

DOCKETED

Docket Number:	09-AFC-08C
Project Title:	Genesis Solar Energy Project
TN #:	271582
Document Title:	2026 S1 Groundwater Quality Monitoring Report
Description:	N/A
Filer:	Cynthia Keller
Organization:	NexteraEnergy Resources
Submitter Role:	Applicant
Submission Date:	7/22/2026 12:15:56 PM
Docketed Date:	7/22/2026



2026 FIRST SEMIANNUAL GROUNDWATER QUALITY MONITORING REPORT

Genesis Solar Energy Project

Riverside County, California

COC S&W-20

July 22, 2026

Prepared By:

Northstar Environmental Remediation

26225 Enterprise Court

Lake Forest, California 92630

SIGNATURE PAGE

2026 FIRST SEMIANNUAL GROUNDWATER QUALITY MONITORING REPORT

RIVERSIDE COUNTY, CALIFORNIA

PROFESSIONAL STATEMENT

I declare under the penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

I further certify that this report has been reviewed by the appropriate authority at NextEra Energy Resources and is being submitted with their written consent.



Arlin W. Brewster

Professional Geologist 9207

July 22, 2026

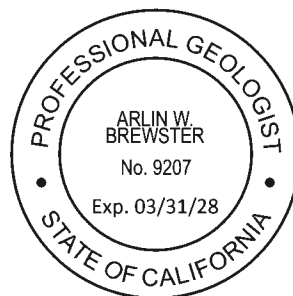


Table of Contents

1.0 INTRODUCTION	1
1.1 Background	1
1.2 Geographic Setting	1
1.3 Hydrogeologic Setting	2
1.4 Monitoring Program Objectives	3
2.0 GROUNDWATER MONITORING PROGRAM	4
2.1 Monitoring Well Network	4
2.2 Groundwater Quality Monitoring Activities	4
3.0 FIELD METHODS	5
3.1 Manual Water Level Measurements	5
3.2 Electronic Water Level Measurements	5
3.3 Groundwater Sampling	5
3.4 Equipment Decontamination	6
3.5 Collection of Groundwater Samples	6
3.6 Laboratory Analytical	7
3.7 Sample Handling	7
3.8 Quality Assurance / Quality Control	7
4.0 RESULTS OF LABORATORY ANALYSES	8
4.1 General Inorganic Chemical Analysis	8
4.2 Organic Chemical Analysis	9
4.3 Stable Isotope Analysis	9
4.4 Statistical Analysis	10
4.5 Quality Assurance/Quality Control	11
5.0 ANNUAL SUMMARY	12
6.0 CONCLUSIONS	12
7.0 REFERENCES	13

LIST OF FIGURES

Figure 1	Site Vicinity Map
Figure 2	Hydrogeologic Setting
Figure 3	Monitoring Area Showing all Groundwater Monitoring Wells
Figure 4	Bouse Formation Groundwater Elevation Contour Map – June 2026

LIST OF TABLES

Table 1	Inventory of Wells in the Groundwater Monitoring Area
Table 2	Groundwater Level Measurements
Table 3	Most Recent Groundwater Quality Monitoring Data
Table 4	Summary of Laboratory Analytical Results
Table 5	Historical Analytical Data for Offsite Wells Within the Monitoring Area
Table 6	2026 First Semiannual Mann-Kendall Statistical Analysis

LIST OF APPENDICES

Appendix A	Field Data Sheets
Appendix B	Time Series Charts 1 - 29
Appendix C	Laboratory Reports

1.0 INTRODUCTION

Northstar Environmental Remediation (Northstar) has prepared this 2026 First Semiannual Groundwater Quality Monitoring Report on behalf of Genesis Solar, LLC (Genesis). This report details groundwater quality monitoring performed in the first half of 2026 at the Genesis Solar Energy Project (GSEP). The GSEP lies roughly 25 miles west of the city of Blythe, California in eastern Riverside County on lands managed by the Bureau of Land Management (BLM) (**Figure 1**). The GSEP consists of two independent concentrated solar electric generating facilities with a nominal net electric output of 125 megawatts (MW) each (a total net electrical output of 250 MW).

Northstar conducts groundwater quality monitoring in accordance with Condition of Certification Soil & Water 20 (COC S&W-20) as presented in the California Energy Commission (CEC) Final Decision document dated October 12, 2010 (CEC, 2010). The COC S&W-20 requires compliance with Waste Discharge Requirements (WDR) and Monitoring and Reporting Program (MRP) Board Order No. R7-2013-0005, issued by the California Regional Water Quality Control Board, Colorado River Basin Region (CRWQCB).

1.1 Background

Genesis filed an updated Plan of Development (POD) for the GSEP to the BLM in September 2010 (Genesis Solar, LLC, 2010), and an Application for Certification (AFC) to the California Energy Commission (CEC) in August 2009 (Genesis Solar, LLC, 2009). The CEC issued its Final Decision on the GSEP on October 12, 2010 (CEC, 2010). The BLM issued the Final Environmental Impact Statement (FEIS) for the GSEP for public comment on August 27, 2010. The Final Decision and the FEIS adopted COC S&W-20 to monitor groundwater quality within a 10-mile radius of the GSEP.

GSEP uses dry cooling technology and relies on groundwater as a water source during operation. Three groundwater production wells were installed within the GSEP site boundary between July and October 2011. These production wells are permitted to pump groundwater at an average rate of 202 acre-feet per year (afy) (up to 1,348 afy during construction).

Two evaporation ponds, licensed as Class II Surface Impoundments, located between Solar Fields 1 and 2 accept wastewater generated during operation of the GSEP. Three detection monitoring wells (DM-1, DM-2, and DM-3) were installed, per the Final Decision, along the west, east, and south perimeter of the evaporation ponds in February 2012. Groundwater samples were collected for four quarterly events prior to GSEP operation to establish baseline conditions. Semiannual sampling is conducted to comply with the requirements of COC S&W-6 and the WDR and MRP documents.

1.2 Geographic Setting

The GSEP is located between the communities of Blythe and Desert Center, California (**Figure 1**). Land use is predominantly open space and conservation and wilderness areas occupied by a community of low creosote and bursage vegetation. Chuckwalla and Ironwood State Prisons are located roughly 6 miles to the southeast.

The GSEP lies on a broad, relatively flat topography sloping north to south at elevations between 400 and 370 feet above mean sea level (amsl). The surface is underlain by alluvial deposits derived from the Palen Mountains to the north-northwest, and the McCoy Mountains to the northeast (**Figure 1**).

The deposits immediately adjacent the mountains have formed alluvial fans from multiple identifiable sources. The multiple fan surfaces have coalesced into a single bajada surface that wraps around each of these mountain fronts. Between the bajada surfaces lies a broad valley-axial drainage that extends southward between the mountains and drains to the Ford Dry Lake playa, located about 1 mile south of the GSEP facility (DWR, 1963).

