.60 J**	**18.5**
	10/7/2021	<0.495	**1,020**	**1.45 J**	<0.988	<0.954	**1.45 J**	**18.0**
	10/13/2021	<0.495	**834**	**1.56 J**	<0.935	<0.902	**1.56 J**	**20.6**
	10/21/2021	<0.495	**2,420**	**1.64 J**	<0.918	<0.886	**1.64 J**	**19.8**
	11/5/2021	<0.495	**628**	**1.39 J**	<0.965	<0.932	**1.39 J**	**22.8**
	11/11/2021	<0.495	**4,500**	**2.27 J**	<0.985	<0.950	**2.27 J**	**18.5**
	11/18/2021	<0.495	**574**	**2.56 J**	<0.923	<0.891	**2.56 J**	**19.5**
	11/24/2021	<5.00	**1,500**	**2.34 J**	<4.59	<4.59	**2.34 J**	**19.1**
	12/1/2021	<0.495	**313**	**1.69 J**	<0.912	<0.880	**1.69 J**	**19.2**
	12/8/2021	<0.495	**1,260**	**1.86 J**	<0.932	<0.900	**1.86 J**	**18.9**
	12/16/2021	<0.495	**957**	**1.15 J**	<0.947	<0.914	**1.15 J**	**18.0**
	12/22/2021	<0.495	**1,020**	**1.95 J**	<0.944	<0.911	**1.95 J**	**21.6**
	12/29/2021	<0.495	**1,250**	**1.15 J**	<0.935	<0.902	**1.15 J**	**18.0**
	1/6/2022	<0.495	**1,030**	**1.31 J**	<0.915	<0.883	**1.31 J**	**18.2**
	1/12/2022	<0.495	**1,450**	**3.63 J**	**1.34 J**	<1.00	**4.97 J**	**22.0**
	1/19/2022	<0.495	**1,420**	**2.83 J**	<0.915	<0.883	**2.83 J**	**18.2**
	1/26/2022	<0.495	**2,020**	<0.923	<0.923	<0.891	<0.923	**18.8**
	2/2/2022	Unable to Sample due to Incliment Weather. Booster Pump for Levey Well Damaged by Freeze.						
	2/8/2022	<0.495	**2,050**	**1.31 J**	<0.909	<0.877	**1.31 J**	**20.7**

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Hobbs, New Mexico
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Sample Designation	Date	(mg/L)						°C
		Sulfide	Carbon Dioxide (Free)	TPH GRO	TPH DRO	TPH ORO	Total TPH	Temperature
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
MW-2	2/16/2022	<0.495	**1,670**	**0.974 J**	<0.864	<0.834	**0.974 J**	**18.3**
	2/25/2022	<0.495	**1,280**	**1.43 J**	<0.965	<0.932	**1.43 J**	**19.9**
	3/3/2022	<0.495	**2,160**	**1.86 J**	<0.909	<0.877	**1.86 J**	**18.1**
	3/9/2022	<0.495	**1,680**	**1.77 J**	<0.947	<0.914	**1.77 J**	**18.4**
	3/14/2022	Booster Pump for Levey Well Repaired and Back on Running Full Time.						
	3/16/2022	<0.495	**1,700**	**2.22 J**	<0.915	<0.883	**2.22 J**	**18.1**
	3/24/2022	<0.495	**1,330**	**1.29 J**	<0.909	<0.877	**1.29 J**	**19.1**
	3/31/2022	<0.495	**1,340**	**1.28 J**	<0.938	<0.905	**1.28 J**	**19.0**
	4/6/2022	<0.495	**1,720**	**1.00 J**	<0.938	<0.905	**1.00 J**	**18.1**
	4/13/2022	<0.495	**874**	**0.915 J**	<0.906	<0.875	**0.915 J**	**19.0**
	4/20/2022	<0.495	**1,060**	**1.06 J**	<0.901	<0.869	**1.06 J**	**18.6**
	4/28/2022	<0.495	**1,100**	**1.76 J**	<0.915	<0.883	**1.76 J**	**19.8**
	5/5/2022	**0.600 J**	**1,330**	**1.40 J**	<0.920	<0.888	**1.40 J**	**19.2**
	5/10/2022	<0.495	**1,320**	**1.63 J**	<0.965	<0.932	**1.63 J**	**16.8**
	5/19/2022	<0.495	**1,740**	**1.80 J**	<0.915	<0.883	**1.80 J**	**20.5**
	5/26/2022	<0.495	**2,650**	**1.02 J**	<0.950	<0.917	**1.02 J**	**18.1**
	6/1/2022	<0.495	**1,340**	**1.43 J**	<0.909	<0.877	**1.43 J**	**20.5**
	6/9/2022	<0.495	**1,080**	**1.23 J**	<0.938	<0.905	**1.23 J**	**19.8**
	6/17/2022	<0.495	**894**	**1.49 J**	<0.895	<0.864	**1.49 J**	**17.8**
	6/23/2022	<0.495	**1,270**	**1.25 J**	<0.920	<0.888	**1.25 J**	**18.0**
	6/29/2022	<0.495	**1,680**	<0.935	<0.935	<0.902	<0.935	**15.9**
	7/7/2022	<0.495	**1,190**	**0.912 J**	<0.906	<0.875	**0.912 J**	**23.0**
	7/13/2022	<0.495	**1,610**	**1.17 J**	<0.947	<0.914	**1.17 J**	**20.1**
	7/20/2022	<0.495	**1,360**	**1.07 J**	<0.981	<0.947	**1.07 J**	**19.8**
	7/27/2022	<0.495	**1,070**	**1.49 J**	<0.975	<0.941	**1.49 J**	**18.2**
	8/4/2022	<0.495	**1,570**	**1.31 J**	<0.904	<0.872	**1.31 J**	**19.2**
	8/10/2022	<0.495	**1,260**	**1.17 J**	<0.932	<0.900	**1.17 J**	**19.3**
	8/18/2022	<0.495	**1,280**	**1.43 J**	**7.62**	<0.897	**9.05**	**21.3**
	8/24/2022	<5.00	**1,300**	**1.18 J**	<4.63	<4.63	**1.18 J**	**18.0**
	8/31/2022	**1.00 J**	**1,290**	**1.08 J**	<0.950	<0.917	**1.08 J**	**20.0**
	9/15/2022	<0.495	**1,320**	**1.83 J**	<1.07	<1.04	**1.83 J**	**18.9**
	9/22/2022	<0.495	**1,320**	**1.56 J**	<1.05	<1.01	**1.56 J**	**20.9**
	9/28/2022	<0.495	**1,280**	**1.06 J**	<1.05	<1.01	**1.06 J**	**18.6**
	10/4/2022	<0.495	**1,670**	**1.11 J**	<0.904	<0.872	**1.11 J**	**17.6**
	10/14/2022	<0.989	**1,670**	**1.12 J**	<0.915	<0.883	**1.12 J**	**18.1**
	10/19/2022	<0.495	**814**	**1.46 J**	<0.877	<0.846	**1.46 J**	**18.3**
	10/27/2022	<0.495	**1,350**	<0.988	<0.988	<0.954	<0.988	**25.0**
	11/2/2022	<0.495	**1,680**	**1.82 J**	<0.978	<0.944	**1.82 J**	**25.0**
	11/9/2022	<4.95	**1,220**	**1.14 J**	<0.978	<0.944	**1.14 J**	**21.2**
	11/16/2022	<0.495	**653**	**2.20 J**	<0.909	<0.877	**2.20 J**	**18.0**
	11/30/2022	<0.495	**1,030**	<0.959	<0.959	<0.926	<0.959	**18.7**
	12/9/2022	<0.495	**1,030**	**1.38 J**	<0.969	<0.935	**1.38 J**	**17.3**
	12/15/2022	<0.495	**1,440**	**1.71 J**	<0.988	<0.954	**1.71 J**	**15.3**
	12/21/2022	<0.495	**1,280**	**1.11 J**	<0.904	<0.872	**1.11 J**	**16.3**
	12/29/2022	<0.495	**789**	<0.923	<0.923	<0.891	<0.923	**17.3**
	1/4/2023	<0.495	**910**	**1.66 J**	<0.988	<0.954	**1.66 J**	**16.8**
	1/13/2023	<0.495	**966**	**1.43 J**	<0.941	<0.908	**1.43 J**	**13.6**
	1/19/2023	<0.495	**1,610**	**1.06 J**	<0.929	<0.897	**1.06 J**	**16.3**
	1/25/2023	<0.495	**704**	<0.923	<0.923	<0.891	<0.923	**19.3**
	2/2/2023	<0.495	**1,480**	**1.01 J**	<0.959	<0.926	**1.01 J**	**18.7**
	2/8/2023	<0.495	**1,300**	**0.984 J**	<0.898	<0.867	**0.984 J**	**16.7**
	2/17/2023	<0.495	**1,040**	**1.24 J**	<0.953	<0.920	**1.24 J**	**20.0**
	2/22/2023	<0.495	**2,070**	**1.97 J**	<0.926	<0.894	**1.97 J**	**18.7**
	3/3/2023	<0.495	**1,520**	**2.46 J**	<0.991	<0.957	**2.46 J**	**18.1**
	3/8/2023	<0.495	**1,560**	**1.18 J**	<1.01	<0.976	**1.18 J**	**19.1**
	3/15/2023	<0.495	**1,500**	<1.01	<1.01	<0.976	<1.01	**14.2**
	3/23/2023	<0.495	**1,260**	<0.920	<0.920	<0.888	<0.920	**17.3**
	3/29/2023	<0.495	**1,580**	<0.920	<0.929	<0.897	<0.929	**16.6**
	4/6/2023	<0.495	**821**	**1.04 J**	<0.988	<0.954	**1.04 J**	**15.5**
	4/14/2023	<0.495	**438**	**1.22 J**	<0.895	<0.864	**1.22 J**	**18.8**
	4/26/2023	<0.495	**1,050**	**1.03 J**	<0.935	<0.902	**1.03 J**	**20.2**
	5/2/2023	<0.495	**1,310**	**1.19 J**	<0.981	<0.947	**1.19 J**	**18.5**
	5/11/2023	<0.495	**1,020**	**1.29 J**	<0.909	<0.877	**1.29 J**	**18.1**
	5/15/2023	<0.495	**1,210**	<0.906	<0.906	<0.875	<0.906	**16.3**
	5/25/2023	<0.495	**1,330**	**1.09 J**	<0.947	<0.914	**1.09 J**	**18.0**
	5/30/2023	<0.495	**267**	<0.935	<0.935	<0.902	<0.935	**18.3**
	6/9/2023	<0.495	**1,050**	**1.82 J**	**12.8**	**2.28 J**	**16.9**	**18.6**

ENSOLUM

TABLE 3
GROUNDWATER SAMPLING (Additional Parameters) ANALYTICAL DATA SUMMARY
South Hobbs G/SA Unit
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417002

Sample Designation	Date	(mg/L)						°C
		Sulfide	Carbon Dioxide (Free)	TPH GRO	TPH DRO	TPH ORO	Total TPH	Temperature
20 NMAC 6.2 Water Quality - Ground and Surface Water Protection Human Health Standards		NE	NE	NE	NE	NE	NE	NE
MW-2	6/15/2023	<0.495	**1,050**	**1.50 J**	<0.904	<0.872	**1.50 J**	**20.4**
	6/23/2023	<0.495	**62.6**	**1.47 J**	<0.935	<0.902	**1.47 J**	**21.0**
	6/26/2023	<0.495	**1,070**	<0.929	<0.929	<0.897	<0.929	**20.6**
	7/5/2023	<0.0400	**1,030**	**1.24 J**	<0.972	<0.938	**1.24 J**	**21.4**
	7/13/2023	<0.0400	**1,040**	**0.971 J**	<0.956	<0.923	**0.971 J**	**20.2**
	7/17/2023	<0.0400	**1,280**	**1.19 J**	<0.991	<0.957	**1.19 J**	**20.6**
	7/27/2023	<0.0400	**1,270**	**1.15 J**	<0.898	<0.867	**1.15 J**	**20.6**
	7/31/2023	<0.0400	**422**	**1.37 J**	<1.15	<1.11	**1.37 J**	**18.9**
	8/9/2023	<0.0400	**1,070**	**1.03 J**	<0.985	<0.951	**1.03 J**	**20.9**
	8/14/2023	<0.0400	**419**	<0.971	<0.971	<0.937	<0.971	**18.5**
	8/23/2023	<0.0400	**848**	**1.22 J**	<0.893	<0.862	**1.22 J**	**19.0**
	8/28/2023	<0.0400	**168**	<1.02	<1.02	<0.983	<1.02	**18.3**
	9/7/2023	<0.0400	**1,250**	**1.20 J**	<0.975	<0.941	**1.20 J**	**21.0**
	9/13/2023	<0.0400	**617**	**1.62 J**	<0.898	<0.867	**1.62 J**	**17.9**
	9/22/2023	<0.0400	**1,640**	**0.979 J**	<0.938	<0.905	**0.979 J**	**15.3**
	9/25/2023	<0.0400	**1,230**	<0.877	<0.877	<0.846	<0.877	**23.5**
	10/2/2023	<0.0400	**1,630**	<0.898	<0.898	<0.867	<0.898	**14.1**
	10/9/2023	<0.0400	**1,590**	**1.17 J**	<0.885	0.854	**1.17 J**	**14.5**
	10/17/2023	<0.0400	**1,670**	**1.48 J**	<0.988	<0.954	**1.48 J**	**15.8**
	10/23/2023	<0.0400	**2,070**	**1.19 J**	<0.935	<0.902	**1.19 J**	**17.9**
	10/31/2023	<0.0400	**1,080**	**0.957 J**	<0.944	<0.911	**0.957 J**	**18.2**
	11/6/2023	<0.0400	**1,490**	**1.28 J**	<0.920	<0.888	**1.28 J**	**18.7**
	11/16/2023	<0.0400	**12.7**	<0.972	<0.972	<0.938	<0.972	**17.6**
	11/20/2023	<0.0400	**11.5**	**2.01 J**	<0.995	<0.960	**2.01 J**	**13.2**
	11/27/2023	<0.0400	**1,680**	**1.44 J**	<0.995	<0.960	**1.44 J**	**17.6**
	12/8/2023	<0.0400	**842**	<0.926	<0.926	<0.894	<0.926	**22.0**
	12/11/2023	<0.0400	**1,310**	**1.08 J**	<0.965	<0.932	**1.08 J**	**20.9**
	12/18/2023	<0.0400	**1,290**	<0.972	<0.972	<0.938	<0.972	**20.7**
	1/2/2024	<0.0400	**1,670**	**2.21 J**	<1.03	<0.997	**2.21 J**	**12.8**
	1/10/2024	<0.0400	**1,760**	**1.40 J**	<0.995	<0.960	**1.40 J**	**16.4**
	1/15/2024	<0.0400	**2,580**	<1.05	<1.05	<1.01	<1.05	**18.7**
	1/25/2024	<0.0400	**1,360**	<0.956	<0.956	<0.923	<0.956	**18.2**
	1/29/2024	<0.0400	**1,620**	<0.998	<0.998	<0.963	<0.998	**20.4**

NOTES:
°C - degrees celsius
mg/L - milligrams per Liter
NE - not established
J - The target analyte was positively identified below the quantitation limit and above the detection limit.

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 4
AIR SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001

Sample Designation	Date	Time	(ug/m3)																																
			Acetone	Benzene	Bromomethane	Carbon disulfide	Chloromethane	2-Chlorotoluene	Cyclohexane	1,2-Dichloroethane	cis-1,2-Dichloroethene	Ethanol	Ethylbenzene	4-Ethyltoluene	Trichlorofluoromethane	Dichlorodifluoromethane	Heptane	n-Hexane	Isopropylbenzene	Methylene Chloride	Methyl Butyl Ketone	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Methyl methacrylate	Naphthalene	2-Propanol	Styrene	Tetrachloroethylene	Tetrahydrofuran	Toluene	1,1,1-Trichloroethane	Trichloroethylene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m&p-Xylene	o-Xylene	TPH (GC/MS) Low Fraction
	1/25/2021	0823	**229**	<6.39	<7.76	**9.52**	<4.13	<10.3	**575**	<8.10	<7.93	**324**	<8.67	<9.82	<11.2	<17.0	**299**	**980**	<9.83	<6.94	<51.1	<36.9	<51.2	<8.19	<33.0	<30.7	<8.51	<13.6	<5.90	<18.8	<10.9	**22.2**	<9.82	<9.82	<7.04	<17.3	<8.67	**17,500**
	1/25/2021	1213	<2.97	<0.639	<0.776	<0.622	<0.413	<1.03	**2.01**	<0.810	<0.793	**4.98**	<0.867	<0.982	<1.12	<1.70	**1.44**	**3.20**	<0.983	<0.694	<5.11	<3.69	<5.12	<0.819	<33.0	<3.07	<0.851	<1.36	<0.590	<1.88	<1.09	<1.36	**1.14**	**1.29**	<0.704	<1.73	<0.867	<826
	1/28/2021	1316	**14,800**	<0.639	**2.96**	**246**	**22.5**	**42.5**	**1,770**	<0.810	<0.793	**2,410**	**53.8**	**298**	<1.12	**2.03**	**1,220**	**2,890**	**150**	<0.694	**101**	**2,340**	**53.2**	<0.819	<33.0	**438**	<0.851	**72.6**	<0.590	**95.7**	<1.09	<1.07	**445**	**375**	<0.704	**246**	**147**	**61,100**
	2/10/2021	1300	**1,140**	<12.8	<15.5	**181**	<8.26	<20.6	**10,800**	<16.2	<15.9	<23.8	**44.2**	**426**	<22.5	<19.8	**4,040**	**14,000**	**92.4**	<13.9	<102	**79.0**	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	**66.3**	<21.8	<21.4	**334**	**584**	<14.1	**361**	**218**	**315,000**
	2/24/2021	1045	<2.97	<0.639	<0.776	**161**	<0.413	<1.03	**4,510**	<0.810	**9.83**	<1.19	**88.4**	**491**	<1.12	<0.989	**2,200**	**5,610**	**249**	<0.694	<5.11	<3.69	<5.12	<0.819	<33.0	<3.07	<0.851	**5.47**	<0.590	**101**	<1.09	**1.14**	**218**	**305**	<0.704	**633**	**388**	**114,000**
	3/4/2021	1402	**375**	<3.19	<3.88	**67.9**	<2.07	<5.15	**2,620**	<4.05	<3.96	**88.6**	**56.4**	<4.91	<5.62	<4.95	**847**	**4,690**	**176**	<3.47	<25.6	**72.0**	<25.6	<4.09	**22.8**	<15.4	<4.25	<6.79	<2.95	**49.3**	<5.44	<5.36	**1,460**	**913**	<3.52	**533**	**198**	**83,400**
	3/10/2021	1050	<2.97	<0.639	<0.776	**71.0**	<0.413	<1.03	**3,300**	<0.810	<0.793	<1.19	**61.1**	**1,070**	**1.26**	<0.989	**990**	**4,120**	**205**	<0.694	<5.11	**54.8**	<5.12	<0.819	<3.30	<3.07	<0.851	<1.36	<0.590	**55.4**	<1.09	<1.07	**947**	**825**	<0.704	**516**	**249**	**120,000**
	3/17/2021	1135	**806**	<0.639	<0.776	**95.6**	<0.413	<1.03	**3,160**	<0.810	<0.793	**50.2**	**63.3**	**444**	**1.38**	<0.989	**1,240**	**4,550**	**128**	<0.694	<5.11	**139**	<5.12	<0.819	<3.30	**46.5**	<0.851	<1.36	<0.590	**101**	<1.09	<1.07	**332**	**313**	<0.704	**432**	**179**	**88,800**
	3/25/2021	1111	<2.97	<0.639	<0.776	<0.622	<0.413	<1.03	**11,700**	<0.810	<0.793	**41.3**	**65.9**	<0.982	<1.12	<0.989	**2,500**	**12,800**	**157**	<0.694	<5.11	<3.69	<5.12	<0.819	<3.30	<3.07	<0.851	<1.36	<0.590	**67.4**	<1.09	<1.07	**424**	**359**	<0.704	**382**	**205**	**256,000**
	3/31/2021	1055	**1,880**	<0.639	<0.776	<0.622	<0.413	<1.03	**22,300**	<0.810	<0.793	**96.3**	**78.0**	**185**	<1.12	<0.982	**4,420**	**24,000**	**150**	<0.694	<5.11	**244**	<5.12	<0.819	<3.30	<3.07	<0.851	**17.5**	<0.590	**73.1**	**9.57**	<1.07	**292**	**265**	<0.704	**352**	**193**	**305,000**
	4/8/2021	1205	**2,350**	**843**	<311	<249	<165	<412	**30,500**	<324	<317	**2,830**	<347	**736**	<450	<396	<327	**64,500**	<393	<278	<2,040	<1,470	<2,050	<328	<1,320	**1,470**	<340	<543	<236	<753	<435	<429	**453**	**420**	<282	**737**	<347	**574,000**
	4/15/2021	1228	**1,200**	<12.8	<15.5	**97.7**	<8.26	<20.6	**41,000**	<16.2	<15.9	**98.0**	**91.9**	**447**	<22.5	<19.8	**4,950**	**98,000**	**134**	<13.9	<102	**206**	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	**101**	<21.8	<21.4	**197**	**198**	<14.1	**620**	**190**	**438,000**
	4/21/2021	1340	**639**	<0.639	<0.776	<0.622	<0.413	<1.03	**2,390**	<0.810	<0.793	**234**	**72.4**	**309**	<1.12	<0.989	**969**	**5,710**	**166**	<0.694	<5.11	**280**	<5.12	<0.819	<3.30	**127**	<0.851	<1.36	<0.590	**48.2**	<1.09	<1.07	**216**	**447**	<0.704	**296**	**225**	<826
	4/28/2021	1215	**1,210**	<12.8	<15.5	**134**	<8.26	<20.6	**6,650**	<16.2	<15.9	**343**	**129**	**1,540**	<22.5	<19.8	<16.4	**13,200**	**264**	<13.9	<102	**229**	<102	<16.4	<66.0	**143**	<17.0	<27.2	<11.8	**95.3**	<21.8	<21.4	**1,050**	**761**	<14.1	**954**	**313**	**261,000**
	5/5/2021	1235	**371**	<12.5	<15.5	**12.6**	<8.26	<20.6	**844**	<16.2	<15.9	**326**	**27.2**	**88.3**	<22.5	<19.8	**326**	**1,120**	**58.0**	<13.9	<102	**93.8**	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**179**	**142**	<14.1	**185**	**65.0**	**273,000**
	5/13/2021	1320	**1,220**	<12.8	<15.5	**39.8**	<8.26	<20.6	**6,130**	**29.9**	<15.9	**456**	**88.4**	**545**	<22.5	<19.8	**2,300**	**7,300**	**228**	<13.9	<102	**226**	<102	<16.4	<66.0	**219**	<17.0	<27.2	<11.8	**62.5**	<21.8	<21.4	**1,230**	**756**	<14.1	**668**	**251**	**205,000**
	5/19/2021	1445	**1,700**	<1.28	<1.55	<1.24	<0.826	<2.06	**6,680**	<1.62	<1.59	**226**	**76.7**	**306**	<2.25	<1.98	**2,010**	**12,300**	**179**	<1.39	**122**	**200**	<10.2	<1.64	<6.60	**205**	<1.70	<2.72	<1.18	**50.5**	<2.18	**3.46**	**520**	**550**	<1.41	**577**	**195**	**175,000**
	5/27/2021	1245	**380**	**0.664**	<0.776	<0.622	**1.57**	<1.03	**1.14**	<0.810	<0.793	**6,130**	**3.68**	**7.07**	**1.51**	**2.64**	**9.98**	**157**	<0.983	**13.5**	**13.5**	**115**	**263**	<0.819	<3.30	**976**	**301**	<1.36	**149**	**86.3**	<1.09	<1.07	**15.4**	**4.37**	<0.704	**12.1**	**3.70**	**17,900**
	6/2/2021	1220	**1,280**	<12.8	<15.5	<12.4	<8.26	<20.6	**5,480**	<16.2	<15.9	**317**	**78.5**	**241**	<22.5	<19.8	**1,500**	**6,840**	**162**	<13.9	<102	**188**	<102	<16.4	<66.0	**125**	<17.0	<27.2	<11.8	**47.1**	<21.8	<21.4	**555**	**356**	<14.1	**542**	**174**	**179,000**
	6/10/2021	1150	**3,470**	<12.8	<15.5	**106**	<8.26	<20.6	**2,260**	<16.2	<15.9	**722**	**21.6**	**169**	<22.5	<19.8	**507**	**3,020**	**48.1**	<13.9	<102	**295**	<102	<16.4	<66.0	**234**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**89.3**	**73.1**	<14.1	**127**	**49.4**	**95,800**
	6/16/2021	1217	**2,160**	<0.639	<0.776	**43.0**	<0.413	<1.03	**806**	<0.810	<0.793	**609**	**17.9**	**145**	<1.12	<0.989	**308**	**1,670**	**32.2**	<0.694	**35.6**	**251**	<5.12	<0.819	<3.30	**201**	<0.851	<1.36	<0.590	**29.3**	<1.09	<1.07	**85.9**	**58.9**	<0.704	**88.9**	**34.4**	**32,400**
	6/22/2021	1240	**1,190**	<6.39	<7.76	<6.22	<4.13	<10.3	**2,440**	<8.10	<7.93	**347**	**9.49**	**78.0**	<11.2	<9.89	<8.18	**7,510**	**20.4**	<6.94	<51.1	**168**	<51.2	<8.19	<33.0	<30.7	<8.51	<13.6	<5.90	<18.8	<10.9	<10.7	**38.8**	**29.6**	<7.04	**52.2**	**21.9**	**58,200**
	6/30/2021	1130	**3,870**	<6.39	<7.76	**41.1**	<4.13	<10.3	**2,590**	<8.10	<7.93	**1,230**	**17.9**	**78.5**	<11.2	<9.89	**1,120**	**6,450**	<9.83	<6.94	<51.1	**433**	<51.2	<8.19	<33.0	**310**	<8.51	**20.3**	<5.90	**86.6**	<10.9	<10.7	**45.1**	**32.2**	<7.04	**78.0**	**35.1**	**123,000**
	7/1/2021	1200	Levey Well Now Running Full Time																																		
	7/27/2021	1332	<238	<51.1	<62.1	<49.8	<33.0	<82.5	**334,000**	<64.8	<63.4	<189	<69.4	**107**	<89.9	<79.1	**405,000**	**3,160,000**	<78.7	<55.6	<409	<295	<409	<65.5	<264	**2,580**	<68.1	**218**	<47.2	<151	<87.0	<85.7	**95.2**	**177**	<56.3	**258**	**147**	**11,800,000**
	8/5/2021	1443	<1,190	<256	<311	<249	<165	<412	**348,000**	**3,740**	<314	<943	<347	<393	<450	<396	**474,000**	**2,890,000**	<393	<278	<2,040	<1,470	<2,050	<328	<1,320	<1,230	<340	<543	<236	**1,270**	<435	<429	**545**	<393	<282	**698**	<347	**8,300,000**
	8/11/2021	1325	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	<13.8	<16.2	<15.9	<47.1	**49.4**	**427**	<22.5	<19.8	**190,000**	**1,210,000**	**61.5**	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	**802**	<21.8	<21.4	**253**	**393**	<14.1	**185**	**131**	**5,910,000**
	8/19/2021	1446	**817**	<12.8	<15.5	<12.4	<8.26	<20.6	**10,600**	<16.2	<15.9	<47.1	<17.3	**37.1**	<22.5	<19.8	**13,300**	**59,900**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	**223**	<21.8	<21.4	<19.6	**24.8**	<14.1	**40.4**	**23.8**	**459,000**
Levey Well	8/25/2021	0000	<2.97	<0.639	<0.776	<0.622	<0.413	<1.03	<0.689	<1.54	<0.793	<2.36	**42.9**	**467**	<1.12	<0.989	**11,300**	**36,000**	**112**	<0.694	<5.11	<3.69	<5.12	<0.819	<3.30	<3.07	<0.851	<1.36	<0.590	**357**	<1.09	**4.06**	**301**	**322**	<0.704	**219**	**184**	**290,000**
	9/2/2021	1340	**1,210**	<128	<155	<124	<82.6	<206	**97,800**	**359**	<159	**769**	<173	<196	<225	<198	**60,500**	**344,000**	<197	<139	<1,020	<737	<1,020	<164	<660	**1,280**	<170	<272	<118	**1,330**	<218	<214	<196	<196	<141	**418**	<173	**2,420,000**
	9/8/2021	1222	<297	<63.9	<77.6	<62.2	<41.3	<103	**82,700**	<79.3	<79.3	**1,270**	<86.7	<98.2	<112	<98.9	**57,300**	**395,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**8,190**	<85.1	<136	<59.0	**208**	<109	<107	<98.2	**111**	<70.4	<173	<86.7	**1,690,000**
	9/14/2021	1117	<238	<51.1	<62.1	<49.8	<33.0	<82.5	**285,000**	<64.8	<63.4	<189	**209**	**355**	<89.9	<79.1	**260,000**	**1,700,000**	<78.7	<55.6	<409	<295	<409	<65.5	<246	**9,340**	<68.1	**460**	<47.2	**1,100**	<87.0	<85.7	**248**	**142**	<56.3	**564**	**224**	**8,010,000**
	9/21/2021	1307	<1,190	<256	<311	<249	<165	<412	**417,000**	<324	<317	**1,560**	<347	<393	<450	<396	**345,000**	**430,000**	<393	<278	<2,040	<1,470	<2,050	<328	<1,320	**19,800**	<340	<543	<236	**1,020**	<435	<429	<393	<393	<282	<694	<347	**5,700,000**
	9/29/2021	1307	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	**16,600**	<16.2	<15.9	<47.1	<17.3	<19.6	<22.5	<19.8	**5,970**	**127,000**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	**22.9**	<14.1	<34.7	<17.3	**297,000**
	10/7/2021	1350	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	**162,000**	<16.2	<15.9	**47.3**	<17.3	**132**	<22.5	<19.8	**142,000**	**1,110,000**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	**279**	<21.8	<21.4	**66.3**	**154**	<14.1	**62.0**	**46.8**	**4,420,000**
	11/5/2021	1552	<238	**59.1**	<62.1	<49.8	<33.0	<82.5	**42,400**	<64.8	<63.4	**4,450**	**1,280**	**1,190**	<89.9	<79.1	**52,800**	**310,000**	**1,320**	**62.9**	<409	<295	<409	<65.5	<264	**1,150,000**	<68.1	<109	<47.2	**1,180**	<87.0	<85.7	**2,960**	**1,250**	<56.3	**5,460**	**1,470**	**1,430,000**
	11/8/2021	0936	<238	**98.4**	<62.1	<49.8	<33.0	<82.5	**137,000**	<64.8	<63.4	**4,660**	**672**	**332**	<89.9	<79.1	**142,000**	**1,010,000**	**454**	<55.6	<409	<295	<409	<65.5	<264	**6,270,000**	<68.1	**360**	<47.2	**1,020**	<87.0	<85.7	**756**	**342**	<56.3	**2,520**	**607**	**4,750,000**
		0937	Initiate Vacuum Recovery Event																																		
		1013	<238	<51.1	<62.1	<49.8	<33.0	<82.5	**33,700**	<64.8	<63.4	**1,820**	**1,690**	**1,050**	<89.9	<79.1	**57,700**	**160,000**	**1,450**	<55.6	<409	<295	<409	<65.5	<264	**1,380,000**	<68.1	<109	<47.2	**1,320**	<87.0	<85.7	**2,220**	**1,100**	**24,100**	**6,890**	**1,770**	**1,190,000**
		1030	**7,940**	<51.1	<62.1	<49.8	<33.0	<82.5	**2,850**	<64.8	<63.4	**720**	**728**	**1,190**	<89.9	<79.1	**5,690**	**10,400**	**1,110**	<55.6	<409	<295	<409	**105**	<264	**203,000**	<68.1	<109	<47.2	**235**	<87.0	<85.7	**2,970**	**1,270**	**1,860**	**3,550**	**1,060**	**241,000**
		1037	Vacuum Recovery Event Terminated																																		
		1151	<238	<51.1	<62.1	<49.8	<33.0	<82.5	**23,700**	<64.8	<63.4	**933**	**1,170**	**1,360**	<89.9	<79.1	**32,800**	**87,400**	**1,320**	**63.9**	<409	<295	<409	<65.5	<264	**497,000**	<68.1	<109	<47.2	**881**	<87.0	<85.7	**3,650**	**1,540**	<56.3	**4,990**	**1,360**	**727,000**
	11/11/2021	1208	**9,240**	<51.1	<62.1	<49.8	<33.0	<82.5	**47,200**	<64.8	<63.4	**1,300**	**559**	**766**	<89.9	<79.1	**54,400**	**279,000**	**413**	<55.6	<409	<295	<409	<65.5	<264	**973,000**	<68.1	**174**	<47.2	**731**	<87.0	<85.7	**574**	**307**	<56.3	**1,730**	**507**	**1,030,000**
	11/18/2021	1505	**18,700**	<63.9	<77.6	<62.2	<41.3	<103	**97,100**	<81.0	<79.3	<236	**468**	**653**	<112	<98.9	**126,000**	**1,540,000**	**388**	<69.4	<511	<369	<512	<81.9	<330	**140,000**	<85.1	<136	<59.0	**610**	<109	<107	**937**	**1,080**	<70.4	**1,440**	**525**	**3,340,000**
	11/22/2021	0856	<238	<51.1	<62.1	<49.8	<33.0	<82.5	**260,000**	<64.8	<63.4	<189	**289**	**569**	<89.9	<79.1	**232,000**	**1,690,000**	**259**	<55.6	<409	<295	<409	<65.5	<264	**293,000**	<68.1	<109	<47.2	**509**	<87.0	<85.7	**477**	**242**	<56.3	**915**	**305**	**10,000,000**
		0858	Initiate Vacuum Recovery Event																																		
		1029	**1,730**	<12.8	<15.5	<12.4	<8.26	<20.6	**16,800**	<16.2	<15.9	<47.1	**55.1**	**145**	<22.5	<19.8	**28,700**	**94,800**	**60.0**	<13.9	<102	<73.7	<102	<16.4	<66.0	**24,400**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**133**	**67.2**	<14.1	**192**	**66.8**	**284,000**
		1053	**965**	<6.39	<7.76	<6.22	<4.13	<10.3	**1,110**	<8.10	<7.93	**56.8**	**23.2**	<9.82	<11.2	<9.89	**1,780**	**6,350**	**36.4**	<6.94	<51.1	<36.9	<51.2	<8.19	<33.0	**2,020**	<8.51	<13.6	<5.90	<18.8	<10.9	<10.7	**153**	**64.3**	<7.04	**91.9**	**35.2**	**52,500**
		1055	Vacuum Recovery Event Terminated																																		
		1205	**3,490**	<12.8	<15.5	<12.4	<8.26	<20.6	**5,300**	<16.2	<15.9	<47.1	**74.6**	<19.6	<22.5	<19.8	**8,180**	**17,900**	**93.4**	<13.9	<102	**134**	<102	<16.4	<66.0	**65,100**	<17.0	<27.2	<11.8	**62.9**	<21.8	<21.4	**350**	**159**	<14.1	**267**	**99.3**	**222,000**
	11/24/2021	1048	**42,100**	<639	<62.1	<49.8	<33.0	<82.5	**187,000**	<810	<63.4	<189	**181**	**423**	<89.9	<79.1	**341,000**	**1,880,000**	**197**	<55.6	<5,110	**4,160**	<5,120	**13,300**	<264	**114,000**	<68.1	<1,360	<47.2	<1,180	<87.0	<1,070	**520**	**648**	<56.3	**572**	**307**	**7,640,000**
	12/1/2021	1200	<297	<62.6	<77.6	<62.2	<41.3	<103	**985,000**	<81.0	<79.3	<236	**139**	**479**	<112	<98.9	**1,470,000**	**14,000,000**	**140**	<69.4	<511	<369	<512	<81.9	<330	<307	<85.1	<136	<59.0	**339**	<109	<107	**618**	**775**	<70.4	**351**	**244**	**33,600,000**
	12/6/2021	0959	**19,700**	<128	<155	<124	<82.6	<206	**329,000**	<162	<159	<471	<173	<196	<225	<198	**438,000**	**2,620,000**	<197	<139	<1,020	**11,900**	<1,020	<164	<660	**9,730**	<170	<272	<118	<377	<218	<214	<196	<196	<141	<347	<173	**13,200,000**
		1000	Initiate Vacuum Recovery Event																																		
		1049	**11,100**	<63.9	<77.6	<62.2	<41.3	<103	**123,000**	<81.0	<79.3	<236	<86.7	**160**	<112	<98.9	**173,000**	**878,000**	<98.3	<69.4	<511	**6,930**	<512	<81.9	<330	**6,170**	<85.1	<136	<59.0	<188	<109	<107	**227**	**213**	<70.4	**200**	**89.7**	**5,000,000**
		1155	**1,310**	<0.639	<0.776	<0.622	<0.413	<1.03	<0.689	<0.810	<0.793	**40.7**	**11.2**	<0.982	<1.12	**1.42**	<0.818	**15,500**	**10.5**	<0.694	<5.11	<3.69	<5.12	<0.819	<3.30	**6,540**	<0.851	<1.36	<0.590	**21.5**	<1.09	**1.18**	<0.982	<0.982	<0.704	**44.7**	**29.3**	**172,000**
		1210	Vacuum Recovery Event Terminated																																		
		1340	**5,540**	**1,260**	<0.776	**21.4**	<0.413	<1.03	<0.689	<40.5	<0.793	<36.0	**1,170**	<0.982	<1.12	<0.989	**17,300**	**77,900**	**23.0**	<0.694	<256	<3.69	<256	<40.9	<3.30	**4,620**	<0.851	<67.9	<0.590	**2,970**	<1.09	<53.6	<0.982	<0.982	<0.704	**603**	**313**	**392,000**

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 4
AIR SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001