Climatic data collected from Weather Station Blythe Riverside Airport (33.61°N, -114.71°W, at an elevation of about 387 feet amsl) indicate that the average maximum temperature in the airport vicinity is approximately 87.8°F (31.0°C). Average rainfall is reported to be approximately 3.83 inches (97.3 mm). These data were received from National Oceanic and Atmospheric Administration (NOAA) National Centers for Environmental Information 1981-2010 Normals.

1.3 Hydrogeologic Setting

The GSEP lies within the Chuckwalla Valley Groundwater Basin (Chuckwalla Basin) which has a surface area of approximately 940 mi² (2,435 km²) underlying Chuckwalla Valley. It is bounded up gradient by three groundwater basins including the eastern part of the Orocopia Valley and Pinto Valley Groundwater Basins and the southern part of the Cadiz Valley Groundwater Basin; and, down gradient by the Palo Verde Mesa Groundwater Basin (Palo Verde Basin) (U.S. Bureau of Reclamation, 1972). Groundwater occurs at depths of about 80 to 130 feet below ground surface (bgs), and flow direction is southeast to eastward from the Chuckwalla Basin into the Palo Verde Basin (**Figure 2**).

Sources of groundwater recharge to the Chuckwalla Basin include precipitation, inflow from the Orocopia Valley and Pinto Valley Groundwater Basins, and return flows from agricultural sources and treated wastewater effluent. Groundwater is the only available water resource in Chuckwalla Valley, with extraction to meet local demand the primary source of groundwater outflow. Other minor sources of outflow include underflow to the Palo Verde Basin and evapotranspiration in portions of Palen Dry Lake (where shallow groundwater is present).

Calculations of the Chuckwalla Basin groundwater budget before GSEP operations indicate a stable surplus of 2,600 afy (CEC, 2010). Current operational demand, based on calendar year 2025 extraction data, is approximately 112.7 afy.

The region of the Chuckwalla Basin occupied by the GSEP and associated groundwater monitoring wells is underlain by four geological units. The shallowest unit is the unconsolidated Holocene-aged Alluvium, consisting of geologically recent lake, river, and wind deposits (DWR, 1963). Beneath the alluvium is the unconsolidated Pleistocene-aged Pinto Formation consisting of coarse alluvial fan deposits (known as fanglomerate), interspersed with clays and basalt (DWR, 1963). Beneath the Pinto Formation lies the unconsolidated to partially consolidated Pliocene-aged Bouse Formation, consisting of coarse alluvium and fanglomerate deposits (Wilson and Owen-Joyce, 1994). The Bouse Formation is underlain by bedrock consisting of metamorphic rocks and intrusive igneous basalts (DWR, 1963).

Groundwater in the GSEP monitoring region occurs in two aquifers: the shallower Alluvium aquifer, extending to a maximum approximate depth of 250 feet bgs; and, the deeper Bouse Formation aquifer, extending between approximately 250 to 6,500 feet bgs (Wilson and Owen-Joyce, 1994). The Pinto Formation exists only on the eastern fringe of the Chuckwalla Basin and is not encountered by the GSEP monitoring wells. Monitoring data indicate a downward vertical hydraulic gradient of groundwater flow from the Alluvium to the Bouse Formation aquifer.

Based on recent monitoring data, the depth to groundwater in the Bouse Formation ranges from approximately 87.40 feet bgs (300.00 feet amsl) in TW-1, located upgradient of the site, to 134.57 feet bgs (257.53 feet amsl) in Well 23a, located downgradient of the site. Perched water reportedly exists at the Chuckwalla State Prison but has not been identified closer to the facility.

1.4 Monitoring Program Objectives

Northstar performs groundwater quality monitoring in accordance with COC S&W-20 as described in the CEC's Final Decision. Monitoring is completed semiannually during the Second and Fourth Quarter of each year. The primary objectives of groundwater quality monitoring are:

- to identify potential changes in the existing water quality of the water supply resulting from GSEP pumping in compliance with COC S&W-20;
- to establish groundwater quality data within a 10-mile radius of the GSEP; and,
- to provide a mechanism for early warning to help avoid, minimize, or mitigate significant impacts to groundwater quality.

2.0 GROUNDWATER MONITORING PROGRAM

2.1 Monitoring Well Network

The following provides a summary of the monitoring well network for the GSEP required under COC S&W-20. Well locations are illustrated in **Figure 3** and summarized in **Table 1**.

- Offsite wells installed for the project include deep test wells TW-1 and TW-2, shallow observation well OBS-1, and buried-transducer well OBS-2 (currently inoperative).
- Existing and functional offsite wells located within two miles of the GSEP and project right-of-way include CalTrans water supply well 23a and Sempra Energy wells 24-1, 24-2, and 24-3.
- Well 14, a water supply well located along Chuckwalla Valley Road south of I-10, was added to the program at the request of CEC staff.
- Three groundwater extraction wells (PW-0, PW-1, and PW-2) were installed on the GSEP facility to provide water for construction and operations. Currently, PW-0 pumps water intermittently; PW-1 is sealed with a metal plate; and PW-2 pumps regularly. PW-0 and PW-2 are equipped with totalizers.
- Three groundwater monitoring wells (DM-1, DM-2, and DM-3) were installed adjacent to the evaporation ponds and serve to monitor the surrounding groundwater for signs of release.
- Other water wells within 10 miles of GSEP for which water level data are available from the National Water Information System (NWIS) database maintained by the U.S. Geological Survey (USGS). Data reported for these wells has been inconsistent but is used for general groundwater contouring if data exists within the last six months.

2.2 Groundwater Quality Monitoring Activities

Groundwater quality monitoring includes the following scope of work:

- Field staff collect groundwater level measurements in the monitoring well network;
- Purging and sampling of wells;
- Analysis of the groundwater samples for general minerals, major anions and cations, deuterium and oxygen-18, oil & grease, heat transfer fluid, and general parameters;
- Compilation of water level and water quality data for wells located in the Chuckwalla Basin within 10 miles of the GSEP for which data is available from public sources;
- Evaluation of water quality data, including appropriate statistical and graphical methods;
- Evaluation of stable isotope data for potential water sources; and,
- Evaluation of water level data and preparation of a potentiometric surface map.

3.0 FIELD METHODS

Northstar performed the most recent semiannual groundwater quality monitoring at the GSEP on June 11, 2026. A description of the field methods used is provided below.

3.1 Manual Water Level Measurements

Northstar measured the depth to groundwater in each well using a Geotech interface probe as quickly as practical to best represent the potentiometric surface across the GSEP at a given time. Field staff recorded depth to water to the nearest hundredth (0.01) foot below a surveyed measuring mark located on the north side of the top of casing (toc) on a groundwater level measurement form (**Appendix A**).

Table 2 provides a summary of current and historical groundwater level measurements and calculated groundwater elevations for wells included in the monitoring well network, and additional wells in the Chuckwalla Basin located within 10 miles of the GSEP. Groundwater elevation contours and flow direction are illustrated in **Figure 4**.

3.2 Electronic Water Level Measurements

Historically, field staff used a Geokon Model 800 data logger to retrieve groundwater level data from an array of four Geokon Model 4500S vibrating wire pressure transducers installed in OBS-2 (**Table 2**). The transducers were placed at depths of 270, 315, 370, and 400 feet below ground surface. Data from the transducers became irretrievable in 2014 due to calibration issues and are currently not monitored.

Solinst Levellogger and Barologger pressure transducers were historically installed in OBS-1, TW-1, TW-2, PW-0, PW-1, and PW-2. The transducers recorded the feet of water above the sensor at 6-hour intervals. The data was used to assess seasonal and diurnal trends in both aquifers. This data was primarily utilized for the groundwater level monitoring program (Condition of Certification Soil & Water 2), which was completed in December 2018.

3.3 Groundwater Sampling

Northstar collected groundwater samples from offsite monitoring wells 23a, TW-1, TW-2, and OBS-1 using disposable bailers. Field data sheets are included in **Appendix A**.

Detection monitoring wells DM-1, DM-2, and DM-3 are each sampled with a dedicated 1.66-inch diameter Geotech® submersible bladder pump with water intake set at the middle of wetted screen (approximately 115 feet btoc). Field staff collect samples from these wells using the low flow purging method in accordance with the most recent EPA guidance document (USEPA, 2017). Field data sheets are included in **Appendix A**.

Groundwater extraction wells PW-0 and PW-2 are equipped with dedicated water production pumps. Pumps may intermittently be turned online or offline depending on the needs of the facility. Northstar coordinates with GSEP staff to turn on these pumps when necessary to collect groundwater samples. Field data sheets are included in **Appendix A**.

Field staff measured groundwater parameters with a water quality field instrument equipped with a flow-through cell (YSI, Horiba, or equivalent). Staff calibrated the meter at the beginning of each day and decontaminated the instrument prior to use and between wells. Measurements of field parameters (pH, electrical conductivity (EC), temperature, turbidity, and oxidation-reduction potential (ORP)) were taken at 5-minute intervals and at the time of sampling as part of the low flow purge method of sampling. An equipment blank was not collected from the instrument because it is disconnected prior to sampling.

Staff purged each detection monitoring well until water quality parameters stabilized over three successive readings (± 0.2 for pH, $\pm 10\%$ for EC, ORP and turbidity) and the discharge volume exceeded the drawdown, tubing, and flow-through cell volume. Northstar staff recorded the sampling methods, volume of water purged, pumping rate, field parameter measurements, and observations of water turbidity and odor on the groundwater sampling field form (**Appendix A**).

Groundwater purged from the GSEP wells was temporarily contained in a sealed container and then disposed of in the evaporation ponds as directed in the MRP (Part II A.1.b.). The measured field parameters documented at the end of purging are included in **Table 3**.

3.4 Equipment Decontamination

Northstar decontaminated reusable/non-dedicated equipment (e.g., water level probe and flow-through cell) before use at each well. Decontamination of reusable equipment consisted of washing with a laboratory-grade non-phosphate detergent (Liquinox, Alconox, or equivalent) and potable water solution followed by a double rinse with demineralized water.

3.5 Collection of Groundwater Samples

Groundwater samples were collected using standard field procedures. The sampler wore new nitrile gloves while collecting groundwater samples. Samples were collected directly from the pump discharge tube, extraction well sampling port, or sampling bailer into laboratory-prepared bottles. Where directed by the laboratory, samples were passed through a new, disposable 0.45 micrometer filter utilizing a peristaltic pump. The purpose of the filter is to remove particulates larger than 0.45 micrometers before being placed in bottles. Prior to sampling, the tubing is disconnected from the flow-through cell and the flow rate reduced as low as feasible to minimize volatilization.

3.6 Laboratory Analytical

Laboratory samples are submitted to SunStar Laboratories, Inc. (SunStar) of Lake Forest, California. SunStar subcontracts the heat transfer fluid analysis to Eurofins Calscience Laboratories, Inc. (Eurofins) of Tustin, California. They also subcontract the oxygen-18 and deuterium stable isotope analyses to Isotech Laboratories, Inc. of Champaign, Illinois. All laboratories are state and federally certified and analyze the samples by the following methods, as detailed in the Final Decision, WDR, and MRP documents:

- Chloride, Sulfate, and Nitrate by EPA Method 300.0;
- Mercury by Standard Method 7470A;
- Total Dissolved Solids by Standard Method 2540C;
- pH by Standard Method 4500H;
- Specific Conductance by Standard Method 2510B;
- Heat Transfer Fluid (HTF) by EPA Method 8015B;
- Heavy Metals by EPA Method 200.7 and 200.8;
- Oil & Grease by EPA Method 1664A; and,
- Oxygen-18 and Deuterium by Isotope Geochemistry.

3.7 Sample Handling

Field staff labeled sample containers before sampling and placed them into an ice cooled chest immediately after sample collection. Glass bottles were sealed in protective packing sleeves for transport. Exposure to dust, direct sunlight, high temperature, adverse weather conditions and possible cross-contamination were avoided.

Standard chain of custody (COC) protocols were followed for the groundwater samples. Northstar delivered the samples under proper chain of custody protocol to SunStar which signed as receiver of the samples. SunStar sent the subcontract samples under proper COC protocols.

3.8 Quality Assurance / Quality Control

The laboratory conducted standard Quality Assurance/Quality Control (QA/QC) to assure analytical accuracy and precision. This included preparation and analysis of method blanks, surrogate spikes, matrix spike/matrix spike duplicate (MS/MSD) pairs and laboratory control samples (LCS).

Northstar collects a duplicate sample once per sampling event from a single well and submits it to the laboratory without identifiers including date and time. During this event, a duplicate sample was collected from well PW-2. Analytical results for the duplicate sample are included in **Table 4** immediately below the regular sample for this well.

4.0 RESULTS OF LABORATORY ANALYSES

All laboratory analytical reports for this reporting period are included in **Appendix C**. Results are tabulated for the monitoring network in **Table 4** and for wells outside the monitoring network (but still within the Chuckwalla Groundwater Basin) in **Table 5**.