Sample Designation	Date	Time	(ug/m3)																																		
			Acetone	Benzene	Bromomethane	Carbon disulfide	Chloromethane	2-Chlorotoluene	Cyclohexane	1,2-Dichloroethane	cis-1,2-Dichloroethene	Ethanol	Ethylbenzene	4-Ethyltoluene	Trichlorofluoromethane	Dichlorodifluoromethane	Heptane	n-Hexane	Isopropylbenzene	Methylene Chloride	Methyl Butyl Ketone	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Methyl methacrylate	Naphthalene	2-Propanol	Styrene	Tetrachloroethylene	Tetrahydrofuran	Toluene	1,1,1-Trichloroethane	Trichloroethylene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m&p-Xylene	o-Xylene	TPH (GC/MS) Low Fraction
Levey Well	12/8/2021	1337	<238	**69.0**	<62.1	<49.8	<33.0	<82.5	**19,300**	<64.8	<63.4	**997**	**126**	**121**	<89.9	<79.1	**36,000**	**136,000**	<78.7	**76.0**	<409	**1,510**	<409	<65.5	<264	**5,900**	<68.1	<109	<47.2	**298**	<87.0	<85.7	**162**	**226**	<56.3	**157**	**102**	**657,000**
	12/17/2021	1210	**5,370**	<128	<155	<124	<82.6	<206	**298,000**	<162	<159	**960**	<173	<196	<225	<198	**442,000**	**2,980,000**	<197	<139	<1,020	**2,170**	<1,020	<164	<660	**4,920**	<170	<272	<118	<377	<218	<214	<196	<196	<141	<347	<173	**7,640,000**
	12/20/2021	0929	<29,700	<6,390	<7,760	<6,220	<4,130	<10,300	**379,000**	<8,100	<7,930	**50,300**	<8,670	<9,820	<11,200	<9,890	**532,000**	**3,380,000**	<9,830	<6,940	<51,100	<36,900	<51,200	<8,190	<33,000	**196,000**	<8,510	<13,600	<5,900	<18,800	<10,900	<10,700	<9,820	<9,820	<7,040	<17,300	<8,670	**14,000,000**
		0953	Initiate Vacuum Recovery Event																																		
		1129	**1,190**	<31.9	<38.8	<31.1	<20.7	<51.5	**10,400**	<40.5	<39.6	**581**	**92.3**	<49.1	<56.2	<49.5	**20,200**	**80,400**	<49.2	<34.7	<256	**286**	<256	<40.9	<165	**3,860**	<42.5	<67.9	<29.5	**122**	<54.4	<53.6	**113**	**99.6**	<35.2	**132**	**55.9**	**392,000**
		1145	Vacuum Recovery Event Terminated																																		
		1305	**727**	<12.8	<15.5	<12.4	<8.26	<20.6	**3,930**	<16.2	<15.9	<47.1	**54.2**	**47.6**	<22.5	<19.8	**2,520**	**5,180**	**25.6**	<13.9	<102	**122**	<102	<16.4	<66.0	**676**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**129**	**103**	<14.1	**85.8**	**40.8**	**188,000**
	12/22/2021	1130	**848**	<12.8	<15.5	<12.4	<8.26	<20.6	<13.8	<16.2	<15.9	<47.1	**41.9**	**147**	<22.5	<19.8	**7,030**	**42,000**	**39.7**	<13.9	<102	<73.7	<102	<16.4	<66.0	**649**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**152**	**92.3**	<14.1	**111**	**58.5**	**247,000**
	12/29/2021	1215	<297	<6.39	<77.6	<62.2	<41.3	<10.3	**503**	<8.10	<79.3	**1,490**	**21.9**	**44.1**	<112	<98.9	**630**	**5,780**	**37.2**	<69.4	<51.1	<369	<51.2	<8.19	<33.0	**1,110**	<8.51	<13.6	<59.0	<18.8	<109	<10.7	**112**	**63.3**	<70.4	**75.4**	**31.6**	<8,260
		0756	<297	<63.9	<77.6	<62.2	<41.3	<103	**108,000**	<81.0	<79.3	**1,200**	<86.7	<98.2	<112	<98.9	**234,000**	**606,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**6,610**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**4,020,000**
		0759	Initiate Vacuum Recovery Event																																		
	1/3/2022	0823	<59.4	<12.8	<15.5	<12.4	**407**	<20.6	**3,960**	<16.2	<15.9	<47.1	<17.3	<19.6	<22.5	<19.8	**12,800**	**28,200**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	**62.9**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<14.1	<34.7	<17.3	**177,000**
		0904	<14.9	<3.19	<3.88	<3.11	<2.07	<5.15	**2,240**	<4.05	<3.96	<11.8	<4.34	<4.91	<5.62	<4.95	**6,130**	**17,800**	<4.92	<3.47	<25.6	<18.4	<25.6	<4.09	<16.5	**19.3**	<4.25	<6.79	<2.95	<9.42	<5.44	<5.36	**8.25**	**5.64**	<3.52	<8.67	<4.34	**101,000**
		0920	Vacuum Recovery Event Terminated																																		
		1031	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	**4,580**	<16.2	<15.9	<47.1	<17.3	<19.6	<22.5	<19.8	**5,690**	**15,800**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	**87.5**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**22.7**	<19.6	<14.1	<34.7	<17.3	**188,000**
	1/6/2022	0000	<297	<63.9	<77.6	<62.2	<41.3	<103	**10,600**	<81.0	<79.3	<236	<86.7	<98.2	<112	<98.9	**20,500**	**130,000**	<98.3	**110**	<511	<369	<512	<81.9	<330	**4,230**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**508,000**
	1/12/2022	1352	**31,400**	<12.8	<15.5	<12.4	<8.26	<20.6	**164,000**	<16.2	<15.9	<47.1	**115**	**491**	<22.5	<19.8	**342,000**	**1,680,000**	**98.8**	<13.9	<102	**5,570**	<102	<16.4	**85.9**	**81,900**	<17.0	<27.2	<11.8	**263**	<21.8	<21.4	**400**	**433**	<14.1	**341**	**156**	**6,820,000**
		0852	**14,900**	<639	<776	<622	<413	<1,030	**119,000**	<810	<793	<2,360	<867	<982	<1,120	<989	**160,000**	**1,440,000**	<983	<694	<5,110	<3,690	<5,120	<819	<3,300	**25,800**	<851	<1,360	<590	<1,880	<1,090	<1,070	<982	<982	<704	<1,730	<867	**6,110,000**
		0853	Initiate Vacuum Recovery Event																																		
	1/17/2022	0919	**227**	<0.639	<0.776	<0.622	<0.413	<1.03	**3,650**	<0.810	<0.793	**19.8**	**2.15**	**1.70**	**1.52**	**1.84**	**6,260**	**19,100**	**1.22**	<0.694	<5.11	<3.69	<5.12	<0.819	<3.30	**202**	<0.851	<1.36	<0.590	**8.32**	<1.09	<1.07	**2.84**	**2.87**	<0.704	**5.20**	**2.15**	**132,000**
		1004	**90.3**	<0.639	<0.776	<0.622	**1.30**	<1.03	**747**	<0.810	<0.793	**56.2**	**2.58**	**4.13**	**1.40**	**2.60**	**1,610**	**4,300**	**2.46**	<0.694	<5.11	**16.4**	<5.12	<0.819	<3.30	**114**	<0.851	**2.69**	<0.590	**15.6**	<1.09	<1.07	**11.5**	**8.44**	<0.704	**7.50**	**3.13**	**31,600**
		1021	Vacuum Recovery Event Terminated																																		
		1134	**466**	<0.639	<0.776	<0.622	**1.64**	<1.03	**2,400**	<0.810	<0.793	**16.8**	**5.42**	**9.67**	**1.38**	**2.14**	**4,620**	**10,800**	**5.26**	<0.694	<5.11	**54.3**	<5.12	<0.819	**3.42**	**494**	<0.851	**27.5**	<0.590	**23.8**	<1.09	<1.07	**20.8**	**18.7**	<0.704	**17.7**	**7.46**	**95,400**
	1/19/2022	1208	**454**	<31.9	<38.8	<31.1	<20.7	<51.5	**11,300**	<40.5	<39.6	**149**	<43.4	**94.2**	<56.2	<49.5	**28,800**	**171,000**	<49.2	<34.7	<256	<184	<256	**966**	<165	**3,740**	<42.5	<67.9	<29.5	<94.2	<54.4	<53.6	**81.0**	**221**	<35.2	<86.7	<43.4	**508,000**
	1/26/2022	1251	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	**28,900**	<16.2	<15.9	<47.1	<17.3	<19.6	<22.5	<19.8	**22,900**	**313,000**	<22.5	<13.9	<102	<73.7	<102	<16.4	<66.0	**248**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<14.1	<34.7	<17.3	**1,180,000**
		0921	**4,040**	**5,940**	<155	<124	<82.6	<206	**229,000**	<162	<159	<471	**195**	<196	<225	<198	**217,000**	**8,710,000**	<197	<139	<1020	**1,360**	<1,020	<164	<660	**10,800**	<170	<272	<118	**1,220**	<218	<214	<196	<196	<141	**481**	<173	**3,620,000**
		0922	Initiate Vacuum Recovery Event																																		
	2/2/2022	0950	**337**	**415**	<15.5	<12.4	<8.26	<20.6	**16,700**	<16.2	<15.9	<47.1	**147**	<19.6	<22.5	<19.8	**36,200**	**114,000**	<19.7	<13.9	<102	**231**	<102	<16.4	<66.0	**88.2**	<17.0	<27.2	<11.8	**313**	<21.8	<21.4	**27.0**	<19.6	<14.1	**370**	**108**	**409,000**
		1030	**56.8**	**29.9**	<0.776	<0.622	<0.413	<1.03	**2,280**	<0.810	<0.793	**10.5**	**25.2**	<0.982	<1.12	**2.47**	**5,440**	**9,380**	**2.05**	<0.694	<5.11	**34.5**	<5.12	<0.819	<3.30	**30.2**	<0.851	<1.36	<0.590	**46.3**	<1.09	<1.07	**9.18**	**6.58**	<0.704	**62.9**	**17.6**	**71,500**
		1047	Vacuum Recovery Event Terminated																																		
		1158	**80.8**	**29.7**	<0.776	<0.622	<0.413	<1.03	**2,750**	<0.810	<0.793	**4.13**	**19.1**	<0.982	<1.12	**2.58**	**5,850**	**8,670**	**1.82**	<0.694	<5.11	**36.9**	<5.12	<0.819	<3.30	**43.0**	<0.851	<1.36	<0.590	**38.8**	<1.09	<1.07	**7.80**	**5.35**	<0.704	**46.8**	**13.0**	**59,500**
	2/8/2022	1200	**88.6**	<0.639	<0.776	<0.622	<0.413	<1.03	**1,310**	<0.810	<0.793	<2.36	**27.2**	<0.982	<1.12	<0.989	**2,640**	**13,700**	**14.5**	<0.694	<5.11	**15.5**	<5.12	<0.819	**3.64**	**76.2**	<0.851	**3.38**	<0.590	**12.3**	<1.09	<1.07	**43.8**	**46.5**	<0.704	**91.9**	**39.4**	**83,000**
	2/16/2022	1224	**215**	<12.8	<15.5	<12.4	<8.26	<20.6	**37,500**	<16.2	<15.9	<47.1	<17.3	**22.1**	<22.5	<19.8	**7,280**	**62,800**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	**156**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**23.1**	**19.6**	<14.1	**38.4**	<17.3	**272,000**
		1021	**1,950**	<0.639	<0.776	<0.622	<0.413	<1.03	**30,900**	<0.810	<0.793	**120**	**3.00**	<0.982	<1.12	<0.989	**5,360**	**176,000**	<0.983	<0.694	<5.11	<3.69	<5.12	<0.819	<3.30	<3.07	<0.851	<1.36	<0.590	**73.8**	<1.09	<1.07	**1.84**	**1.47**	<0.704	**3.42**	**1.12**	**261,000**
		1022	Initiate Vacuum Recovery Event																																		
	2/23/2022	1043	**104**	**101**	<0.776	<0.622	**1.44**	<1.03	**3,280**	<0.810	<0.793	**62.4**	**4.60**	**1.30**	**1.64**	**2.42**	**1,040**	**2,500**	<0.983	<0.694	<5.11	**34.2**	<5.12	<0.819	<3.30	**14.2**	<0.851	<1.36	<0.590	**57.6**	<1.09	<1.07	**3.47**	**3.29**	<0.704	**6.89**	**1.96**	**30,000**
		1118	<29.7	**25.9**	<7.76	<6.22	<4.13	<10.3	**737**	<8.10	<7.93	**42.2**	<8.67	<9.82	<11.2	<9.89	**290**	**610**	<9.83	<6.94	<51.1	<36.9	<51.2	<8.19	<33.0	<30.7	<8.51	<13.6	<5.90	**20.3**	<10.9	<10.7	<9.82	<9.82	<7.04	<17.3	<8.67	**8,510**
		1134	Vacuum Recovery Event Terminated																																		
		1241	<2.97	<0.639	<0.776	<0.622	**1.40**	<1.03	**1,380**	<0.810	<0.793	<2.36	<0.867	<0.982	**1.58**	**1.76**	**272**	**1,290**	<0.983	<0.694	<5.11	<3.69	<5.12	<0.819	<3.30	<3.07	<0.851	<1.36	<0.590	**7.61**	<1.09	<1.07	<0.982	<0.982	<0.704	<1.73	<0.867	**13,200**
	2/25/2022	1145	**250**	<0.639	<0.776	**21.2**	**0.413**	<1.03	**12,400**	<0.810	<0.793	**4.68**	**2.41**	**4.13**	<1.12	<0.989	**3,740**	**26,100**	**2.23**	<0.694	<5.11	**46.9**	<5.12	<0.819	**3.50**	**25.8**	<0.851	<1.36	<0.590	**9.12**	<1.09	<1.07	**7.85**	**6.23**	<0.704	**8.15**	**2.49**	**107,000**
		1405	<149	<31.9	<38.8	<31.1	<20.7	<51.5	**520**	<40.5	<39.6	**837**	<43.4	<49.1	<56.2	<49.5	**220**	**3,390**	<49.2	**47.6**	<256	<184	<256	**766**	<165	**8,480**	<42.5	<67.9	<29.5	<94.2	<54.4	<53.6	<49.1	<49.1	<35.2	<86.7	<43.4	<41,300
		1406	Initiate Vacuum Recovery Event																																		
	2/28/2022	1510	<2.97	**1.79**	<0.776	<0.622	<0.413	<1.03	**305**	<0.810	<0.793	**7.45**	**2.05**	**2.40**	<1.12	**2.13**	**182**	**511**	**1.12**	<0.694	<5.11	**10.6**	<5.12	<0.819	<3.30	**25.6**	<0.851	<1.36	<0.590	**3.74**	<4.66	<1.07	**4.96**	**4.91**	<0.704	**3.20**	**1.44**	**6,440**
		1428	<149	<31.9	<38.8	<31.1	<20.7	<51.5	**654**	<40.5	<39.6	**684**	<43.4	<49.1	<56.2	<49.5	**263**	**2,520**	<49.2	**38.5**	<256	<184	<256	<40.9	<165	**6,370**	<42.5	<67.9	<29.5	<94.2	<54.4	<53.6	<49.1	<49.1	<35.2	<86.7	<43.4	<41,300
		1526	Vacuum Recovery Event Terminated																																		
		1635	<2.97	**1.30**	<0.776	<0.622	**1.53**	<1.03	**76.8**	<0.810	<0.793	**7.50**	**1.76**	**2.07**	**1.28**	**2.53**	**64.2**	**117**	**1.17**	**0.847**	<5.11	<3.69	<5.12	<0.819	<3.30	**40.3**	<0.851	<1.36	<0.590	**2.26**	<1.09	<1.07	**4.70**	**4.25**	<0.704	**3.42**	**1.38**	**2,420**
	3/9/2022	1225	**2,260**	<128	<268	<124	<82.6	<206	**43,400**	<162	<159	<471	<173	<196	<225	<198	**8,470**	**41,200**	<197	<139	<1,020	<737	<1,020	<164	<660	**5,330**	<170	<272	<118	<377	<218	<214	<196	<196	<141	<347	<173	**352,000**
		0855	<297	**110**	<77.6	<62.2	<41.3	<103	**277,000**	<81.0	<79.3	**354**	<86.7	<98.2	<112	<98.9	**33,500**	**286,000**	<98.3	<69.4	<511	**894**	<512	<81.9	<330	**7,050**	<85.1	<136	<59.0	**254**	<109	<107	<98.2	**158**	<70.4	<173	<86.7	**1,230,000**
		0856	Initiate Vacuum Recovery Event																																		
	3/14/2022	0923	<11.9	**7.60**	<3.11	<2.49	<1.65	**7.11**	**3,110**	<3.24	<3.17	<9.43	**15.5**	**26.7**	<4.50	<3.96	**1,440**	**7,690**	**8.01**	<2.78	<20.4	**38.6**	<20.5	<3.28	<13.2	**53.1**	<3.40	<5.43	<2.36	**28.8**	<4.35	<4.29	**24.5**	**57.4**	<2.82	**30.3**	**12.1**	**47,900**
		1000	<2.97	**1.91**	<0.776	<0.622	**1.79**	<1.03	**589**	<0.810	<0.793	**9.22**	**3.49**	**4.29**	**1.19**	**2.37**	**234**	**395**	**1.61**	**0.951**	<5.11	**11.9**	<5.12	<0.819	<3.30	**9.61**	<0.851	<1.36	<0.590	**8.97**	<1.09	<1.07	**5.79**	**10.7**	<0.704	**9.28**	**3.44**	**7,930**
		1016	Vacuum Recovery Event Terminated																																		
		1126	**165**	**81.1**	<3.11	**5.23**	<1.65	<4.12	**761**	<3.24	<3.17	**48.8**	**1,130**	**236**	<4.50	<3.96	**369**	**494**	**342**	<2.78	<20.4	**39.5**	<20.5	<3.28	<13.2	**261**	<3.40	<5.43	<2.36	**832**	<4.35	<4.29	**535**	**237**	<2.82	**1,750**	**815**	**39,100**
	3/16/2022	1113	**137**	<12.8	<15.5	<12.4	<8.26	<20.6	**641**	<16.2	<15.9	<47.1	**50.3**	**41.5**	<22.5	<19.8	**406**	**3,260**	**34.6**	<13.9	<102	<73.7	<102	<16.4	<66.0	**81.6**	<17.0	**57.0**	<11.8	<37.7	<21.8	<21.4	**147**	**60.9**	<14.1	**106**	**57.7**	**23,700**
	3/24/2022	1335	<2.97	<0.639	<0.776	<0.622	<0.413	<1.03	**847**	<0.810	<0.793	<2.36	**8.63**	**66.3**	<1.12	<0.989	**382**	**7,020**	**13.9**	<0.694	<5.11	<3.69	<5.12	<0.819	**9.32**	**135**	<0.851	<1.36	<0.590	**14.2**	<1.09	<1.07	**71.7**	**35.7**	<0.704	**26.3**	**13.4**	**51,200**

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 4
AIR SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001