4.1 General Inorganic Chemical Analysis

This section presents results of inorganic chemical analyses (major cations and anions, mineral constituents, and general parameters) performed on groundwater samples collected in the monitoring well network. Time series plots for each inorganic constituent are included as Charts 1 to 24 in **Appendix B**. Remarks about each chart are as follows:

- Chart 1: **Chloride** – Recent concentrations are within the normal range.
- Chart 2: **Sulfate as SO₄** – Recent concentrations are within the normal range.
- Chart 3: **Nitrate as NO₃** – Appears in low concentrations mostly in shallow monitoring wells, including upgradient well OBS-1. Recent concentrations are within the normal range except for downgradient detection monitoring well DM-3, where Nitrate was detected at the lowest concentration ever recorded for this well.
- Chart 4: **Calcium** – Recent concentrations are within the normal range except for upgradient detection monitoring well DM-1, where Calcium was detected at the highest concentration ever recorded for this well.
- Chart 5: **Copper** – Historically occurs in only a few wells at low concentrations, and was not detected during this event. There are no apparent trends.
- Chart 6: **Sodium** – Recent concentrations are within the normal range. In general, sodium concentrations increased during this period.
- Chart 7: **Potassium** – Was not detected in any wells during this event. The data has been inconsistent since the fourth quarter of 2017 and suggests irregular but significant influxes of potassium from an upgradient source.
- Chart 8: **Iron** – Was not detected during this monitoring event.
- Chart 9: **Magnesium** – In recent sampling events, has only been detected in shallow wells (DM-1, DM-2, DM-3, and OBS-1) and upgradient deep well TW-1. Recent concentrations are within the normal range except for upgradient detection monitoring well DM-1, where Magnesium was detected at the highest concentration ever recorded for this well.
- Chart 10: **Antimony** – There have been no detections to date.
- Chart 11: **Arsenic** – Was not detected during this monitoring event.
- Chart 12: **Barium** – Was not detected during this monitoring event.
- Chart 13: **Cadmium** – There have been no detections to date.
- Chart 14: **Chromium (Total)** – Was not detected during this monitoring event.
- Chart 15: **Cobalt** – There have been no detections to date.
- Chart 16: **Lead** – There have only been two detections to date – one in TW-1 (fourth quarter 2017) and in 23a (second quarter 2016).
- Chart 17: **Manganese** – Occurs in very low concentrations in most wells but punctuated by two larger detections in 23a (fourth quarter 2010) and TW-1 (second quarter 2016). Manganese has not been analyzed since the 2nd quarter of 2018 because it is no longer part of the standard set of analytes included in the analytical method.

- Chart 18: **Nickel** – Was not detected during this monitoring event.
- Chart 19: **Selenium** – Was not detected during this monitoring event.
- Chart 20: **Zinc** – Zinc was not detected during this monitoring event except in production well PW-2, where it was detected at the highest concentration ever recorded for this well. It is suspected that this is due to deterioration of the well and resultant buildup in the sample port. This sample location will be flushed more thoroughly during the next monitoring event.
- Chart 21: **Mercury** – Has occurred only once at a very low concentration in well DM-1 (second quarter 2015). Mercury has never been detected in the evaporation ponds.
- Chart 22: **Total Dissolved Solids** – Concentrations are within the normal range for all wells except for upgradient deep monitoring well TW-1, where TDS was detected at the highest concentration ever recorded for this well..
- Chart 23: **Specific Conductance** – Values are within the normal range for all wells.
- Chart 24: **pH** – Values are near baseline conditions for this reporting period, except for upgradient deep well TW-1, which displayed a pH of 11.0 for the fourth time since monitoring began. It is currently unknown why this well experiences occasional pH spikes. Overall, pH values have been very stable for all wells except for TW-1 and TW-2.

4.2 Organic Chemical Analysis

This section presents results of organic chemical analyses (oil & grease and heat transfer fluid) performed on groundwater samples collected in the monitoring well network. Time series plots for each organic constituent are included as Charts 25 and 26 in **Appendix B**. Remarks about each chart are as follows:

- Chart 25: **Oil & Grease** – Appears only sporadically in wells TW-2, OBS-1, PW-0, and PW-2. Not detected in any monitoring wells during this reporting period. There are no apparent trends.
- Chart 26: **Heat Transfer Fluid** – There have been no detections to date.

4.3 Stable Isotope Analysis

Oxygen-18 and deuterium are naturally occurring stable isotopes of oxygen and hydrogen that occur at varying concentrations in all water. Concentrations of these heavier isotopes vary in precipitation depending on latitude, elevation and climate (Froehlich and Yurtsever, 1995; Izbicki, Martin and Michel, 1995; Kendall and Coplen, 2001). Precipitation falling at higher elevations, higher latitudes, or cooler climates tend to be depleted in these heavier isotopes. The isotope depletion relative to Vienna Standard Mean Ocean Water (VSMOW) is expressed in delta notation as parts per thousand (‰). The ratio of oxygen-18 to deuterium has been well established around the world as falling on a straight line called the Global Meteoric Water Line (GMWL). This relationship between oxygen-18 and deuterium is useful for determining the source and history of a water sample. Departures from the GMWL can occur due to evaporation (which leaves the remaining water enriched in heavier isotopes), due to mixing with waters from other origins, or due to chemical reactions with surrounding materials or the atmosphere (Domenico and Schwartz, 1998).

Table 4 provides the oxygen-18 and deuterium content of the water samples collected to date. A time series plot of the stable isotopes is presented in Chart 27 and 28, and a graph of the oxygen-18 and deuterium relative to the GMWL is presented as Chart 29 in **Appendix B**. The data indicates several environmental conditions, as follows:

- Groundwater in the shallow Alluvium aquifer is less depleted than the deeper Bouse Formation aquifer, indicating that it is closer to the point of origin of groundwater recharge (ie, it is recharged by precipitation or runoff that occurs locally).
- Both aquifers are more depleted downgradient, indicating they are further from the source of precipitation or groundwater recharge.
- Upgradient groundwater in both aquifers display a greater depletion compared to the GMWL, indicating that the groundwater is becoming more enriched in oxygen-18 and deuterium in the downgradient direction, which may be a function of evapotranspiration.

All stable isotope data from the first half of 2026 shows results that are consistent with historical data, except for a slight enrichment of deuterium and oxygen-18 isotopes in upgradient wells OBS-1 and TW-1.

4.4 Statistical Analysis

In addition to the graphical representation of concentration trends, the results were analyzed using the Mann-Kendall (M-K), non-parametric statistical test to evaluate trends as directed in COC S&W-20, Part E. The M-K test compares the most recent round of groundwater data with the results of historical rounds. The statistical analysis tests whether the trend in the data set is increasing, decreasing, or is stable/has no determined trend. The M-K test typically requires a minimum data set of between 4 to 10 values, and M-K tests performed on data sets within this range may not necessarily yield reliable results. The M-K test results are also subject to seasonal variations when there is a limited data set.

For this reporting period, the M-K statistical analysis was applied to wells 23a, TW-1, TW-2, OBS-1, DM-1, DM-2, DM-3, PW-0, PW-1, and PW-2. A summary of the results is included in **Table 6**. The analysis was run (where possible) for all analytes except pH, oil & grease, heat transfer fluid, and stable isotopes (deuterium and oxygen-18) and trend direction is reported at the 95% confidence interval. The M-K analysis was not performed on analytes that were not detected during the reporting period. Additionally, analytes with insufficient data have not been statistically analyzed, but the M-K statistical analysis will be applied to these constituents once enough data points are available. Below is a summary of the M-K statistical analysis for this reporting period:

- TW-1: A significant increasing trend was identified for sulfate and sodium.
- TW-2: A significant increasing trend was identified for chloride, sodium, and conductivity.
- OBS-1: A significant increasing trend was not identified for any constituents.
- Well 23a: A significant increasing trend was identified for sodium.
- DM-1: A significant increasing trend was identified for sodium and magnesium.
- DM-2: A significant increasing trend was identified for sodium, magnesium, and conductivity.
- DM-3: A significant increasing trend was identified for sodium.
- PW-0: A significant increasing trend was identified for calcium, sodium, total dissolved solids, and conductivity.

- PW-1: There is not enough data available for this well to perform the Mann-Kendall analysis for any analytes.
- PW-2: A significant increasing trend was identified for sodium.

4.5 Quality Assurance/Quality Control

As documented in the attached laboratory reports (**Appendix C**), groundwater samples collected from network wells during the reporting period were received by the laboratory in good condition, within the temperature limits required, and analyzed within the required holding times using the specified methods (with the exception of pH, which has a 15-minute hold time, and nitrate as NO₃, which has a 48-hour hold time).

No analytes were detected in the method blank sample.

Matrix spike/matrix spike duplicate (MS/MSD) and laboratory control sample (LCS) recoveries for each method and analytical batch were within the laboratory's established control limits for the final report, with the following exceptions:

- The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected. This may have affected the results for **copper, iron, magnesium, and sodium**.
- The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The batch was accepted based on acceptable LCS recovery. This may have affected the results for **arsenic, barium, cadmium, calcium, chloride, chromium, lead, potassium, and sulfate as SO₄**.

Duplicate sample control: For this event, a duplicate sample (named DUP) was collected from sample point PW-2. The sample was submitted to the laboratory without date or time qualifiers. For this event, all sample results for PW-2 and DUP agreed within 10%, indicating consistency with sampling and analytical processes.

5.0 ANNUAL SUMMARY

The annual summary for calendar year 2026 will be provided in the *2026 Second Semiannual Groundwater Quality Monitoring Report*, which will be produced in January 2027.

6.0 CONCLUSIONS

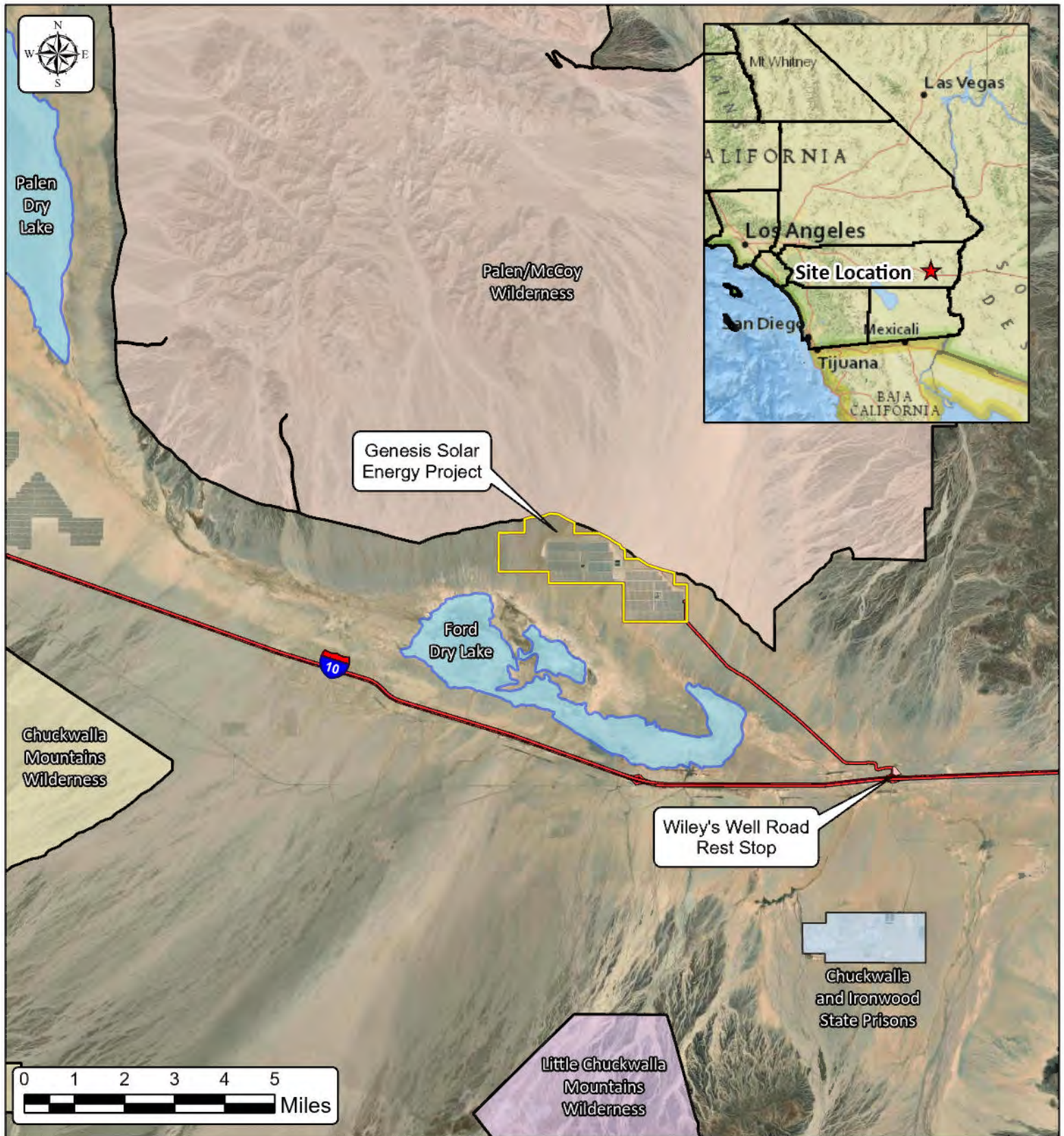
Based on the available data, it does not appear the GSEP has negatively impacted the groundwater quality in the Chuckwalla Basin or within a 10-mile radius of the GSEP facility to date. In general, all available groundwater quality data is stable and consistent with historical data.