Sample Designation	Date	Time	(ug/m3)																																		
			Acetone	Benzene	Bromomethane	Carbon disulfide	Chloromethane	2-Chlorotoluene	Cyclohexane	1,2-Dichloroethane	cis-1,2-Dichloroethene	Ethanol	Ethylbenzene	4-Ethyltoluene	Trichlorofluoromethane	Dichlorodifluoromethane	Heptane	n-Hexane	Isopropylbenzene	Methylene Chloride	Methyl Butyl Ketone	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Methyl methacrylate	Naphthalene	2-Propanol	Styrene	Tetrachloroethylene	Tetrahydrofuran	Toluene	1,1,1-Trichloroethane	Trichloroethylene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m&p-Xylene	o-Xylene	TPH (GC/MS) Low Fraction
Levey Well	3/30/2022	0907	**47.5**	<0.639	<1.34	<0.622	<0.413	<1.03	**143**	<0.810	<0.793	**43.9**	**3.37**	<0.982	**1.26**	**2.44**	**154**	**320**	<0.983	<0.694	<5.11	**14.4**	<5.12	<0.819	<3.30	**33.9**	<0.851	**3.71**	<0.590	**52.0**	<1.09	<1.07	**2.56**	**1.27**	**7.11**	**8.02**	**3.97**	**4,040**
		0959	Initiate Vacuum Recovery Event																																			
		1021	**88.9**	<0.639	<1.34	<0.622	<0.413	<1.03	**668**	<0.810	<0.793	**5.92**	**2.17**	<0.982	<1.12	<0.989	**937**	**4,160**	**1.78**	<0.694	<5.11	**7.93**	<5.12	<0.819	<3.30	**19.7**	<0.851	<1.36	<0.590	<1.88	<1.09	<1.07	**13.3**	**8.79**	<0.704	**5.33**	**3.29**	**27,600**
		1101	**24.5**	<0.639	<1.34	<0.622	<0.413	<1.03	**175**	**1.17**	<0.793	**12.3**	**1.19**	<0.982	**1.23**	**2.39**	**223**	**585**	<0.983	<0.694	<5.11	**7.73**	<5.12	<0.819	<3.30	<3.07	<0.851	<1.36	<0.590	**4.78**	<1.09	<1.07	**5.01**	**3.43**	**8.70**	**2.87**	**1.84**	**6,240**
		1117	Vacuum Recovery Event Terminated																																			
		1217	**535**	<0.639	<1.34	**28.9**	<0.413	<1.03	**2,180**	<0.810	<0.793	**69.0**	**8.02**	**8.44**	<1.12	**2.30**	**1,980**	**12,400**	<0.983	<0.694	<5.11	**152**	<5.12	<0.819	<3.30	**391**	<0.851	<1.36	<0.590	<1.88	<1.09	<1.07	**11.8**	**9.52**	<0.704	**13.2**	**6.89**	**67,700**
	3/31/2022	1241	**128**	**4.44**	<1.34	**3.21**	<0.413	<1.03	**420**	<0.810	<0.793	**31.7**	**2.90**	**5.20**	**1.26**	<0.989	**383**	**1,850**	**3.07**	<0.694	<5.11	**17.8**	<5.12	<0.819	<3.30	**85.5**	<0.851	<1.36	<0.590	**14.7**	<1.09	<1.07	**16.5**	**9.82**	<0.704	**8.32**	**3.75**	**12,900**
	4/6/2022	1157	<1,490	<319	<388	<311	<207	<515	**32,400**	<405	<396	**1,290**	<434	<491	<562	<495	**37,200**	**370,000**	<492	<347	<2,560	<1,840	<2,560	**11,300**	<1,650	**12,100**	<425	<679	<295	<942	<544	<536	<491	<491	<352	<867	<434	**1,430,000**
	4/11/2022	0924	<238	<51.1	<62.1	<49.8	<33.0	<82.5	**39,600**	<64.8	<63.4	**1,510**	<69.4	<78.5	<89.9	<79.1	**37,400**	**483,000**	<78.7	<55.6	<409	<295	<409	<65.5	<264	**6,860**	<68.1	<109	<47.2	<151	<87.0	<85.7	<78.5	<78.5	<56.3	<139	<69.4	**1,460,000**
		0925	Initiate Vacuum Recovery Event																																			
		0949	**52.3**	<0.639	<0.776	**1.09**	<0.413	<1.03	**3,190**	<0.810	<0.793	**7.99**	**2.12**	<0.982	**1.16**	**1.41**	**6,220**	**2,430**	**1.10**	<0.694	<5.11	**37.7**	<5.12	<0.819	<3.30	**27.5**	<0.851	<1.36	<0.590	**5.61**	<1.09	<1.07	**5.64**	**6.43**	<0.704	**4.47**	**2.90**	**140,000**
		1030	**41.1**	<0.639	<0.776	<0.622	<0.413	<1.03	**188**	<0.810	<0.793	**23.9**	**1.35**	<0.982	**1.40**	**1.73**	**366**	**1,280**	<0.983	<0.694	<5.11	**14.3**	<5.12	<0.819	<3.30	**24.5**	<0.851	<1.36	<0.590	**16.5**	<1.09	<1.07	**3.30**	**3.64**	<0.704	**3.52**	**1.94**	**9,010**
		1045	Vacuum Recovery Event Terminated																																			
		1155	**183**	<0.639	**2.01**	**7.03**	<0.413	<1.03	**706**	<0.810	<0.793	**14.6**	**1.48**	<0.982	**1.24**	**1.46**	**928**	**10,500**	**1.03**	<0.694	<5.11	**42.5**	**5.32**	<0.819	<3.30	**139**	<0.851	<1.36	<0.590	**18.7**	<1.09	<1.07	**5.10**	**3.73**	<0.704	**4.51**	**1.99**	**31,300**
	4/20/2022	1157	<238	<51.1	<62.1	<49.8	<33.0	<82.5	**16,000**	<64.8	<63.4	**956**	<69.4	<78.5	<89.9	<79.1	**27,000**	**144,000**	<78.7	<55.6	<409	<295	<409	**2,400**	<264	**5,850**	<68.1	<109	<47.2	<151	<87.0	<85.7	<78.5	**93.3**	<56.3	<139	<69.4	**735,000**
	4/25/2022	0805	<1,190	<256	<311	<249	<165	<412	**465,000**	<324	<317	**3,680**	<347	<393	<450	<396	**638,000**	**5,390,000**	<393	<278	<2,040	**12,300**	<2,050	<328	<1,320	**23,300**	<340	<543	<236	<753	<435	<429	<393	<393	<282	<694	<347	**7,720,000**
		0810	Initiate Vacuum Recovery Event																																			
		0833	**179**	<12.8	<15.5	<12.4	<8.26	<20.6	**2,680**	<16.2	<15.9	<47.1	<17.3	<19.6	<22.5	<19.8	**6,180**	**15,800**	<19.7	<13.9	<102	**161**	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	**23.9**	<14.1	<34.7	<17.3	**138,000**
		0912	**32.6**	<1.28	<1.55	<1.24	<0.826	<2.06	**413**	<1.62	<1.59	**8.48**	**2.79**	<1.96	<2.25	**2.54**	**1,470**	**3,400**	<1.97	<1.39	<10.2	**31.6**	<10.2	<1.64	<6.60	**11.5**	<1.70	<2.72	<1.18	<3.77	<2.18	<2.14	**12.2**	**23.1**	<1.41	**5.38**	**4.38**	**22,600**
		0928	Vacuum Recovery Event Terminated																																			
		1033	<1,190	**1,660**	<311	<249	<165	<412	**23,800**	<324	<317	**2,960**	**4,860**	**3,510**	<450	<396	**42,900**	**103,000**	**860**	<278	<2,040	<1,470	<2,050	<328	<1,320	**16,300**	<340	<543	<236	**14,500**	<435	<429	**2,730**	**1,110**	<282	**7,370**	**2,750**	**1,060,000**
	4/28/2022	1152	**544**	<0.639	<0.776	<0.622	<0.413	<1.03	**112**	<0.810	<0.793	**100**	**23.5**	<0.982	<1.12	<0.989	**148**	**1,100**	**7.57**	<0.694	<5.11	**25.7**	**8.31**	<0.819	<3.30	**106**	<0.851	<1.36	<0.590	**113**	<1.09	<1.07	**26.6**	**17.2**	<0.704	**47.3**	**20.8**	**22,600**
	5/5/2022	1454	<1,190	<256	<311	<249	<165	<412	**30,500**	<324	<317	<943	<347	<393	<450	<396	**47,000**	**673,000**	<393	<278	<2,040	<1,470	<2,050	<328	<1,320	**8,900**	<340	<543	<236	<753	<435	<429	<393	<393	<282	<694	<347	**1,430,000**
	5/9/2022	0958	<1,190	<256	<311	<249	<165	<412	**49,200**	<324	<317	**2,660**	<347	<393	<450	<396	**66,300**	**850,000**	<393	<278	<2,040	**3,480**	<2,050	<328	<1,320	**26,100**	<340	<543	<236	<753	<435	<429	<393	<393	<282	<694	<347	**2,380,000**
		1000	Initiate Vacuum Recovery Event																																			
		1020	**333**	<0.639	<0.776	**1.34**	**1.81**	<1.03	**995**	<0.810	<0.793	**42.4**	**4.07**	**17.1**	<1.12	**1.20**	**2,530**	**8,780**	<0.983	<0.694	<5.11	**203**	<5.12	<0.819	**5.09**	**76.2**	<0.851	<1.36	<0.590	<1.88	<1.09	<1.07	**12.9**	**20.8**	<0.704	**7.02**	**5.94**	**54,100**
		1057	**90.8**	<0.639	<0.776	<0.622	**2.85**	<1.03	**159**	<0.810	<0.793	**13.3**	<0.867	**1.08**	**1.31**	**1.81**	**385**	**1,040**	<0.983	<0.694	<5.11	**33.6**	<5.12	<0.819	<3.30	**13.7**	<0.851	<1.36	<0.590	<1.88	<1.09	<1.07	**1.54**	**2.56**	<0.704	<1.73	**1.03**	**8,220**
		1105	Vacuum Recovery Event Terminated																																			
		1218	**130**	**1.41**	**6.83**	**31.0**	**15.5**	<1.03	**3,090**	<0.810	<0.793	**32.2**	**3.73**	**7.02**	<1.12	<0.989	**6,260**	**4,830**	**1.60**	<0.694	<5.11	**193**	<5.12	<0.819	<3.30	**403**	<0.851	<1.36	<0.590	**6.37**	<1.09	<1.07	**8.59**	**15.2**	<0.704	**5.64**	**5.03**	**124,000**
	5/19/2022	1315	<238	<51.1	<62.1	<49.8	<33.0	<82.5	**104,000**	<64.8	<63.4	**1,070**	<69.4	<78.5	<89.9	<79.1	**183,000**	**1,340,000**	<78.7	**105**	<409	<295	<409	<65.5	<264	**4,130**	<68.1	<109	<47.2	<151	<87.0	<85.7	<78.5	<78.5	<56.3	<139	<69.4	**4,750,000**
	5/23/2022	1015	**12,100**	<51.1	<62.1	<49.8	<33.0	<82.5	**558,000**	<96.2	<63.4	<189	<69.4	633	<89.9	<79.1	**912,000**	**8,140,000**	<78.7	<55.6	<409	**14,100**	<409	<65.5	<264	**7,740**	<68.1	<109	<47.2	<151	<87.0	<85.7	**376**	**854**	<56.3	<139	<69.4	**27,600,000**
		1017	Initiate Vacuum Recovery Event																																			
		1100	<238	<51.1	<62.1	<49.8	<33.0	<82.5	**13,400**	<64.8	<63.4	**549**	<69.4	**158**	<89.9	<79.1	**70,800**	**263,000**	<78.7	<55.6	<409	**1,090**	<409	<65.5	<264	**7,450**	<68.1	<109	<47.2	<151	<87.0	<85.7	**86.9**	**215**	<56.3	<139	<69.4	**702,000**
		1200	**927**	<12.8	<15.5	<12.4	<10.6	<20.6	**6,410**	<16.2	<15.9	**196**	<17.3	**185**	<22.5	<19.8	**15,200**	**50,400**	<19.7	<13.9	<102	**590**	<102	<16.4	<66.0	**263**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**121**	**271**	<14.1	<34.7	<17.3	**450,000**
		1215	Vacuum Recovery Event Terminated																																			
		1355	**4,350**	<51.1	<62.1	<49.8	**88.6**	<82.5	**16,300**	<64.8	<63.4	**562**	<69.4	**146**	<89.9	<79.1	**47,000**	**154,000**	<78.7	<55.6	<409	**1,580**	<409	<65.5	<264	**7,520**	<68.1	<109	<47.2	<151	<87.0	<85.7	**85.9**	**205**	<56.3	<139	<64.4	**785,000**
	5/26/2022	1250	**49,400**	<1,280	<1,550	<1,240	<826	<2,060	**196,000**	<1,620	<1,590	**12,900**	<1,730	<1,960	<2,250	<1,980	**336,000**	**28,000,000**	<1,970	<1,390	<10,200	**8,230**	<10,200	<1,640	<6,600	**161,000**	<1,700	<2,720	<1,180	<3,770	<2,180	**2,330**	<1,960	<1,960	<1,410	<3,470	<1,730	**8,260,000**
	6/1/2022	1405	**8,290**	<256	<311	<249	<165	<412	**444,000**	<324	<317	**1,420**	<347	<393	<450	<396	**634,000**	**4,580,000**	<393	<278	<2,040	**6,100**	<2,050	<328	<1,320	**14,900**	<340	<543	<236	<753	<435	<429	<393	<393	<282	<694	<347	**22,600,000**
	6/8/2022	1033	<23,800	<5,100	<6,210	<4,980	<3,300	<8,250	**231,000**	<6,480	<6,340	**28,800**	<6,940	<7,850	<8,990	<7,910	**470,000**	**3,700,000**	<7,870	<5,560	<40,900	<29,500	<40,900	**18,600**	<26,400	**531,000**	<6,810	<10,900	<4,720	<15,100	<8,700	<8,570	<7,850	<7,850	<5,630	<13,900	<6,940	**15,900,000**
		1035	Initiate Vacuum Recovery Event																																			
		1058	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	**4,340**	<16.2	<15.9	**60.9**	**30.8**	**56.4**	<22.5	<19.8	**13,300**	**32,900**	<19.7	<13.9	<102	**97.0**	<102	<16.4	<66.0	**166**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**70.7**	**135**	<14.1	**37.9**	**30.9**	**220,000**
		1138	<2.97	**2.17**	<0.776	**9.65**	**1.80**	<1.03	**1,390**	<0.810	<0.793	**31.7**	**11.4**	**28.8**	**1.31**	**2.37**	**4,620**	**906**	**3.85**	<0.694	<5.11	**53.4**	<5.12	<0.819	**4.45**	**72.5**	<0.851	**1.89**	<0.590	**13.0**	<1.09	**3.89**	**36.2**	**60.4**	<0.704	**16.3**	**12.5**	**98,700**
		1153	Vacuum Recovery Event Terminated																																			
		1300	<59.4	<12.8	**17.5**	**30.3**	**45.4**	<20.6	**14,300**	<16.2	<15.9	**83.9**	**24.4**	**34.8**	<22.5	<19.8	**45,000**	**135,000**	<19.7	<13.9	<102	**985**	<102	<16.4	<66.0	**804**	<17.0	<27.2	<11.8	**40.7**	<21.8	<21.4	**43.2**	**83.9**	<14.1	**35.3**	**27.8**	**1,020,000**
	6/9/2022	1333	<238	<51.1	<62.1	**53.2**	<33.0	<82.5	**30,900**	<64.8	<63.4	**1,250**	<69.4	<78.5	<89.9	<79.1	**76,100**	**279,000**	<78.7	**87.5**	<409	**1,540**	<409	<65.5	<264	**12,500**	<68.1	<109	<47.2	<151	<87.0	<85.7	<78.5	**223**	<56.3	<139	**79.3**	**1,220,000**
	6/12/2022	1315	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	**5,960**	<16.2	<15.9	**790**	<17.3	<19.6	<22.5	<19.8	**7,930**	**108,000**	<19.7	**85.1**	<102	**563**	<102	520	<66.0	**11,700**	<17.0	**46.0**	<11.8	**64.8**	<21.8	<21.4	<19.6	**26.7**	<14.1	<34.7	<17.3	**271,000**
	6/20/2022	1015	<238	<51.1	<62.1	<49.8	<33.0	<82.5	**189,000**	<64.8	<63.4	<189	<69.4	**242**	<89.9	<79.1	**319,000**	**3,240,000**	<78.7	<55.6	<409	**7,960**	<409	<65.5	<264	**12,700**	<68.1	<109	<47.2	<151	<87.0	<85.7	**124**	**314**	<56.3	**157**	**105**	**10,600,000**
		1040	Initiate Vacuum Recovery Event																																			
		1148	**137**	<12.8	<15.5	<12.4	<8.26	<20.6	**1,390**	<16.2	<15.9	<47.1	<17.3	**57.4**	<22.5	<19.8	**3,870**	**14,200**	<19.7	<13.9	<102	**130**	<102	<16.4	<66.0	**112**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**39.3**	**78.0**	<14.1	<34.7	<17.3	**92,900**
		1256	**95.5**	<0.639	<0.776	<0.622	<0.413	<1.03	**475**	<0.810	<0.793	**19.0**	<0.867	**15.5**	<1.12	**2.19**	**1,060**	**2,440**	<0.983	<0.694	<5.11	**64.9**	<5.12	<0.819	<3.30	**47.2**	<0.851	<1.36	<0.590	<1.88	<1.09	<1.07	**23.1**	**36.5**	<0.704	**5.68**	**5.46**	**35,100**
		1257	Vacuum Recovery Event Terminated																																			
		1403	**197**	<0.639	<0.776	<0.622	<0.413	<1.03	**1,050**	<0.810	<0.793	**18.6**	<0.867	**7.21**	<1.12	<0.989	**2,070**	**15,700**	<0.983	<0.694	<5.11	**102**	<5.12	<0.819	<3.30	**113**	<0.851	<1.36	<0.590	<1.88	<1.09	<1.07	**8.69**	**17.0**	<0.704	**3.90**	**3.65**	**88,000**
	6/23/2022	1305	**14,000**	<639	<776	<622	<413	<1,030	**48,600**	<810	<793	**3,260**	<867	<982	<1,120	<989	**107,000**	**702,000**	<983	<694	<5,110	<3,690	<5,120	<819	<3,300	**48,700**	<851	<1,360	<590	<1,880	<1,090	<1,070	<982	<982	<704	<1,730	<867	**2,210,000**
	6/29/2022	1255	**27,300**	<51.1	<62.1	**161**	<33.0	<82.5	**339,000**	<64.8	<63.4	**1,690**	<69.4	**314**	<89.9	<79.1	**450,000**	**3,320,000**	<78.7	<55.6	<409	**19,000**	<409	<65.5	<264	**13,600**	<68.1	<109	<47.2	<151	<87.0	<85.7	**149**	**453**	<56.3	<139	<69.4	**19,600,000**
	7/7/2022	1340	**15,500**	<1,190	<311	<249	<165	<412	**166,000**	<324	<317	**3,190**	<347	<393	<450	<396	**303,000**	**2,470,000**	<393	<278	<2,040	**12,200**	<2,050	<328	<1,320	**14,500**	<340	<543	<236	<753	<435	<429	<393	<393	<282	<694	<347	**6,650,000**
	7/13/2022	1315	<238	<51.1	<62.1	<49.8	<33.0	<82.5	<55.1	<64.8	<63.4	<189	<69.4	**258**	<89.9	<79.1	**781,000**	**6,030,000**	<78.7	<55.6	<409	**28,100**	<409	<65.5	<264	**6,640**	<68.1	<109	<47.2	<151	<87.0	<85.7	**266**	**623**	<56.3	<139	**251**	**24,500,000**