Consistent with historical observations, concentrations of chloride, sulfate, calcium, sodium, magnesium, and selenium are generally higher in shallow, upgradient well OBS-1 and deep, upgradient well TW-1, and deplete in a downgradient direction. Potassium concentrations have been somewhat erratic but changes correlate between the shallow and deeper aquifer. Arsenic and barium occur at the highest concentrations in the deeper production wells and are naturally occurring.

7.0 REFERENCES

- Bureau of Land Management, 2010. *Final Environmental Impact Statement, Genesis Solar Energy Project*. August 27, 2010.
- California Department of Water Resources (DWR), 1963. *Data on Water Wells and Springs in the Chuckwalla Valley Area, Riverside County, California*. Bulletin No. 91-7.
- California Energy Commission (CEC), 2010. *Genesis Solar Energy Project Commission Decision*. October 12, 2010.
- California Regional Water Quality Control Board – Colorado River Basin Region, 2013a. *Board Order R7-2013-0005: Monitoring and Reporting Program for Genesis Solar LLC*. March 21, 2013.
- California Regional Water Quality Control Board – Colorado River Basin Region, 2013b. *Board Order R7-2013-0005: Waste Discharge Requirements for Genesis Solar LLC*. March 21, 2013.
- Domenico, P. and Schwartz, F., 1998. *Physical and Chemical Hydrogeology*. J. Wiley & Sons.
- Froehlich, K. and Yurtsever, Y., 1995. *Isotope Techniques for Water Resources in Arid and Semiarid Regions: in Applications of Tracers in Arid Zone Hydrology*. IAHS Publication no. 232.
- Genesis Solar, LLC, 2009. *Application for Certification, Genesis Solar Energy Project, Riverside County, California*. August 31, 2009.
- Genesis Solar, LLC, 2010. *Plan of Development CA48880, Genesis Solar Energy Project, Riverside County, California*. October 2010.
- Izbicki, J., Martin, P. and Michel, R., 1995. *Source, Movement and Age of Groundwater in the Upper Part of the Mojave River Basin, California, USA: in Applications of Tracers in Arid Zone Hydrology*. IAHS Publication no. 232.
- Kendall, C. and Coplen, T., 2001. *Distribution of Oxygen-18 and Deuterium in River Waters Across the United States*.
- U.S. Bureau of Reclamation, 1972. *Inland Basins Project, California-Nevada, Summary Report: Reconnaissance Investigations*. 1972.
- U.S. Environmental Protection Agency (USEPA), 2017. *Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells*. September 19, 2017.
- Wilson, R.P., and Owen-Joyce, S.J., 1994. *Method to identify wells that yield water that will be replaced by Colorado River water in Arizona, California, Nevada, and Utah*. U.S. Geological Survey, Water Resources Investigation Report 94-4005.

FIGURES



Legend

- GSEP Property Boundary
- Chuckwalla and Ironwood State Prisons
- Chuckwalla Mountains Wilderness Area
- Little Chuckwalla Mountains Wilderness Area
- Palen/McCoy Wilderness Area
- Dry Lakes
- Roads

Genesis Solar Energy Project
11995 Wiley's Well Road, Blythe, CA 92225

FIGURE 1
Site Vicinity Map

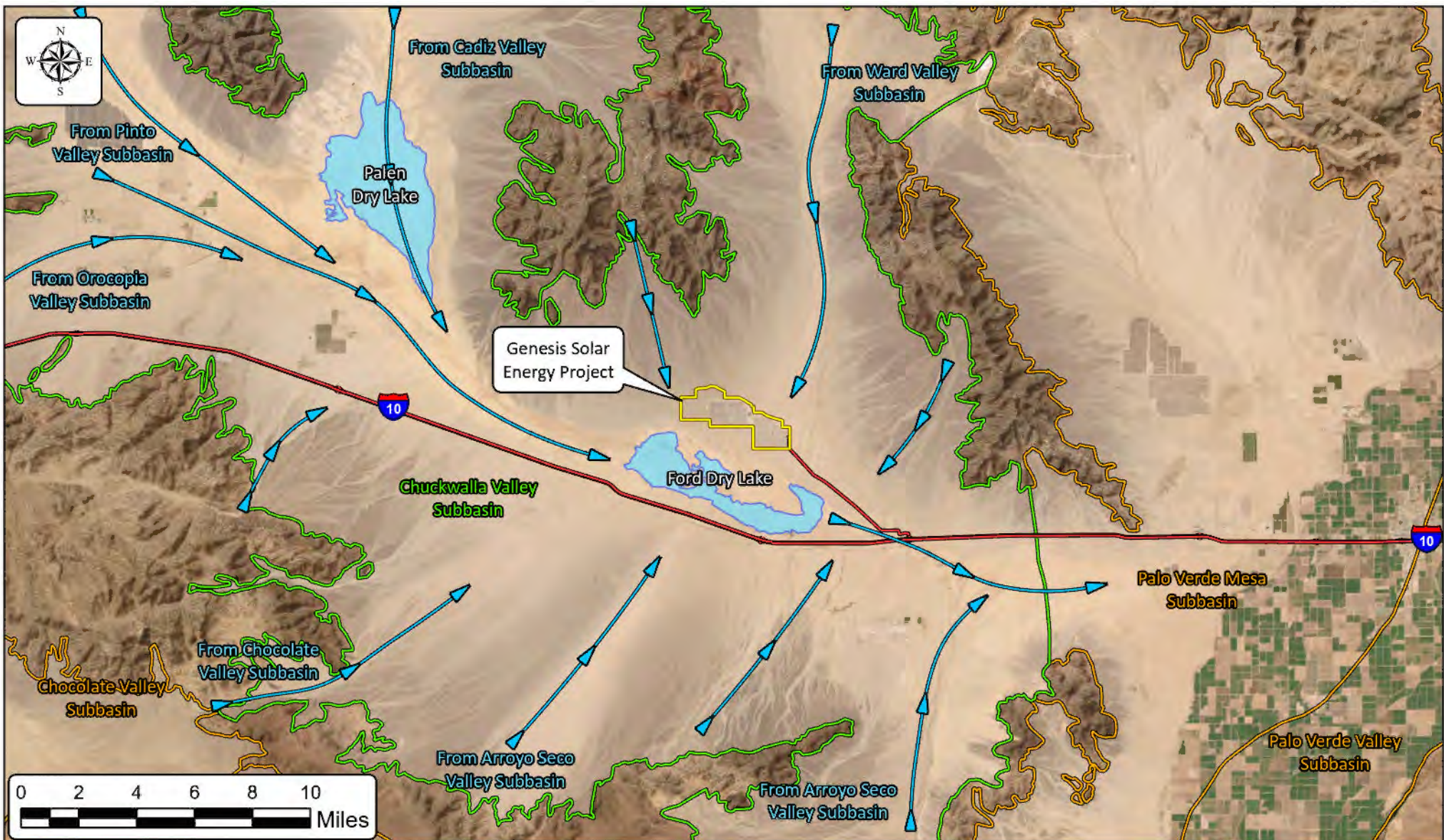


Project No. 196-004

Drawn By: AWB

Draw Date: 15 Jul 2026

Checked By: AWB



Legend

-  GSEP Property Boundary
-  Chuckwalla Valley Groundwater Subbasin
-  Adjacent Groundwater Subbasins
-  Dry Lakes
-  Water Flow Direction

Genesis Solar Energy Project
11995 Wiley's Well Road, Blythe, CA 92225

FIGURE 2
Hydrogeologic Setting

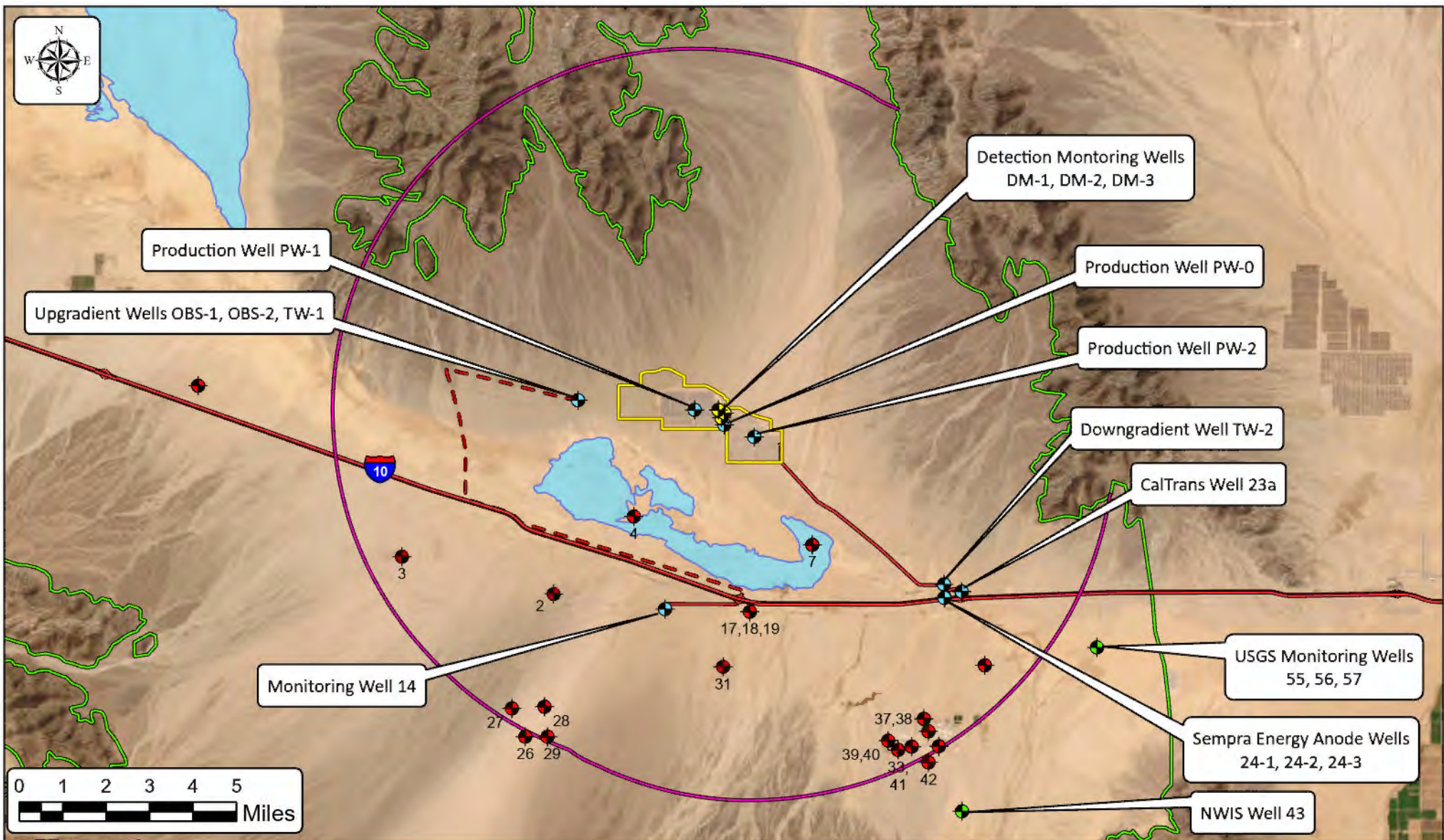


Project No. 196-004

Draw Date: 15 Jul 2026

Drawn By: AWB

Checked By: AWB



Legend

- GSEP Property Boundary
- Chuckwalla Valley Groundwater Subbasin
- 10 Mile Boundary
- Dry Lakes
- Paved Access Road
- Unpaved Well Access Road
- Active Monitoring Wells
- Detection Monitoring Wells
- Active NWIS Wells
- Inactive NWIS Wells