Released to Imaging: 2/3/2025 11:19:49 AM

Received by OCD: 4/26/2024 9:04:45 AM

ENSOLUM

TABLE 4
AIR SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001

Sample Designation	Date	Time	(ug/m3)																																		
			Acetone	Benzene	Bromomethane	Carbon disulfide	Chloromethane	2-Chlorotoluene	Cyclohexane	1,2-Dichloroethane	cis-1,2-Dichloroethene	Ethanol	Ethylbenzene	4-Ethyltoluene	Trichlorofluoromethane	Dichlorodifluoromethane	Heptane	n-Hexane	Isopropylbenzene	Methylene Chloride	Methyl Butyl Ketone	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Methyl methacrylate	Naphthalene	2-Propanol	Styrene	Tetrachloroethylene	Tetrahydrofuran	Toluene	1,1,1-Trichloroethane	Trichloroethylene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m&p-Xylene	o-Xylene	TPH (GC/MS) Low Fraction
Levey Well	7/18/2022	1135	**22,000**	<256	<311	<249	<165	<412	**995,000**	<324	<317	<943	<347	**479**	<450	<396	**1,020,000**	**12,300,000**	<393	<278	<2,040	**19,200**	<2,050	<328	<1,320	**13,900**	<340	<543	<236	<753	<435	<429	<393	**667**	<282	<694	<347	**46,700,000**
		1224	Initiate Vacuum Recovery Event																																		
		1355	**356**	**693**	<15.5	**14.8**	<8.26	<20.6	**4,370**	<16.2	<15.9	<47.1	**806**	**135**	<22.5	<19.8	**3,930**	**24,000**	**52.1**	<13.9	<102	**363**	<102	<16.4	<66.0	**131**	<17.0	<27.2	<11.8	**2,230**	<21.8	<21.4	**153**	**161**	<14.1	**494**	**170**	**258,000**
		1435	Vacuum Recovery Event Terminated																																		
		1625	**342**	<12.8	<15.5	**15.1**	<8.26	<20.6	**2,520**	<16.2	<15.9	<47.1	**35.8**	**27.3**	<22.5	<19.8	**4,620**	**18,600**	<19.7	<13.9	<102	**229**	<102	<16.4	<66.0	**418**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**52.0**	**57.9**	<14.1	<34.7	**19.0**	**131,000**
	7/20/2022	1335	**13,600**	<1,280	<1,550	<1,240	<826	<2,060	**82,700**	<1,620	<1,590	**4,750**	<1,730	<1,960	<2,250	<1,980	**107,000**	**610,000**	<1,970	<1,390	<10,200	<7,370	<10,200	<1,640	<6,600	**43,500**	<1,700	**3,900**	<1,180	<3,770	<2,180	<2,140	<1,960	<1,960	<1,410	<3,470	<1,730	**3,630,000**
	7/27/2022	1238	<297	<63.9	<77.6	<62.2	<41.3	<103	**6,370**	<81.0	<79.3	**245**	<86.7	<98.2	<112	<98.9	**11,800**	**1,610,000**	<98.3	<69.4	<511	**422**	<512	<81.9	<330	**2,930**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**339,000**
	8/1/2022	1113	**13,100**	<63.9	<77.6	<62.2	<41.3	<103	<68.9	<81.0	<79.3	**3,510**	<86.7	**241.0**	<112	<98.9	**299,000**	**1,910,000**	<98.3	<69.4	<511	**9,580**	<512	<81.9	<330	**52,100**	<85.1	**1,470**	<59.0	<188	<109	**361**	**350**	**530**	<70.4	<173	**186**	<8,260,000
		1115	Initiate Vacuum Recovery Event																																		
		1220	**67.5**	<0.639	<0.776	**2.36**	**1.63**	<1.03	<0.689	<0.810	<0.793	**97.7**	**3.77**	**2.36**	<1.12	**1.95**	**321**	**892**	<0.983	**16.9**	<5.11	**27.9**	**12.0**	<0.819	<3.30	**58.0**	<0.851	<1.36	<0.590	**40.7**	<1.09	<1.07	**4.31**	**5.45**	<0.704	**9.67**	**5.07**	**9,210**
		1328	**525**	<0.639	**0.877**	**10.1**	**3.51**	<1.03	<0.689	<0.810	<0.793	**37.0**	**3.20**	**4.29**	<1.12	**1.97**	**265**	**1,210**	**1.41**	<0.694	**164**	**548**	**84.7**	<0.819	<3.30	**237**	<0.851	<1.36	<0.590	**3.56**	<1.09	<1.07	**8.44**	**8.64**	<0.704	**5.16**	**2.92**	**12,200**
		1330	Vacuum Recovery Event Terminated																																		
		1435	**5,110**	<12.8	<15.5	**140**	**36.4**	<20.6	<13.8	<16.2	<15.9	**215**	<17.3	**105**	<22.5	<19.8	**15,000**	**39,100**	<19.7	<13.9	**1,020**	**3,800**	**540**	<16.4	<66.0	**2,530**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	**163**	**227**	<14.1	**53.8**	**55.9**	<330,000
	8/4/2022	1358	<238	<51.1	<62.1	**229**	<33.0	<82.5	**49,600**	<123	<63.4	**1,680**	<69.4	**112**	<89.9	<112	**101,000**	**568,000**	<78.7	**135**	<409	<7,370	<409	<65.5	<264	**17,600**	<68.1	<109	<47.2	<151	<87.0	<85.7	**126**	**251**	<56.3	<139	**108**	**3,060,000**
	8/10/2022	1353	<238	<51.1	<62.1	**58.5**	<33.0	<82.5	**65,100**	<64.8	**69.4**	**1,150**	<69.4	<78.5	<89.9	<79.1	**121,000**	**1,200,000**	<78.7	**60.1**	<409	**2,920**	<409	<65.5	<264	**17,300**	<68.1	<109	<47.2	<151	<87.0	<85.7	<78.5	<78.5	<56.3	<139	<69.4	**1,660,000**
	8/15/2022	0953	<594	<128	<155	**280**	<82.6	<206	**544,000**	<162	<159	**3,150**	<173	<196	<225	<198	**924,000**	**6,870,000**	<197	<139	<1,020	<737	<1,020	**1,430**	<660	<615	<170	<272	<118	<377	<218	<214	<196	**281**	<141	<347	<173	**22,100,000**
		1150	Initiate Vacuum Recovery Event																																		
		1258	**416**	<0.639	<0.776	**2.04**	<0.413	<1.03	**1,750**	<0.810	<0.793	**31.1**	<0.867	<0.982	<1.12	**1.52**	**3,170**	**10,500**	<0.983	<0.694	<5.11	**181**	<5.12	<0.819	<3.30	**42.3**	<0.851	<1.36	<0.590	<1.88	<1.09	<1.07	**9.87**	**21.1**	<0.704	**9.58**	<0.867	**88,000**
		1405	**611**	<3.19	<3.88	<3.11	<2.07	<5.15	**1,630**	<4.05	<3.96	**46.2**	<4.34	<4.91	<5.62	<4.95	**1,390**	**5,540**	<4.92	<3.47	<25.6	**226**	<25.6	<4.09	<16.5	**88.7**	<4.25	<6.79	<2.95	<9.42	<5.44	<5.36	**11.2**	**20.9**	<3.52	**14.2**	<4.34	**79,300**
		1405	Vacuum Recovery Event Terminated																																		
		1513	**3,800**	<63.9	<77.6	<62.2	<41.3	<103	**9,260**	<81.0	<79.3	**2,680**	<86.7	<98.2	<112	<98.9	**19,100**	**75,800**	<98.3	<69.4	<511	**1,750**	<512	<81.9	<330	**42,500**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**504,000**
	8/18/2022	1231	<238	<51.1	<62.1	**246**	<33.0	<82.5	**146,000**	<64.8	<63.4	**769**	<69.4	<78.5	<89.9	<79.1	**295,000**	**1,370,000**	<78.7	**63.9**	<409	**6,250**	<409	<65.5	<264	**15,500**	<68.1	<109	<47.2	<151	<87.0	<85.7	<78.5	**148**	<56.3	<139	**95.4**	**7,520,000**
	8/24/2022	1147	<297	<63.9	<77.6	<62.2	<41.3	<103	**585,000**	<81.0	<79.3	<236	<86.7	<98.2	<112	<98.9	**1,050,000**	**8,950,000**	<98.3	<69.4	<511	**13,900**	<512	<81.9	<330	**13,500**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**40,800,000**
	8/31/2022	1247	**132,000**	<256	<311	<249	<165	<412	**71,300**	<324	<317	**1,430**	<347	<393	<450	<396	**112,000**	**959,000**	<393	<278	<2,040	**3,660**	**5,530**	<328	<1,320	**16,500**	<340	<543	<236	<753	<435	<429	<393	<393	<282	<694	<347	**2,480,000**
	9/8/2022	1247	**57,500**	<1,280	<1,550	<1,240	<826	<2,060	**403,000**	<1,620	<1,590	**5,640**	<1,730	<1,960	<2,250	<1,980	**646,000**	**6,030,000**	<1,970	<1,390	<10,200	**46,600**	<10,200	<1,640	<6,600	**30,200**	<1,700	<2,720	<1,180	<3,770	<2,180	<2,140	<1,960	<1,960	**49,700**	<3,470	<1,730	**19,800,000**
	9/15/2022	1342	<149	<31.9	<38.8	**47.0**	<20.7	<51.5	**29,100**	<40.5	<39.6	**1,330**	<43.4	<49.1	<56.2	<49.5	**59,700**	**353,000**	<49.2	**77.8**	<256	**1,350**	<256	<40.9	<165	**6,070**	<42.5	**80.1**	<29.5	<94.2	<54.4	<53.6	<49.1	<49.1	<35.2	<86.7	<43.4	**830,000**
	9/22/2022	1337	**151,000**	<2,560	<3,110	<2,490	<1,650	<4,120	**554,000**	<3,240	<3,170	**288,000**	**3,590**	<3,930	<4,500	<3,960	**573,000**	**35,200,000**	<3,930	<2,780	<20,400	**57,200**	<20,500	**7,700**	<13,200	**6,930,000**	**4,110**	**33,800**	<2,360	**17,100**	<4,350	<4,290	**6,090**	<3,930	<2,820	**14,000**	**6,680**	**27,700,000**
	9/26/2022	1046	**39,900**	<639	<776	<622	<413	<1,030	**641,000**	<810	<793	**5,710**	<867	<982	<1,120	<989	**1,060,000**	**9,450,000**	<983	<694	<5,110	**20,100**	<5,120	<819	<3,300	**38,100**	<851	<1,360	<590	<1,180	<1,090	<1,070	<982	<982	<704	<1,730	<867	**19,600,000**
		1255	Initiate Vacuum Recovery Event																																		
		1403	**337**	<12.8	<15.5	<12.4	<8.26	<20.6	**4,170**	<16.2	<15.9	<47.1	<17.3	<19.6	<22.5	<19.8	**4,830**	**33,700**	<19.7	<13.9	<102	**292**	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<14.1	<34.7	<17.3	**189,000**
		1512	**116**	<12.8	<15.5	<12.4	<8.26	<20.6	**830**	<16.2	<15.9	**68.1**	<17.3	<19.6	<22.5	<19.8	**986**	**4,120**	<19.7	<13.9	<102	**104**	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<14.1	<34.7	<17.3	**39,100**
		1512	Vacuum Recovery Event Terminated																																		
		1609	**297**	<12.8	<15.5	<12.4	<8.26	<20.6	**2,100**	<16.2	<15.9	<47.1	<17.3	<19.6	<22.5	<19.8	**2,380**	**12,700**	<19.7	<13.9	<102	**330**	<102	<16.4	<66.0	**109**	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	**23.7**	<14.1	<34.7	<17.3	**88,400**
	9/28/2022	1215	**14,200**	<63.9	<77.6	**136**	<41.3	<103	**118,000**	<81.0	<79.3	<236	<86.7	<98.2	<112	<98.9	**241,000**	**1,110,000**	<98.3	<69.4	<511	**6,840**	<512	<81.9	<330	**6,660**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**4,790,000**
	10/4/2022	1327	<29,700	<6,390	<7,760	<6,220	<4,130	<10,300	**499,000**	<8,100	<7,930	**766,000**	<8,670	<9,820	<11,200	<9,890	**908,000**	**6,490,000**	<9,830	<6,940	<51,100	**66,900**	<51,200	**188,000**	<33,000	**3,440,000**	<8,510	**27,500**	<5,900	<18,800	<10,900	<10,700	<9,820	<9,820	<7,040	<17,300	<8,670	**32,000,000**
	10/10/2022	1226	**15,900**	<128	<155	**128**	<82.6	<206	**413,000**	<162	<159	**2,070**	<173	<196	<225	<198	**658,000**	**7,760,000**	<197	<139	<1,020	**11,900**	<1,020	<164	<660	**9,510**	<170	<272	<118	<377	<218	**1,390**	<196	**206**	<141	<347	<173	**24,600,000**
		1230	Initiate Vacuum Recovery Event																																		
		1326	**71.1**	**1.52**	<0.776	**0.741**	**9.21**	<1.03	**1,400**	<0.810	<0.793	**14.8**	<0.867	**3.48**	<1.12	**1.36**	**3,850**	**14,900**	<0.983	**0.913**	<5.11	**109**	**6,840**	<0.819	<3.30	**8.50**	<0.851	<1.36	<0.590	**3.08**	<1.09	<1.07	**5.79**	**8.05**	<0.704	**4.94**	**2.65**	**124,000**
		1438	**94.8**	**0.923**	<0.776	**0.672**	**2.58**	<1.03	**1,280**	<0.810	<0.793	**16.3**	<0.867	**2.65**	<1.12	**1.63**	**3,040**	**13,400**	<0.983	**0.934**	<5.11	**92.0**	<5.12	<0.819	<3.30	**120**	<0.851	<1.36	<0.590	**1.96**	<1.09	<1.07	**2.68**	**6.43**	<0.704	<0.867	**1.82**	**104,000**
		1438	Vacuum Recovery Event Terminated																																		
		1538	<2.97	**4.12**	<0.776	**15.5**	**16.6**	<1.03	**14,500**	<0.810	<0.793	**120**	<0.867	**23.3**	<1.12	<0.989	**34,700**	**122,000**	<0.983	<0.694	<5.11	**263**	<5.12	<0.819	<3.30	**49.2**	<0.851	<1.36	<0.590	**9.15**	<1.09	<1.07	**19.6**	**56.0**	<0.704	**12.7**	**17.6**	**698,000**
	10/14/2022	1136	**21,900**	<128	<155	**181**	<82.6	<206	**121,000**	<162	<159	**2,000**	<173	<196	<225	<198	**193,000**	**2,850,000**	<197	<139	<1,020	**8,880**	<1,020	<164	<660	**6,490**	<170	<272	<118	<377	<218	<214	<196	<196	<141	<347	<173	**3,990,000**
	10/19/2022	1350	**10,600**	<63.9	<77.6	<62.2	<41.3	<103	**382,000**	<81.0	<79.3	<236	<86.7	<98.2	<112	<98.9	**769,000**	**6,280,000**	<98.3	<69.4	<511	**9,170**	<512	<81.9	<330	**6,190**	<85.1	**760**	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**22,600,000**
	10/24/2022	1100	**13,700**	<63.9	<77.6	<62.2	<41.3	<103	**88,200**	<81.0	<79.3	**6,200**	**211**	**339**	<112	<98.9	**174,000**	**1,030,000**	<98.3	<69.4	<511	**6,900**	<512	<81.9	<330	**12,300**	<170	<136	<59.0	**1,020**	<109	<107	**312**	**226**	<70.4	**806**	**273**	<4,130,000
		1100	Initiate Vacuum Recovery Event																																		
		1208	<59.4	**15.4**	<15.5	<12.4	<8.26	<20.6	<13.8	<16.2	<15.9	**207**	**22.1**	<19.6	<22.5	<19.8	**22.2**	**62.8**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	**96.8**	<21.8	<21.4	<19.6	<19.6	<14.1	**43.3**	**17.4**	<16,500
		1308	**97.4**	<0.639	<0.776	**4.45**	**2.07**	<1.03	**149**	<0.810	<0.793	**57.9**	**1.21**	<0.982	<1.12	**2.45**	**442**	**1,290**	<0.983	<0.694	<5.11	**61.3**	<5.12	<0.819	<3.30	**31.0**	<0.851	<1.36	<0.590	<1.88	<1.09	<1.07	**2.36**	**5.45**	<0.704	**3.86**	**1.53**	**9,670**
		1308	Vacuum Recovery Event Terminated																																		
		1408	**335**	<0.639	<0.776	<622	<413	<1.03	**2,270**	<0.810	<0.793	<2.36	<0.867	<0.982	<1.12	<0.989	**3,730**	**18,400**	<0.983	<0.694	<5.11	**234**	<5.12	<0.819	<3.30	<3.07	<0.851	<1.36	<0.590	<1.88	<1.09	<1.07	**2.62**	**5.60**	<0.704	**4.55**	**2.10**	**74,400**
	10/27/2022	1337	**7,680**	<639	<776	<622	<413	<1,030	**33,300**	<810	<793	**4,530**	<867	<982	<1,120	<989	**49,100**	**348,000**	<983	<694	<5,110	<3,690	<5,120	<819	<3,300	**17,900**	<851	<1,360	<590	<1,880	<1,090	<1,070	<982	<982	<704	<1,730	<867	**1,670,000**
	11/2/2022	1339	<5,940	<1,280	<1,550	<1,240	<826	<2,060	**64,400**	<1,620	<1,590	**6,340**	<1,730	<1,960	<2,250	<1,980	**130,000**	**702,000**	<1,970	<1,390	<10,200	**11,500**	<10,200	<1,640	<6,600	**30,000**	<1,700	<2,720	<1,180	<3,770	<2,180	<2,140	<1,960	<1,960	<1,410	<3,470	<1,730	**4,040,000**
	11/7/2022	1115	<297	<66.9	<77.6	<62.2	<41.3	<103	**209,000**	<81.0	<79.3	<236	<86.7	<98.2	<112	<98.9	**299,000**	**825,000**	<98.3	<69.4	<511	**12,600**	<512	<81.9	<330	**24,400**	<85.1	<136	<59.0	**241**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**12,500,000**
		1203	Initiate Vacuum Recovery Event																																		
		1310	**775**	<12.8	<15.5	<12.4	<8.26	<20.6	**1,420**	<16.2	<15.9	**78.1**	<17.3	<19.6	<22.5	<19.8	**4,020**	**10,700**	<19.7	<13.9	<102	**273**	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<14.1	<34.7	<17.3	**84,300**
		1415	**323**	<3.19	<3.88	<3.11	<2.07	<5.15	**323**	<4.05	<3.96	**27.0**	<4.34	<4.91	<5.62	<4.95	**859**	**2,250**	<4.92	<3.47	<25.6	**64.6**	<25.6	<4.09	<16.5	**15.6**	<4.25	<6.79	<2.95	<9.42	<5.44	<5.36	<4.91	<4.91	<3.52	<8.67	<4.34	**22,300**
		1415	Vacuum Recovery Event Terminated																																		
		1515	**13,100**	<63.9	<77.6	<62.2	<41.3	<103	**9,160**	<81.0	<79.3	**10,300**	<86.7	<98.2	<112	<98.9	**22,500**	**73,300**	<98.3	<69.4	<511	**2,670**	<512	<81.9	<330	**18,400**	<85.1	<136	<59.0	**195**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**483,000**
	11/9/2022	1318	**11,100**	<63.9	<77.6	<62.2	<41.3	<103	**16,600**	<81.0	<79.3	**4,710**	<86.7	<98.2	**123**	**173**	**56,900**	**183,000**	<98.3	**1,160**	<511	**3,130**	<512	<81.9	<330	**18,900**	**88.0**	**767**	<59.0	**844**	<109	<107	<98.2	<98.2	<70.4	**271**	**87.6**	**1,050,000**

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ENSOLUM

TABLE 4
AIR SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001

Sample Designation	Date	Time	(ug/m3)																																		
			Acetone	Benzene	Bromomethane	Carbon disulfide	Chloromethane	2-Chlorotoluene	Cyclohexane	1,2-Dichloroethane	cis-1,2-Dichloroethene	Ethanol	Ethylbenzene	4-Ethyltoluene	Trichlorofluoromethane	Dichlorodifluoromethane	Heptane	n-Hexane	Isopropylbenzene	Methylene Chloride	Methyl Butyl Ketone	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Methyl methacrylate	Naphthalene	2-Propanol	Styrene	Tetrachloroethylene	Tetrahydrofuran	Toluene	1,1,1-Trichloroethane	Trichloroethylene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m&p-Xylene	o-Xylene	TPH (GC/MS) Low Fraction
Levey Well	11/16/2022	1335	**34,900**	<639	<776	<622	<413	<1,030	<689	<810	<793	**35,600**	<867	<982	<1,120	<989	**267,000**	**3,840,000**	<983	<694	<5,110	**19,500**	<5,120	<819	<3,300	**35,200**	<851	<1,360	<590	<1,180	<1,090	<1,070	<982	<982	<704	<1,730	<867	**12,800,000**
	11/21/2022	1115	**65,800**	<639	<776	<622	<413	<1,030	<689	<810	<793	**16,900**	<867	<982	<1,120	<989	**642,000**	**10,900,000**	<983	<694	<5,110	**33,000**	<5,120	<819	<3,300	**35,400**	<851	**1,620**	<590	<1,180	<1,090	<1,070	<982	<982	<704	<1,730	<867	**38,900,000**
	11/30/2022	1316	<297	<63.9	<77.6	<62.2	<41.3	<103	**458,000**	<81.0	<79.3	<236	<86.7	<98.2	<112	<98.9	**757,000**	**6,200,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	<307	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**27,200,000**
	12/5/2022	1207	<297	<63.9	<77.6	<62.2	<41.3	<103	**1,020**	<81.0	<79.3	**5,620**	**1,210**	**393**	<112	<98.10	**3,390**	**8,850**	**135**	**434**	<511	**448**	<512	<81.9	<330	**17,500**	<85.1	<136	<59.0	**403**	<109	**139**	**1,110**	**351**	<70.4	**2,290**	**295**	**116,000**
		1209	Initiate Vacuum Recovery Event																																		
		1327	<297	<63.9	<77.6	<62.2	<41.3	<103	<68.9	<81.0	<79.3	**5,390**	**551**	**346**	<112	<98.9	**1,420**	**4,940**	<98.3	**361**	<511	<369	<512	<81.9	<330	**15,900**	<85.1	<136	<59.0	**256**	<109	**191**	**613**	**177**	<70.4	**1,110**	**157**	<82,600
		1427	<297	<62.6	<77.6	<62.2	<41.3	<103	**4,480**	<81.0	<79.3	**6,300**	<1,730	**21,300**	<112	<98.9	**4,130**	**166,000**	**6,000**	<69.4	<511	<369	<512	<81.9	<330	**12,800**	<85.1	<136	<59.0	<9,420	<109	<107	**25,000**	**8,640**	<70.4	<8,670	**15,500**	<4,130,000
		1427	Vacuum Recovery Event Terminated																																		
		1527	<297	<63.9	<77.6	<62.2	<41.3	<103	**6,990**	<81.0	<79.3	**6,180**	**352**	**144**	<112	<98.9	**17,900**	**64,200**	<98.3	<69.4	<511	**858**	<512	<81.9	<330	**23,200**	<85.1	<136	<59.0	<188	<109	<107	**409**	**139**	<70.4	**720**	**114**	**421,000**
	12/9/2022	1241	<2,970	<639	<776	<622	<413	<1,030	**162,000**	<810	<793	**9,370**	<867	<982	<1,112	<989	**265,000**	**3,110,000**	<983	<694	<5,110	**7,110**	<5,120	<819	<3,300	**19,100**	<851	<1,360	<590	<1,880	<1,090	<1,070	<982	<982	<704	<1,730	<867	**7,640,000**
	12/15/2022	1228	**20,600**	<1,280	<1,550	<1,240	<826	<2,060	**321,000**	<1,620	<1,590	**7,960**	<1,730	<1,960	<2,250	<1,980	**634,000**	**4,790,000**	<1,970	<1,390	<10,200	**12,200**	<10,200	<1,640	<6,600	**13,900**	<1,700	<2,720	<1,180	<3,770	<2,180	<2,140	<1,960	<1,960	<1,410	<3,470	<1,730	**16,300,000**
	12/19/2022	1141	<1,490	<319	<388	<311	<207	<515	**158,000**	<405	<396	**6,390**	<434	<491	<562	<495	**305,000**	**2,420,000**	<492	**941**	<2,560	**10,200**	<2,560	<409	<1,650	**7,010**	<425	<679	<295	<942	<544	<536	<491	<491	<352	<867	<434	**8,880,000**
		1143	Initiate Vacuum Recovery Event																																		
		1538	**105**	<12.8	<15.5	<12.4	<8.26	<20.6	**1,210**	<16.2	<15.9	<47.1	<17.3	<19.6	<22.5	<19.8	**3,310**	**7,510**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<14.1	<34.7	<17.3	**75,200**
		1638	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	**596**	<16.2	<15.9	<47.1	<17.3	<19.6	<22.5	<19.8	**1,170**	**3,910**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<14.1	<34.7	<17.3	**34,000**
		1638	Vacuum Recovery Event Terminated																																		
		1738	<59.4	<12.8	<15.5	<12.4	**29.9**	<20.6	**3,550**	<16.2	<15.9	<47.1	<17.3	<19.6	<22.5	<19.8	**6,130**	**21,200**	<19.7	<13.9	<102	**105**	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<14.1	<34.7	<17.3	**138,000**
	12/21/2022	1318	<297	<63.9	<77.6	<62.2	<41.3	<103	**88,200**	<81.0	<79.3	**6,980**	<86.7	<98.2	<112	<98.9	**195,000**	**2,290,000**	<98.3	**190**	<511	**4,810**	<512	<81.9	<330	**9,000**	<85.1	<136	<59.0	**302**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**2,240,000**
	12/29/2022	1320	**19,000**	<63.9	<77.6	<62.2	<41.3	<103	**93,300**	<81.0	<79.3	**6,280**	<86.7	<98.2	<112	<98.9	**181,000**	**1,310,000**	<98.3	<69.4	<511	**10,200**	<512	<81.9	<330	**11,000**	<85.1	<136	<59.0	**304**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**9,750,000**
	1/4/2023	1218	<297	<63.9	<77.6	**124**	<41.3	<103	**26,500**	<81.0	<79.3	**2,750**	<86.7	<98.2	<112	<98.9	**38,900**	**765,000**	<98.3	**76.4**	<511	**4,250**	<512	<81.9	<330	**4,820**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**1,170,000**
	1/9/2023	1110	<2,970	<63.9	<776	<622	<413	<103	**82,700**	<81.1	<793	**9,820**	<86.7	<98.2	<1,120	<989	**106,000**	**1,320,000**	<98.3	<694	<511	<3,690	<512	<81.9	<330	**53,800**	<85.1	<136	<590	<188	<1,090	<107	<98.2	**101**	<704	<173	<86.7	**1,720,000**
		1400	Initiate Vacuum Recovery Event																																		
		1507	<297	<63.9	<77.6	<62.2	<41.3	<103	**263**	<81.0	<79.3	**2,470**	<86.7	<98.2	<112	<98.9	**638**	**2,530**	<98.3	**77.8**	<511	<369	<512	<81.9	<330	**4,230**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	<82,600
		1608	<297	<63.9	<77.6	<62.2	<41.3	<103	**174**	<81.0	<79.3	**2,620**	<86.7	<98.2	<112	<98.9	**353**	**2,670**	<98.3	**74.7**	<511	<369	<512	<81.9	<330	**7,940**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	<82,600
		1608	Vacuum Recovery Event Terminated																																		
		1706	<297	<63.9	<77.6	<62.2	**64.6**	<103	**2,040**	<81.0	<79.3	**2,750**	<86.7	<98.2	<112	<98.9	**3,750**	**16,000**	<98.3	**79.2**	<511	<369	<512	<81.9	<330	**6,830**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**135,000**
	1/13/2023	1217	**9,510**	<63.9	<77.6	**95.6**	<41.3	<103	**43,400**	<81.0	<79.3	**4,880**	<86.7	<98.2	<112	<98.9	<81.8	**241,000**	<98.3	<69.4	<511	**3,270**	<512	<81.9	<330	**13,300**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**1,510,000**
	1/19/2023	1154	**35,200**	**492**	<77.6	**321**	<41.3	<103	**630,000**	<81.0	<79.3	**6,670**	**120**	<98.2	<112	<98.9	**72,400**	**705,000**	<98.3	**1,790**	<511	**2,840**	<512	<81.9	<330	**11,800**	<85.1	**162**	<59.0	**1,210**	<109	<107	<98.2	<98.2	<70.4	**252**	<86.7	**5,450,000**
	1/23/2023	1111	<29,700	<6,390	<7,760	<6,220	<4,130	<10,300	**486,000**	<8,100	<7,930	**1,260,000**	<8,670	<9,820	<11,200	<9,890	**109,000**	**864,000**	<9,830	**18,800**	<51,100	<36,900	<51,200	**40,900**	<33,000	**1,530,000**	<8,510	<13,600	<5,900	**27,200**	<10,900	<10,700	<9,820	<9,820	<7,040	<17,300	<8,670	**12,300,000**
		1113	Initiate Vacuum Recovery Event																																		
		1320	<297	<63.9	<77.6	<62.2	<41.3	<103	**1,770**	<81.0	<79.3	**3,560**	<86.7	<98.2	<112	<98.9	**589**	**3,740**	<98.3	**319**	<511	<369	<512	<81.9	<330	**27,500**	<85.1	**153**	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**116,000**
		1420	<297	<63.9	<77.6	<62.2	<41.3	<103	**1,040**	<81.0	<79.3	**4,000**	<86.7	<98.2	<112	<98.9	**362**	**2,780**	<98.3	**358**	<511	<369	<512	<81.9	<330	**10,600**	<85.1	**245**	<59.0	<188	<109	<107	<98.2	<98.2	**2,150**	<173	<86.7	**122,000**
		1420	Vacuum Recovery Event Terminated																																		
		1520	<297	<63.9	<77.6	<62.2	<41.3	<103	**2,240**	<81.0	<79.3	**4,200**	<86.7	<98.2	<112	<98.9	**646**	**4,410**	<98.3	**378**	<511	<369	<512	<81.9	<330	**12,800**	<85.1	**160**	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**109,000**
	2/2/2023	1205	**10,800**	<639	<776	<622	<413	<1,030	**413,000**	<810	<793	<2,360	<867	<982	<1,120	<989	**65,400**	**733,000**	<983	<694	<5,110	<3690	<5,120	<819	<3,300	**19,100**	<851	<1,360	<590	<1,180	<1,090	<1,070	<982	<982	<704	<1,730	<867	**5,160,000**
	2/7/2023	1105	**5,940**	<639	<776	<622	<413	<1,030	**207,000**	<810	<793	<2,360	<867	<982	<1,120	<989	**34,200**	**213,000**	<983	<694	<5,110	<3,690	<5,120	<819	<3,300	**10,600**	<851	<1,360	<590	<1,180	<1,090	<1,070	<982	<982	<704	<1,730	<867	**3,530,000**
		1140	Initiate Vacuum Recovery Event																																		
		1248	**140**	<6.39	<7.76	<6.22	<4.13	<10.3	**1,790**	<8.10	<7.93	**24.1**	<8.67	<9.82	<11.2	<9.89	<8.18	**1,280**	<9.83	<6.94	<51.1	**43.3**	<51.2	<8.19	<33.0	<30.7	<8.51	<13.6	<5.90	<18.8	<10.9	<10.7	<9.82	<9.82	<7.04	<17.3	<8.67	**24,500**
		1348	**115**	<6.39	<7.76	<6.22	<4.13	<10.3	**950**	<8.10	<7.93	<23.6	<8.67	<9.82	<11.2	<9.89	<8.18	**532**	<9.83	<6.94	<51.1	<36.9	<51.2	<8.19	<33.0	<30.7	<8.51	<13.6	<5.90	<18.8	<10.9	<10.7	<9.82	<9.82	<7.04	<17.3	<8.67	**13,700**
		1348	Vacuum Recovery Event Terminated																																		
		1449	**220**	<6.39	<7.76	<6.22	<4.13	<10.3	**2,660**	<8.10	<7.93	<23.6	<8.67	<9.82	<11.2	<9.89	<8.18	**1,800**	<9.83	<6.94	<51.1	<36.9	<51.2	<8.19	<33.0	<30.7	<8.51	<13.6	<5.90	<18.8	<10.9	<10.7	<9.82	<9.82	<7.04	<17.3	<8.67	**31,900**
	2/8/2023	1327	**509**	<63.9	<77.6	<62.2	<41.3	<103	**6,650**	<81.0	<79.3	**241**	<86.7	<98.2	<112	<98.9	**2,430**	**5,960**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**752**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**85,500**
	2/17/2023	1347	<297	<63.9	<77.6	**159**	<41.3	<103	**24,900**	<81.0	<79.3	**3,210**	<86.7	<98.2	<112	<98.9	**14,100**	<4,440	<98.3	<69.4	<511	**1,390**	<512	<81.9	<330	**1,130**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**772,000**
	2/20/2023	1052	**383,000**	<63.9	<77.6	<62.2	<41.3	<103	**9,950**	**185**	<79.3	**5,450**	<86.7	<98.2	<112	<98.9	**6,130**	**67,000**	<98.3	**182**	<511	**1,600**	<512	**532**	<330	**21,900**	<85.1	**183**	<59.0	**418**	<109	<107	<98.2	<98.2	<70.4	**189**	<86.7	**367,000**
		1055	Initiate Vacuum Recovery Event																																		
		1203	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	**223**	<16.2	<15.9	**47.3**	<17.3	<19.6	<22.5	<19.8	**200**	**596**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<14.1	<34.7	<17.3	<16,500
		1300	<297	<63.9	<77.6	<62.2	<41.3	<103	**111**	**185**	<79.3	**1,790**	<86.7	<98.2	<112	<98.9	**97.3**	**4,480**	<98.3	**120**	<511	<369	<512	**463**	<330	**12,900**	<85.1	**212**	<59.0	**253**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	<82,600
		1300	Vacuum Recovery Event Terminated																																		
		1408	<297	<63.9	<77.6	<62.2	<41.3	<103	**2,420**	<81.0	<79.3	**1,920.0**	<86.7	<98.2	<112	<98.9	**1,860**	**9,240**	<98.3	**134**	<511	**442**	<512	**770**	<330	**7,940**	<85.1	<136	<59.0	**265**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	**114,000**
	2/22/2023	1341	<297	<63.9	<77.6	<62.2	<41.3	<103	**2,350**	<81.0	<79.3	**1,730**	<86.7	<98.2	<112	<98.9	**1,620**	**9,270**	<98.3	**86.1**	<511	**784**	<512	**508**	<330	**10,400**	<85.1	<136	<59.0	<188	<109	**461**	<98.2	<98.2	<70.4	<173	<86.7	<82,600
	3/3/2023	1012	**9,620**	<63.9	<77.6	**85.9**	<41.3	<103	**72,300**	<81.0	<79.3	**1,500**	**455**	**190**	<112	<98.9	<81.8	**242,000**	<98.3	<69.4	<511	**2,980**	<512	<81.9	<330	**4,130**	<85.1	<136	<59.0	<188	<109	<107	**117**	<98.2	<70.4	**486**	**185**	**1,630,000**
	3/6/2023	1019	**1,160**	**18,600**	<77.6	<62.2	<41.3	<103	**123,000**	<81.0	<79.3	**1,600**	<1,730	**8,250**	<112	<98.9	**25,700**	**222,000**	**6,000**	<69.4	<511	<369	<512	<81.9	<330	**7,890**	<85.1	<136	<59.0	**3770**	<109	<107	**3,070**	**1,330**	<70.4	**47,300**	**18,300**	**1,670,000**
		1020	Initiate Vacuum Recovery Event																																		
		1127	**1,050**	**3,100**	<77.6	<62.2	<41.3	<103	**12,800**	<81.0	<79.3	**1,440**	**74,600**	**13,700**	<112	<98.9	**213,000**	**7,620**	**7,960**	<69.4	<511	<369	<512	<81.9	<330	**7,300**	<85.1	<136	<59.0	**141,000**	<109	<107	**6,230**	**2,420**	<70.4	**49,900**	**21,400**	**4,750,000**
		1233	**2,020**	**6,260**	<77.6	**1,810**	<41.3	<103	**25,900**	<81.0	<79.3	**1,840**	**68,900**	**28,300**	<112	<98.9	**56,400**	**16,600**	**16,400**	<69.4	<511	**375**	<512	<81.9	<330	**4,400**	<85.1	<136	<59.0	**63,300**	<109	<107	**13,300**	**5,250**	<70.4	**46,400**	**43,400**	**2,890,000**
		1233	Vacuum Recovery Event Terminated																																		
		1333	**2,300**	<63.9	<77.6	<62.2	<41.3	<103	**32,900**	<81.0	<79.3	**1,650**	**1,340**	**291**	<112	<98.9	<81.8	**26,900**	**202**	<69.4	<511	**702**	<512	<81.9	<330	**5,970**	<85.1	<136	<59.0	<188	<109	<107	**163**	<98.2	<70.4	**1,080**	**406**	**1,310,000**
	3/8/2023	1313	**2,000**	**4,760**	<77.6	**5,100**	<41.3	<103	**28,400**	<81.0	<79.3	**1,450**	**39,000**	<98.2	<112	<98.9	**34,200**	**48,300**	**3,650**	<69.4	<511	**436**	<512	<81.9	<330	**2,060**	<85.1	<136	<59.0	**44,400**	<109	<107	**1,990**	**839**	<70.4	**27,100**	**10,800**	**1,660,000**

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ENSOLUM

TABLE 4
AIR SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001

Sample Designation	Date	Time	(ug/m3)																																	
			Acetone	Benzene	Bromomethane	Carbon disulfide	Chloromethane	2-Chlorotoluene	Cyclohexane	1,2-Dichloroethane	cis-1,2-Dichloroethene	Ethanol	Ethylbenzene	4-Ethyltoluene	Trichlorofluoromethane	Dichlorodifluoromethane	Heptane	n-Hexane	Isopropylbenzene	Methylene Chloride	Methyl Butyl Ketone	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Methyl methacrylate	Naphthalene	2-Propanol	Styrene	Tetrachloroethylene	Tetrahydrofuran	Toluene	1,1,1-Trichloroethane	Trichloroethylene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m&p-Xylene	o-Xylene	TPH (GC/MS) Low Fraction
Levey Well	3/15/2023	1100	<297	**859**	<77.6	**1,400**	<41.3	<103	**25,200**	<81.0	<79.3	**1,510**	**23,900**	**1,330**	<112	<98.9	**21,600**	**41,200**	**3,060**	**116**	<511	<369	<512	**1,060**	<330	**3,690**	<85.1	<136	<59.0	**21,700**	<109	<107	**1,920**	**849**	<70.4	**17,500**	**7,720**	**946,000**
		1023	**1,550**	**319**	<77.6	**632**	<41.3	<103	**12,600**	<81.0	<79.3	**2,390**	**10,500**	**366**	<112	<98.9	**11,500**	**58,200**	**1,060**	<69.4	<511	<369	<512	<81.9	<330	**4,550**	<85.1	<136	<59.0	**10,100**	<109	<107	**362**	**190**	<70.4	**6,500**	**2,640**	**690,000**
		1024	Initiate Vacuum Recovery Event																																	
	3/20/203	1132	**2,730**	**119**	<77.6	<62.2	<41.3	<103	**3,820**	<81.0	<79.3	**3,750**	**2,150**	<98.2	<112	<98.9	**3,430**	**12,900**	**236**	<69.4	<511	<369	<512	<81.9	<330	**5,160**	<85.1	<136	<59.0	**2,540**	<109	<107	**124**	<98.2	<70.4	**1,530**	**555**	**184,000**
		1240	**1,550**	<63.9	<77.6	<62.2	<41.3	<103	**613**	<81.0	<79.3	**7,860**	**707**	<98.2	<112	<98.9	**589**	**2,860**	**160**	**365**	<511	<369	<512	<81.9	<330	**3,150**	<85.1	<136	<59.0	**689**	<109	<107	**98.7**	<98.2	<70.4	**754**	**283**	<82,600
		1240	Vacuum Recovery Event Terminated																																	
		1342	**2,010**	<63.9	<77.6	<62.2	**42.5**	<103	**4,240**	<81.0	<79.3	**10,600**	**4,200**	**108**	<112	<98.9	**4,790**	**15,700**	**425**	**469**	<511	<369	<512	<81.9	<330	**6,960**	<85.1	<136	<59.0	**4,260**	<109	<107	**166**	<98.2	<70.4	**3,180**	**1,150**	**280,000**
	3/23/2023	1259	**1,290**	<63.9	<77.6	**1,040**	<41.3	<103	**21,800**	<81.0	<79.3	**1,310**	**18,300**	**3,370**	<112	<98.9	<81.8	**99,400**	**2,630**	<69.4	<511	<369	<512	<81.9	<330	**3,270**	<85.1	<136	<59.0	**9,790**	<109	<107	**1,210**	**658**	<70.4	**13,400**	**5,900**	**1,160,000**
	3/29/2023	1223	<297	<63.9	<77.6	**651**	<41.3	<103	**39,600**	<81.0	<79.3	**2,750**	**8,930**	**1,620**	<112	<98.9	**25,500**	**255,000**	**1,430**	<69.4	<511	**377**	<512	<81.9	<330	**48,400**	<85.1	<136	<59.0	**3,610**	<109	<107	**515**	**322**	<70.4	**7,110**	**3,240**	**983,000**
		1015	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	**12,100**	<16.2	<15.9	<47.1	**60.7**	<19.6	<22.5	<19.8	**5,770**	**141,000**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	**92.3**	<21.8	<21.4	<19.6	<19.6	<14.1	**49.4**	**24.0**	**145,000**
		1016	Initiate Vacuum Recovery Event																																	
	4/5/2023	1128	<59.4	**42.8**	<15.5	<12.4	<8.26	<20.6	**651**	<16.2	<15.9	**273**	**20.2**	<19.6	<22.5	<19.8	**753**	**3,520**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	**165**	<21.8	<21.4	<19.6	<19.6	<14.1	**46.0**	<17.3	<16,500
		1237	<59.4	<12.8	<15.5	<12.4	<8.26	<20.6	**217**	<16.2	<15.9	**128**	<17.3	<19.6	<22.5	<19.8	**229**	**1,490**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<14.1	<34.7	<17.3	<16,500
		1237	Vacuum Recovery Event Terminated																																	
		1339	<59.4	**14.1**	<15.5	**82.5**	<8.26	<20.6	**2,550**	<16.2	<15.9	**180**	**52.5**	<19.6	<22.5	<19.8	**1,630**	**23,600**	<19.7	<13.9	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<27.2	<11.8	**88.5**	<21.8	<21.4	<19.6	<19.6	<14.1	**52.5**	**25.8**	**37,300**
	4/14/2023	1457	**2,160**	<63.9	<77.6	<62.2	<41.3	<103	<68.9	<81.0	<79.3	**1,470**	**2,690**	**2,570**	<112	<98.9	**16,000**	**323,000**	**698**	<69.4	<511	<369	<512	<81.9	<330	**5,330**	<85.1	<136	<59.0	**1,020**	<109	<107	**1,450**	**702**	<70.4	**4,420**	**2,210**	**991,000**
		1005	<5,940	<63.9	<1,550	<1,240	<826	<103	<1,380	<81.0	<1,590	<9,430	**1,300**	<98.2	<2,250	<1,980	<81.8	**1,000,000**	**294**	<1,390	<511	<7,370	<512	<81.9	<330	**9,760**	<85.1	<136	<1,180	<188	<2,180	<107	**667**	**316**	<1,410	**2,100**	**1,000**	**2,610,000**
		1006	Initiate Vacuum Recovery Event																																	
	4/16/2023	1235	**12,000**	<12.8	<15.5	**59.4**	<8.26	<20.6	<13.8	<16.2	<15.9	<47.1	**192**	<19.6	<22.5	<19.8	**2,800**	**8,810**	**41.7**	<13.9	<102	**79.3**	<102	<16.4	<66.0	**228**	<17.0	<27.2	<11.8	**565**	<21.8	<21.4	**167**	**94.7**	<14.1	**668**	**205**	**85,500**
		1339	**8,700**	<0.639	<0.776	**8.25**	<0.413	<1.03	<0.689	<0.810	<0.793	**32.6**	**60.3**	<0.982	**1.24**	**2.54**	**384**	**1,980**	**13.8**	<0.694	<5.11	**54.6**	<5.12	<0.819	<3.30	**175**	<0.851	<1.36	<0.590	**105**	<1.09	<1.07	**48.1**	**24.0**	<0.704	**129**	**51.6**	**17,800**
		1339	Vacuum Recovery Event Terminated																																	
		1438	**5,820**	<12.8	<15.5	**124**	<8.26	<20.6	**6,230**	<16.2	<15.9	<47.1	**331**	<19.6	<22.5	<19.8	**1,910**	**1,730,000**	**73.7**	<13.9	<102	<73.7	<102	<16.4	<66.0	**337**	<17.0	<27.2	<11.8	**270**	<21.8	<21.4	**199**	**94.7**	<14.1	**581**	**264**	**196,000**
	4/26/2023	1540	<2,970	<639	<776	<622	<413	<20.6	<689	<810	<793	<4,710	**1,080**	**869**	<1,120	<989	**77,300**	**807,000**	**276**	<69.4	<5,110	<3,690	<5,120	<819	<66.0	**4,420**	<17.0	<1,360	<590	<1,880	<1,090	<1,070	**316**	**229**	<704	**2,480**	**1,360**	**1,790,000**
		0938	**58,000**	<63.9	<77.6	<62.2	<41.3	<103	**123,000**	<81.0	<79.3	**99,000**	**12,700**	<0.982	<112	<98.9	**96,500**	**1,700,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**413,000**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	**41,500**	<8,670	<8,260,000
		0939	Initiate Vacuum Recovery Event																																	
	5/1/2023	1046	**601**	<63.9	<77.6	<62.2	<41.3	<103	**314**	<81.0	<79.3	**2,790**	<86.7	<98.2	<112	<98.9	**398**	**11,400**	<98.3	**137**	<511	<369	<512	<81.9	<330	**4,570**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	<82,600
		1154	**6,180**	**166**	<77.6	<62.2	**143**	<103	<68.9	**417**	<79.3	**6,000**	**132**	**613**	**123**	**197**	**310**	**5,390**	<98.3	**597**	<511	**1,090**	<512	<81.9	<330	**868**	**215**	<136	<59.0	**3,770**	<109	<107	**883**	**265**	<70.4	**407**	**147**	<82,600
		1154	Vacuum Recovery Event Terminated																																	
		1300	**1,050**	<63.9	<77.6	<62.2	<41.3	<103	<68.9	<81.0	<79.3	**4,860**	<86.7	<98.2	<112	<98.9	**1,440**	**11,300**	<98.3	**234**	<511	<369	<512	<81.9	<330	**4,420**	<85.1	<136	<59.0	**242**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	<82,600
	5/2/2023	1312	**2,260**	<63.9	<77.6	<62.2	<41.3	<103	**86,800**	<81.0	<79.3	**4,260**	**276**	**342**	<112	<98.9	**70,300**	**575,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**4,940**	<85.1	<136	<59.0	**348**	<109	<107	**200**	**104**	<70.4	**650**	**349**	**1,880,000**
	5/11/2023	1330	**4,660**	<63.9	<77.6	**160**	<63.9	<77.6	**55,100**	<81.0	<79.3	**2,450**	**681**	**122**	<112	<98.9	**37,100**	**698,000**	**147**	<69.4	<511	**1,160**	<512	<81.9	<330	**9,370**	<85.1	<136	<59.0	**471**	<109	<107	**238**	**159**	<70.4	**1,300**	**681**	**1,830,000**
	5/25/2023	1156	**4,130**	<63.9	<77.6	**270**	<41.3	<103	**82,000**	<81.0	<79.3	**4,660**	**285**	<98.2	<112	<98.9	**84,700**	**892,000**	<98.3	<69.4	<511	**1,290**	<512	<81.9	<330	**7,790**	<85.1	<136	<59.0	**429**	<109	<107	**99.6**	<98.2	<70.4	**542**	**276**	**1,830,000**
		1023	**364,000**	<63.9	<77.6	**32,700**	<41.3	<103	**180,000**	<81.0	<79.3	<47,100	**646**	**359**	<112	<98.9	**198,000**	**2,210,000**	**159**	<69.4	<511	**171,000**	<512	<81.9	<330	**216,000**	<85.1	**153**	<59.0	**501**	**15,200**	<107	**584**	**334**	<70.4	**1,170**	**711**	<82,600
		1024	Initiate Vacuum Recovery Event																																	
	5/30/202	1143	<297	<63.9	<77.6	<62.2	<41.3	<103	**906**	<81.0	<79.3	**7,500**	<86.7	<98.2	<112	<98.9	**973**	**9,550**	<98.3	**358**	<511	<369	<512	**111**	<330	**7,690**	**86.3**	**186**	<59.0	**456**	<109	<107	<98.2	<98.2	<70.4	**183**	<86.7	<82,600
		1300	<297	<63.9	<77.6	<62.2	<41.3	<103	**647**	<81.0	<79.3	**7,350**	<86.7	<98.2	<112	<98.9	**658**	**8,320**	<98.3	**323**	<511	<369	<512	<81.9	<330	**12,300**	**86.3**	**358**	<59.0	**448**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	<82,600
		1300	Vacuum Recovery Event Terminated																																	
		1357	<297	<63.9	<77.6	**180**	<41.3	<103	**2,140**	<81.0	<79.3	**7,220**	<86.7	<98.2	<112	<98.9	**2,510**	**19,200**	<98.3	**304**	<511	<369	<512	**318**	<330	**9,140**	**102**	**472**	<59.0	**493**	<109	<107	<98.2	<98.2	<70.4	**208**	**104**	**105,000**
	6/9/2023	1200	**2,050**	**106**	<77.6	<62.2	<41.3	<103	<68.9	<81.0	<79.3	**1,640**	**355**	<98.2	<112	<98.9	**1,840**	**101,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**16,300**	<85.1	**170**	<59.0	**1,190**	<109	<107	**1,440**	**618**	<70.4	**3,050**	**1,480**	**171,000**
	6/15/2023	1227	<297	<63.9	<77.6	**309**	<41.3	<103	**102,000**	<81.0	<79.3	**1,590**	<86.7	<98.2	<112	<98.9	**98,200**	**2,210,000**	<98.3	**92.4**	<511	<369	<512	<1,640	<330	**10,100**	<1,700	<2,720	<59.0	<3,770	<109	<107	<98.2	<98.2	<70.4	<3,470	<1,730	**1,480,000**
	6/23/2023	1139	<1,490	<319	<388	**420**	**44,200**	<515	**98,100**	<405	<396	<2,360	**533**	<491	<562	<495	**89,200**	**1,610,000**	<492	<347	<2,560	<1,840	<2,560	<409	<1,650	**14,800**	<425	<679	<295	<942	<544	<536	<491	<491	<352	**1,290**	**598**	**2,430,000**
		0850	<2.97	**2.56**	<0.776	**19.8**	<413	<1.03	**3,750**	<0.810	<0.793	**392**	**22.6**	**9.77**	<1.12	<0.989	**4,830**	**39,100**	**6.10**	<0.694	<5.11	**149**	<5.12	<0.819	<3.30	**24.8**	<0.851	**34.1**	<0.590	**17.9**	<1.09	<1.07	**18.8**	**12.2**	<0.704	**41.6**	**30.1**	**146,000**
		0851	Initiate Vacuum Recovery Event																																	
	6/26/2023	1003	<2.97	**3.80**	<0.776	**22.8**	<413	<1.03	**365**	<0.810	<0.793	**145**	**7.20**	**4.36**	**1.31**	**2.68**	**528**	**3,090**	**2.00**	**1.89**	<5.11	**36.3**	<5.12	<0.819	<3.30	**40.8**	**1.06**	**21.9**	<0.590	**12.4**	<1.09	<1.07	**10.9**	**6.23**	<0.704	**12.6**	**9.97**	**16,900**
		1108	<2.97	**2.35**	<0.776	**16.7**	**4.21**	<1.03	**319**	<0.810	<0.793	**77.9**	**8.06**	**7.26**	**1.36**	**2.61**	**375**	**2,520**	**2.87**	<0.694	<5.11	**37.2**	<5.12	<0.819	<3.30	**26.1**	**1.27**	**30.6**	<0.590	**5.57**	<1.09	<1.07	**25.1**	**10.6**	<0.704	**15.9**	**13.2**	**15,900**
		1108	Vacuum Recovery Event Terminated																																	
		1208	<2.97	**2.25**	**1.33**	**68.8**	**8.90**	<1.03	**1,030**	<0.810	<0.793	**200**	**9.93**	**6.18**	**1.19**	**2.49**	**1,420**	**8,570**	**2.77**	**1.69**	<5.11	**109**	<5.12	<0.819	<3.30	**150**	**1.27**	**27.7**	<0.590	**16.1**	<1.09	<1.07	**19.8**	**9.13**	<0.704	**16.2**	**12.4**	**41,700**
	7/7/2023	1305	<297	<63.9	<77.6	**212**	<41.3	<103	**59,200**	**90.7**	<79.3	<471	**238**	<98.2	<112	<98.9	**50,700**	**561,000**	<98.3	**88.9**	<511	<369	<512	<1,640	<330	**10,500**	<85.1	<136	<59.0	**242**	<109	<107	**149**	**108**	<70.4	**507**	**304**	**1,070,000**
	7/13/2023	1438	<1,190	<639	<311	<249	<165	<1,030	**4,750**	<810	<317	**5,450**	<867	<982	<450	<396	**3,110**	**72,300**	<983	<278	<5,110	<1,470	<5,120	<819	<3,300	**20,600**	<851	<1,360	<236	<1,880	<435	<1,070	<982	<982	<282	<1,730	<867	<330,000
	7/17/2023	1013	**8,410**	<128	<155	<124	<82.6	<206	**153,000**	<162	<159	**2,110**	**335**	**288**	<225	<198	**190,000**	**2,780,000**	<197	<139	<1,020	**3,240**	<1,020	<164	<660	**24,600**	<170	<272	<118	<377	<218	<214	<196	<196	<141	**694**	**405**	**6,730,000**
	7/27/2023	0928	<59.4	**23.6**	<15.5	**3,950**	**293**	<20.6	**7,270**	<16.2	<15.9	**354**	**245**	**29.0**	<22.5	<19.8	**8,060**	**54,600**	**36.5**	<13.9	<102	**1,390**	<102	<16.4	<66.0	**3,220**	<17.0	<27.2	<11.8	**207**	<21.8	<21.4	**42.7**	**26.6**	<14.1	**216**	**126**	**178,000**
	7/31/2023	0930	<29,700	<6,390	<7,760	**8,780**	<4,130	<10,300	**7,230**	<8,100	<7,930	<47,100	<8,670	<9,820	<11,200	<9,890	<8,180	**85,000**	<9,830	<6,940	<51,100	<36,900	<51,200	<8,190	<33,000	**137,000**	<8,510	<13,600	<5,900	<18,800	<10,900	<10,700	<9,820	<9,820	<7,040	<17,300	<8,670	<8,260,000
	8/9/2023	0944	**46,600**	<63.9	<77.6	**458**	<41.3	<103	**68,900**	<81.0	<79.3	**1,590**	**145**	<98.2	<112	<98.9	**32,400**	**427,000**	<98.3	**194**	<511	<369	<512	<81.9	<330	**7,820**	<85.1	**179**	<59.0	**226**	<109	<107	**138**	**105**	<70.4	**415**	**298**	**867,000**

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ENSOLUM

TABLE 4
AIR SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001

Sample Designation	Date	Time	(ug/m3)																																	
			Acetone	Benzene	Bromomethane	Carbon disulfide	Chloromethane	2-Chlorotoluene	Cyclohexane	1,2-Dichloroethane	cis-1,2-Dichloroethene	Ethanol	Ethylbenzene	4-Ethyltoluene	Trichlorofluoromethane	Dichlorodifluoromethane	Heptane	n-Hexane	Isopropylbenzene	Methylene Chloride	Methyl Butyl Ketone	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Methyl methacrylate	Naphthalene	2-Propanol	Styrene	Tetrachloroethylene	Tetrahydrofuran	Toluene	1,1,1-Trichloroethane	Trichloroethylene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m&p-Xylene	o-Xylene	TPH (GC/MS) Low Fraction
Levey Well	8/14/2023	0852	**6,890**	<63.9	<77.6	**420**	<41.3	<103	**27,900**	<81.0	<79.3	**1,920**	**103**	<98.2	<112	<98.9	**20,100**	**260,000**	<98.3	<69.4	<511	**2,920**	<512	<81.9	<330	**8,230**	<85.1	<136	<59.0	**189**	<109	<107	**321**	**182**	<70.4	**427**	**242**	**711,000**
		0853	Initiate Vacuum Recovery Event																																			
		0959	<297	<63.9	<77.6	<62.2	<41.3	<103	<68.9	<81.0	<79.3	**2,220**	**87.6**	<98.2	<112	<98.9	**421**	**2,920**	<98.3	**160**	<511	<369	<512	<81.9	<330	**7,520**	<85.1	<136	<59.0	**234**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	<82,600
		1114	<297	**85.3**	<77.6	<62.2	<41.3	<103	**520**	<81.0	<79.3	**2,090**	**90.2**	<98.2	<112	<98.9	**379**	**5,180**	<98.3	**171**	<511	<369	<512	<81.9	<330	**14,700**	<85.1	<136	<59.0	**199**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	<82,600
		1114	Vacuum Recovery Event Terminated																																			
		1213	**4,920**	<63.9	<77.6	<62.2	<41.3	<103	<68.9	<81.0	<79.3	**6,660**	<86.7	<98.2	<112	<98.9	**182**	**2,740**	<98.3	**892**	<511	<369	<512	<81.9	<330	**17,900**	<85.1	<136	<59.0	<188	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	<82,600
	8/23/2023	1223	<594	<128	<155	**236**	<82.6	<20.6	**39,900**	<162	<159	**1,530**	**163**	**458**	<225	<198	**17,400**	**76,200**	<19.7	<139	<1,020	<737	<1,020	<164	<66.0	**1,020**	<17.0	<272	<118	<377	<218	<214	**268**	**199**	<141	**499**	**366**	**657,000**
	8/28/2023	0917	<2.97	**0.795**	<0.776	<0.622	<0.413	<1.03	**19.0**	<0.810	<0.793	**1,270**	<0.867	<0.982	<1.12	**1.73**	**10.4**	**49.7**	<0.983	<0.694	<5.11	**4.60**	<5.12	<0.819	<3.30	**89.0**	<0.851	<1.36	<0.590	**9.30**	<1.09	<1.07	<0.982	<0.982	<0.704	<1.73	<0.867	<826
		0918	Initiate Vacuum Recovery Event																																			
		1018	**361**	**1.73**	<0.776	**2.62**	**2.77**	<1.03	**135**	<0.810	<0.793	**16.3**	**2.43**	<0.982	**2.21**	<0.989	**37.2**	**125**	<0.983	<0.694	<5.11	**31.8**	<5.12	<0.819	<3.30	**8.53**	<0.851	<1.36	<0.590	**5.61**	<1.09	<1.07	<0.982	**1.12**	<0.704	**3.74**	**2.32**	**3,150**
		1130	**404**	**62.0**	<0.776	**12.3**	**3.08**	<1.03	**126**	<0.810	<0.793	**67.1**	**25.7**	**1.08**	**1.63**	**1.67**	**144**	**169**	**1.65**	<0.694	<5.11	**71.4**	<5.12	<0.819	<3.30	**18.3**	<0.851	<1.36	**2.16**	**86.6**	<1.09	<1.07	**2.74**	**1.28**	<0.704	**14.3**	**6.07**	**2,710**
		1130	Vacuum Recovery Event Terminated																																			
		1230	**855**	**7.79**	<0.776	**50.4**	**2.97**	<1.03	**185**	<0.810	<0.793	**80.5**	**7.93**	<0.982	<1.12	**1.74**	**70.8**	**245**	<0.983	<0.694	<5.11	**91.1**	<5.12	<0.819	<3.30	**34.7**	<0.851	<1.36	<0.590	**16.6**	<1.09	<1.07	**2.31**	**1.07**	<0.704	**5.81**	**3.10**	**3,440**
	9/11/2023	0909	**2,160**	<63.9	<77.6	**290**	<41.3	<103	**61,300**	<81.0	<79.3	**1,610**	**162**	**250**	<112	<98.9	<81.8	**149,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**654**	<85.1	<136	<59.0	<188	<109	<107	**204**	**149**	<70.4	**646**	**180**	**711,000**
		0910	Initiate Vacuum Recovery Event																																			
		1259	**632**	<63.9	<77.6	<62.2	<41.3	<103	**1,260**	<81.0	<79.3	**1,600**	<86.7	**137**	<112	<98.9	<81.8	**2,400**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**551**	<85.1	<136	<59.0	<188	<109	<107	**118**	<98.2	<70.4	**285**	<86.7	<82,600
		1357	**39.9**	**0.824**	<0.776	**4.92**	**2.25**	<1.03	**86.4**	<0.810	<0.793	**80.5**	**0.893**	<0.982	**1.49**	**1.71**	<0.818	**74.0**	<0.983	3.99	<5.11	**5.16**	<5.12	<0.819	<3.30	**18.0**	<0.851	2.82	<0.590	**4.52**	<1.09	<1.07	**1.84**	**1.22**	<0.704	**2.63**	**1.41**	**1,950**
		1357	Vacuum Recovery Event Terminated																																			
		1457	**49.9**	<0.639	<0.776	**14.9**	**2.52**	<1.03	**210**	<0.810	<0.793	**50.7**	**1.57**	<0.982	**1.33**	**1.70**	**39.4**	**210**	<0.983	<0.694	<5.11	**10.0**	<5.12	<0.819	<3.30	**24.5**	<0.851	<1.36	<0.590	<1.88	<1.09	<1.07	**12.2**	**6.09**	<0.704	**5.07**	**3.81**	**4,500**
		0940	**2,520**	<63.9	<77.6	**542**	<41.3	<103	**99,220**	<81.0	<79.3	**2,900**	<86.7	<98.2	<112	<98.9	<81.8	**215,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**2,480**	<85.1	<136	<59.0	<188	<109	<107	**136**	**103**	<70.4	**314**	**211**	**1,900,000**
		0941	Initiate Vacuum Recovery Event																																			
		1057	**1,340**	<63.9	<77.6	<62.2	<41.3	<103	**2,020**	<81.0	<79.3	**3,040**	**93.6**	<98.2	<112	<98.9	**1,470**	**2,780**	<98.3	**165**	<511	<369	<512	<81.9	<330	**2,080**	<85.1	**187**	<59.0	**576**	<109	<107	<98.2	<98.2	<70.4	**397**	**122**	<82,600
		1206	**1,240**	<63.9	<77.6	<62.2	<41.3	<103	**358**	<81.0	<79.3	**3,580**	<86.7	<98.2	<112	<98.9	**298**	**483**	<98.3	**176**	<511	<369	<512	<81.9	<330	**2,170**	<85.1	**181**	<59.0	**295**	<109	<107	<98.2	<98.2	<70.4	**249**	**93.6**	<82,600
		1206	Vacuum Recovery Event Terminated																																			
		1307	**1,490**	<63.9	<77.6	<62.2	<41.3	<103	**1,070**	<81.0	<79.3	**2,790**	<86.7	<98.2	<112	<98.9	<81.8	**1,500**	<98.3	**174**	<511	<369	<512	**1,760**	<330	**1,600**	<85.1	**171**	<59.0	**196**	<109	<107	<98.2	<98.2	<70.4	<173	<86.7	<82,600
	10/2/2023	1220	<297	<63.9	<77.6	<62.2	<41.3	<103	**105,000**	<81.0	<79.3	**2,580**	**114**	<98.2	<112	<98.9	**11,100**	**111,000**	<98.3	**246**	<511	<369	<512	<81.9	<330	<307	<85.1	**405**	<59.0	**266**	<109	**605**	**123**	**118**	<70.4	**516**	**422**	**1,010,000**
	10/9/2023	0800	<29,700	<6,390	<7,760	**17,900**	<4,130	<10,300	**110,000**	<8,100	<7,930	**294,000**	<8,670	<9,820	<11,200	<9,890	**36,900**	**1,330,000**	<9,830	**20,500**	<51,100	<36,900	<51,200	**55,700**	<33,000	**1,090,000**	<8,510	**58,600**	<5,900	**48,600**	<10,900	<10,700	<9,820	<9,820	<7,040	**17,400**	<8,670	<8,260,000
		0801	Initiate Vacuum Recovery Event																																			
		0912	**3,490**	**351**	<77.6	**454**	<41.3	<103	**2,260**	<81.0	**464**	**7,450**	**316**	**246**	<112	<98.9	**3,650**	**13,600**	<98.3	**420**	<511	<369	<512	**280**	<330	**23,500**	**271**	**1,850**	<59.0	**2,590**	<109	**8,410**	**270**	<98.2	<70.4	**1,150**	**334**	**101,000**
		1100	**3,640**	**168**	<77.6	**473**	<41.3	<103	**2,790**	<81.0	**82.0**	**6,070**	**359**	**287**	<112	<98.9	<81.8	**16,000**	<98.3	<69.4	<511	<369	<512	**659**	<330	**5,600**	<85.1	**322**	<59.0	**1,930**	<109	**638**	**269**	<98.2	<222	**1,450**	**438**	**128,000**
		1100	Vacuum Recovery Event Terminated																																			
		1119	**2,070**	**99.7**	<77.6	**181**	<41.3	<103	**1,990**	<81.0	**154**	**2,150**	**218**	**213**	<112	<98.9	**2,120**	**11,000**	<98.3	**177**	<511	<369	<512	<81.9	<330	**3,070**	<85.1	**441**	<59.0	**1,050**	<109	**2,230**	**217**	<98.2	<222	**971**	**313**	<82,600
	10/17/2023	1207	**2,990**	**351**	<77.6	<62.2	**126**	<103	**194**	<81.0	<79.3	**60,300**	**633**	**201**	**121**	**221**	**548**	**3,470**	<98.3	**11,600**	<511	<369	<512	<81.9	<330	**4,890**	<85.1	**1,860**	<59.0	**2,830**	<109	<107	**834**	**220**	<222	**2,050**	**863**	<82,600
	10/23/2023	1013	**1,630**	<63.9	<77.6	**78.7**	<41.3	<103	**33,400**	<81.0	<79.3	**2,190**	<86.7	<98.2	<112	<98.9	**18,800**	**2,530,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**8,780**	<85.1	<136	<59.0	**471**	<109	<107	**127**	<98.2	<222	**225**	<86.7	**888,000**
		1014	Initiate Vacuum Recovery Event																																			
		1200	**1,140**	<63.9	<77.6	<62.2	<41.3	<103	**1,670**	<81.0	<79.3	**3,090**	<86.7	**100**	<112	<98.9	**1,270**	**16,700**	<98.3	**210**	<511	<369	<512	<81.9	<330	**2,560**	<85.1	<136	<59.0	**414**	<109	<107	**123**	<98.2	<222	**232**	<86.7	<82,600
		1358	**1,150**	<63.9	<77.6	<62.2	<41.3	<103	**1,240**	<81.0	<79.3	**2,980**	**166**	**279**	<112	<98.9	**916**	**11,900**	<98.3	**180**	<511	<369	<512	<81.9	<330	**2,440**	<85.1	<136	<59.0	**486**	<109	<107	**230**	<98.2	<222	**486**	**154**	<82,600
		1358	Vacuum Recovery Event Terminated																																			
		1445	**1,400**	<63.9	<77.6	<62.2	<41.3	<103	**5,510**	<81.0	<79.3	**3,450**	**219**	**525**	<112	<98.9	<81.8	**63,800**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**2,830**	<85.1	<136	<59.0	**527**	<109	<107	**460**	**178**	<222	**681**	**227**	**205,000**
	10/31/2023	1107	**2,970**	<63.9	<77.6	**99.6**	<41.3	<103	**20,300**	**125**	<79.3	**2,900**	<86.7	<98.2	<112	<98.9	**13,700**	**292,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**7,350**	**103**	**332**	<59.0	**213**	<109	<107	**202**	<98.2	<222	**313**	**105**	**406,000**
	11/6/2023	0917	**1,790**	<63.9	<77.6	**76.1**	<41.3	<103	**14,800**	<81.0	<79.3	**1,400**	<86.7	<98.2	<112	<98.9	**14,400**	**133,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**1,380**	<85.1	**185**	<59.0	<188	<109	<107	<98.2	<98.2	<222	**216**	<86.7	**446,000**
		0918	Initiate Vacuum Recovery Event																																			
		1103	**54.4**	<63.9	<77.6	**22.4**	<41.3	<103	**713**	<81.0	<79.3	**82.8**	**87.6**	**28.0**	<112	**2.61**	**1,120**	**3,450**	<98.3	<69.4	<511	**12.8**	<512	<81.9	<330	**25.8**	<85.1	<136	<59.0	**304**	<109	<107	**18.6**	**12.7**	<222	**163**	**53.3**	**24,700**
		1219	**43.2**	<63.9	<77.6	**7.07**	<41.3	<103	**329**	<81.0	<79.3	**84.7**	**2.35**	**3.86**	<112	**1.99**	**348**	**1,630**	<98.3	<69.4	<511	**11.5**	<512	<81.9	<330	**19.2**	<85.1	<136	<59.0	<1.88	<109	<107	**2.89**	**2.17**	<222	**5.94**	**3.13**	**13,500**
		1219	Vacuum Recovery Event Terminated																																			
		1317	**46.3**	<63.9	<77.6	**6.04**	<41.3	<103	**289**	<81.0	<79.3	**70.5**	**17.0**	**11.3**	**1.30**	**1.80**	**395**	**2,520**	3.3	<69.4	<511	**10.3**	<512	<81.9	<330	**31.7**	<85.1	<136	<59.0	**43.3**	<109	<107	**8.88**	**6.38**	<222	**39.5**	**14.40**	**13,100**
	11/16/2023	1055	**5,010**	<63.9	<77.6	<62.2	<41.3	<103	**84,000**	<81.0	<79.3	**2,810**	<86.7	<98.2	<112	<98.9	**58,900**	**1,220,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**9,590**	<85.1	<136	<59.0	**199**	<109	<107	<98.2	<98.2	<222	<173	<86.7	<8,260,000
	11/20/2023	0944	**3,520**	<63.9	<77.6	**198**	<41.3	<103	<68.9	<81.0	<79.3	**1,370**	<86.7	<98.2	<112	<98.9	**35,500**	**1,280,000**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**5,140**	<85.1	<136	<59.0	**422**	<109	<107	<98.2	<98.2	<222	<173	<86.7	**1,100,000**
		0945	Initiate Vacuum Recovery Event																																			
		1058	**1,470**	**145**	<77.6	<62.2	<41.3	<103	<68.9	<81.0	<79.3	**1,010**	<86.7	<98.2	<112	<98.9	<81.8	**9,240**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**4,940**	<85.1	<136	<59.0	**353**	<109	<107	<98.2	<98.2	<222	**178**	<86.7	<82,600
		1206	**1,710**	<63.9	<77.6	<62.2	<41.3	<103	<68.9	<81.0	<79.3	**1,170**	<86.7	<98.2	<112	<98.9	<81.8	**3,170**	<98.3	**136**	<511	<369	<512	<81.9	<330	**5,060**	<85.1	<136	<59.0	**298**	<109	<107	<98.2	<98.2	<222	<173	<86.7	<82,600
		1206	Vacuum Recovery Event Terminated																																			
		1308	**1,820**	<63.9	<77.6	**158**	<41.3	<103	<68.9	<81.0	<79.3	**1,420**	<86.7	<98.2	<112	<98.9	<81.8	**6,100**	<98.3	**165**	<511	<369	<512	<81.9	<330	**6,320**	<85.1	<136	<59.0	**357**	<109	<107	<98.2	<98.2	<222	<173	<86.7	<82,600

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ENSOLUM

TABLE 4
AIR SAMPLING (VOCs) ANALYTICAL DATA SUMMARY
Levey Well
Oxy Permian Ltd.
Hobbs, New Mexico
Ensolum Project No. 03B1417001

Sample Designation	Date	Time	(ug/m3)																																		
			Acetone	Benzene	Bromomethane	Carbon disulfide	Chloromethane	2-Chlorotoluene	Cyclohexane	1,2-Dichloroethane	cis-1,2-Dichloroethene	Ethanol	Ethylbenzene	4-Ethyltoluene	Trichlorofluoromethane	Dichlorodifluoromethane	Heptane	n-Hexane	Isopropylbenzene	Methylene Chloride	Methyl Butyl Ketone	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Methyl methacrylate	Naphthalene	2-Propanol	Styrene	Tetrachloroethylene	Tetrahydrofuran	Toluene	1,1,1-Trichloroethane	Trichloroethylene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl acetate	m&p-Xylene	o-Xylene	TPH (GC/MS) Low Fraction
Levey Well	12/8/2023	0836	**195**	<12.8	<15.5	<25.2	<8.26	<20.6	**2,350**	<16.2	<15.9	**194**	<17.3	<19.6	<22.5	**19.8**	**2,690**	**43,400**	<19.7	<16.4	<102	<73.7	<102	<16.4	<66.0	<61.5	<17.0	<11.8	<11.8	<37.7	<21.8	<21.4	<19.6	<19.6	<44.4	<34.7	<17.3	**77,700**
		0837	Initiate Vacuum Recovery Event																																		
		1001	**1,640**	**27,100**	<77.6	**92.4**	<41.3	<103	**212,000**	<81.0	<79.3	**2,090**	**4,290**	<98.2	<112	<98.9	**197,000**	**90,300**	**317**	**128**	<511	<369	<512	<81.9	<330	**3,420**	<85.1	<136	<59.0	**87,800**	<109	<107	**105**	<98.2	<222	**10,100**	**2,220**	**1,570,000**
		1107	<297	**66,800**	<77.6	<62.2	<41.3	<103	**393,000**	<81.0	<79.3	**1,710**	**27,700**	**398**	<112	<98.9	**560,000**	**111,000**	**2,730**	**127**	<511	<369	<512	<81.9	<330	**3,220**	<85.1	<136	<59.0	**343,000**	<109	<107	**618**	**579**	<222	**64,200**	**16,000**	**8,180,000**
		1107	Vacuum Recovery Event Terminated																																		
		1207	<2,970	**35,100**	<776	<622	<413	<1,030	**194,000**	<810	<793	<4,710	**32,000**	<982	<1,120	<989	**337,000**	**49,400**	**4,120**	<69.4	<5,110	<3,690	<5,120	<819	<3,300	**8,480**	<851	<1,360	<590	**250,000**	<1,090	<1,070	**1,570**	**1,290**	**14,500**	**79,300**	**21,700**	**2,830,000**
	12/11/2023	1207	**1,240**	**174**	<77.6	<62.2	<41.3	<103	**1,430**	<81.0	<79.3	**1,210**	**863**	**145**	<112	<98.9	**2,800**	**4,410**	**142**	**175**	<511	<369	<512	<81.9	<330	**6,020**	<85.1	<136	<59.0	**3,390**	<109	<107	**741**	**299**	<222	**2,670**	**798**	**131,000**
		0948	**1,830**	**901**	<77.6	<62.2	<41.3	<103	**13,700**	<81.0	<79.3	**1,160**	**629**	**192**	<112	<98.9	**11,400**	**109,000**	**149**	<69.4	<511	<369	<512	<81.9	<330	**4,820**	<85.1	<136	<59.0	**4,520**	<109	<107	**114**	<98.2	<222	**1,930**	**620**	**525,000**
		0949	Initiate Vacuum Recovery Event																																		
	12/18/2023	1237	**1,170**	**189**	<77.6	<62.2	<41.3	<103	**2,520**	<81.0	<79.3	**1,530**	**319**	**192**	<112	<98.9	**3,370**	**7,720**	<98.3	**157**	<511	<369	<512	<81.9	<330	**2,380**	<85.1	<136	<59.0	**2,000**	<109	<107	**119**	<98.2	<222	**1,020**	**329**	**107,000**
		1237	Vacuum Recovery Event Terminated																																		
		1338	**1,120**	**540**	<77.6	<62.2	<41.3	<103	**6,440**	<81.0	<79.3	**1,240**	**1,230**	**271**	<112	<98.9	**11,100**	**9,800**	**232**	<69.4	<511	<369	<512	<81.9	<330	**2,120**	<85.1	<136	<59.0	**8,700**	<109	<107	**190**	**133**	<222	**3,480**	**1,020**	**295,000**
		0950	**1,490**	<319	<388	<311	<207	<515	**7,650**	<405	<396	<2360	<434	<491	<562	<495	**5,400**	**148,000**	<492	<347	<2,560	<1,840	<2,560	**4,220**	<1,650	**3,490**	<425	<679	<295	<942	<544	<536	<491	<491	<1,110	<867	<434	**438,000**
		0951	Initiate Vacuum Recovery Event																																		
	1/2/2024	1108	<2.97	**41.5**	<0.776	<0.622	<0.413	<1.03	**362**	<1.54	<0.793	**11.6**	**77.6**	**42.2**	<1.12	**1.75**	**409**	**4,940**	**17.3**	<0.694	<5.11	<3.69	<5.12	<0.819	<3.30	**10.1**	<0.851	<1.36	<0.590	**422**	<1.09	<1.07	**40.9**	**21.3**	<2.22	**296**	**90.2**	<82,600
		1202	<2.97	**14.1**	<0.776	<0.622	<0.413	<1.03	**417**	<0.810	<0.793	**8.16**	**68.9**	**38.7**	<1.12	**2.12**	**540**	**4,120**	**15.9**	<0.694	<5.11	<3.69	<5.12	<0.819	<3.30	**8.16**	<0.851	<1.36	<0.590	**292**	<1.09	<1.07	**36.9**	**19.7**	<2.22	**269**	**83.7**	**13,300**
		1202	Vacuum Recovery Event Terminated																																		
		1303	<2.97	**27.2**	<0.776	<0.622	<0.413	<1.03	**565**	<0.810	**15.3**	**13.4**	**74.1**	**38.8**	**1.28**	<0.989	**630**	**10,300**	**16.5**	<0.694	<5.11	<3.69	<5.12	<0.819	<3.30	**9.93**	<0.851	<1.36	<0.590	**370**	<1.09	<1.07	**38.6**	**20.1**	<2.22	**283**	**84.5**	**17,000**
	1/10/2024	0956	**2,340**	**607**	<77.6	<0.622	<0.413	<103	**22,100**	<81.0	<79.3	**1,730**	**759**	<98.2	<112	<0.989	**17,900**	**85,300**	<98.3	<69.4	<511	<369	<512	<81.9	<330	**5,480**	<85.1	<136	<59.0	**3,230**	<109	<107	<98.2	<98.2	<222	**1,140**	**319**	**450,000**
		0838	<2.97	**65.8**	<77.6	<0.622	<0.413	<103	**15,300**	<81.0	<79.3	**177**	**25.2**	<434	<1.12	<0.989	**3,510**	**36,700**	<98.3	<69.4	<511	**5,340**	<512	<81.9	<330	<61.5	<85.1	<136	<59.0	**399**	<109	<107	<98.2	<98.2	<222	**73.7**	**23.1**	**95,000**
		0839	Initiate Vacuum Recovery Event																																		
	1/15/2024	1130	**31.8**	**6.16**	<77.6	<0.622	**1.06**	<103	**1,110**	<81.0	**1.17**	**102**	**7.20**	<434	<1.12	**1.88**	**316**	**1,990**	**1.24**	**3.13**	<511	<369	<512	<81.9	<330	**25.3**	<85.1	**30.8**	<59.0	**75.3**	<109	<107	**1.09**	<98.2	<222	**19.5**	**6.55**	**7,850**
		1130	Vacuum Recovery Event Terminated																																		
		1228	**158**	**30.4**	<77.6	**2.18**	**0.952**	<103	**6,340**	<81.0	**7.97**	**68.6**	**61.6**	**2.96**	<1.12	**1.65**	**2,990**	**10,000**	**11.7**	**0.920**	<511	**14.3**	<512	<81.9	<330	**13.8**	<85.1	**179**	<59.0	**512**	<109	<107	**6.04**	**5.40**	<222	**189**	**58.1**	**62,400**
	1/25/2024	1028	<2.97	**827**	<77.6	**260**	<0.413	<103	**325,000**	<81.0	<79.3	**1,470**	**1,030**	<434	<1.12	<0.989	**64,200**	**663,000**	**162**	**148**	<511	<3.69	<512	<81.9	<330	<61.5	<85.1	<136	<59.0	**11,500**	<109	<107	**131**	<98.2	<222	**3,780**	**1,090**	**1,100,000**
		0934	**836**	**138**	<77.6	**41.7**	<0.413	<103	**50,600**	<81.0	<79.3	<4.71	**209**	**12.2**	<1.12	<0.989	**8,300**	**67,300**	**37.9**	<69.4	<511	<3.69	<512	<81.9	<330	<307	<85.1	<136	<59.0	**1,650**	<109	<107	**30.6**	**24.0**	<222	**772**	**236**	**504,000**
		0935	Initiate Vacuum Recovery Event																																		
	1/29/2024	1237	**39.7**	**3.11**	<77.6	**0.651**	**1.05**	<103	**1,390**	<81.0	<79.3	**202**	**14.3**	**1.79**	**1.14**	**2.01**	**167**	**1,080**	**3.24**	**84.7**	<511	<3.69	<512	<81.9	<330	**86.0**	<85.1	**39.9**	<59.0	**64.8**	<109	<107	**5.64**	**3.70**	<222	**58.5**	**19.2**	**6,320**
		1340	**66.8**	**8.27**	<77.6	**1.90**	**1.43**	<103	**1,840**	<81.0	<79.3	**24.1**	**120**	**24.0**	<1.12	**2.07**	**536**	**1,160**	**35.7**	**2.68**	<511	**9.14**	<512	<81.9	<330	**9.12**	<85.1	<136	<59.0	**317**	<109	<107	**67.7**	**47.5**	<222	**546**	**193**	**34,000**
		1340	Vacuum Recovery Event Terminated																																		
		1437	**81.0**	**8.72**	<77.6	**2.71**	**1.50**	<103	**3,320**	<81.0	<79.3	**20.4**	**159**	**25.5**	**1.29**	**2.36**	**1,070**	**2,390**	**47.7**	**2.26**	<511	<3.69	<512	<81.9	<330	**14.6**	<85.1	<136	<59.0	**388**	<109	<107	**87.9**	**59.4**	<222	**733**	**258**	**69,000**

NOTES:
ug/m3 - micrograms per cubic meter of air

Sante Fe Main Office
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General Information
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Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator:	OGRID:
OCCIDENTAL PERMIAN LTD P.O. Box 4294 Houston, TX 772104294	157984
	Action Number: 337921
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the Levey Water Well Site Investigation Work Plan has been reviewed and is satisfactory with the following conditions: 1. In a meeting with Oxy, Ensolum, and OCD on 02/03/2025, a work plan is to be submitted to delineate the area further and install groundwater monitoring wells between MW-1 and MW-2 (behind the storage building). 2. Further delineation to continue in the southern portion of the site. 3. Do not P&A Levey Well, nor P&A MW-1, at this point in time. 4. Implement quarterly groundwater sampling for RW-1 as proposed, and MW-2. Sample for VOCs through air sampling analysis on RW-1 moving forward as proposed. 5. Utilize RW-1 and continue to remove free gas as proposed. 6. Submit annual groundwater reports on a schedule, annually, with documentation of site activities.	2/3/2025