Genesis Solar Energy Project
11995 Wiley's Well Road, Blythe, CA 92225

FIGURE 3
Monitoring Area Showing all
Groundwater Monitoring Wells

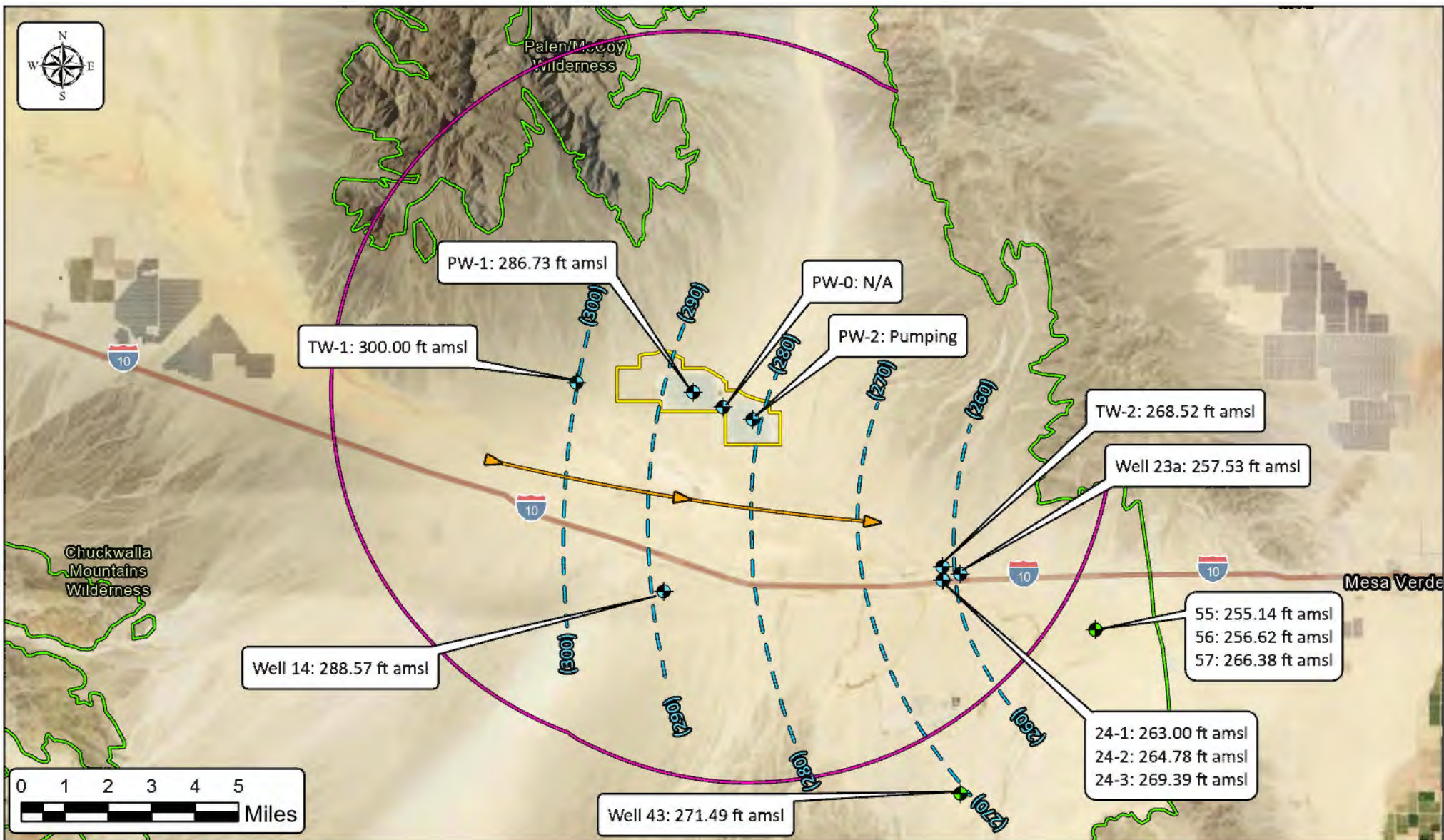


Project No. 196-004

Draw Date: 15 Jul 2026

Drawn By: AWB

Checked By: AWB



Legend

- GSEP Property Boundary
- Chuckwalla Valley Groundwater Subbasin
- 10 Mile Boundary
- Groundwater Elevation Contour
- Groundwater Gradient Direction

- Active Monitoring Wells
- Active NWIS Wells

Genesis Solar Energy Project
11995 Wiley's Well Road, Blythe, CA 92225

FIGURE 4
Bouse Formation Groundwater Elevation
Contour Map - June 2026



Project No. 196-004

Draw Date: 15 Jul 2026

Drawn By: AWB

Checked By: AWB

TABLES

TABLE 1
INVENTORY OF WELLS IN THE GROUNDWATER MONITORING AREA
 Genesis Solar Energy Project, Riverside County, California

Well ID	State Well Number	Other Name	Owner	Installation Date	Use/Status	Well Casing Diameter (inches)	Approximate Ground Surface Elevation (feet amsl)	Top Of Casing Elevation (feet amsl)	Well Depth (feet bgs)	Screened Interval (feet bgs)	Geologic Unit
WELLS INCLUDED IN THE GROUNDWATER MONITORING PROGRAM											
OBS-1 ¹	--	Shallow Observation Well 1	Genesis Solar, LLC	5/9/2009	Monitoring / Active	5	385.857	388.3	160	100-150	Alluvium
OBS-2-270 ^{1,2}	--	Nested Observation Well 2	Genesis Solar, LLC	7/2/2009	Buried Transducer / Inactive	--	385.617	388.14	270	265-275	Bouse Formation
OBS-2-315 ^{1,2}	--	Nested Observation Well 2	Genesis Solar, LLC	7/2/2009	Buried Transducer / Inactive	--	385.617	388.14	315	304-327	Bouse Formation
OBS-2-370 ^{1,2}	--	Nested Observation Well 2	Genesis Solar, LLC	7/2/2009	Buried Transducer / Inactive	--	385.617	388.14	370	359-374	Bouse Formation
OBS-2-400 ^{1,2}	--	Nested Observation Well 2	Genesis Solar, LLC	7/2/2009	Buried Transducer / Inactive	--	385.617	388.14	400	387-418	Bouse Formation
TW-1 ¹	--	Test Well 1	Genesis Solar, LLC	5/22/2009	Monitoring / Active	5	385.91	387.4	565	340-564	Bouse Formation
TW-2 ¹	--	Test Well 2	Genesis Solar, LLC	12/9/2009	Monitoring and Dust Control / Active	5	390.003	393.47	1,841	793-873, 1042-1123, 1439-1601, 1739-1820	Bouse Formation / Fanglomerate
PW-0	--	Production Well 0	Genesis Solar, LLC	7/9/2011	Production Well	10	--	--	1,251	882-1002, 1226-1251	Bouse Formation / Fanglomerate
PW-1	--	Production Well 1	Genesis Solar, LLC	8/14/2011	Production Well	10	--	--	1,360	930-950, 990-1000, 1040-1100, 1120-1140, 1160-1200, 1260-1360	Bouse Formation / Fanglomerate
PW-2	--	Production Well 2	Genesis Solar, LLC	9/15/2011	Production Well	10	--	--	1,125	770-930, 980-1120	Bouse Formation
DM-1	--	Detection Monitoring Well 1	Genesis Solar, LLC	2/22/2012	Monitoring / Active	4	--	391.49	120	100-120	Alluvium
DM-2	--	Detection Monitoring Well 2	Genesis Solar, LLC	2/21/2012	Monitoring / Active	4	--	391.32	120	100-120	Alluvium
DM-3	--	Detection Monitoring Well 3	Genesis Solar, LLC	2/20/2012	Monitoring / Active	4	--	388.34	120	100-120	Alluvium
14 ^{1,3}	6S/19E-32	--	Lorne Froats (AZCA Drilling)	5/1/1991	Domestic/ Irrigation/ Dust Control	12 to 10	393.548	388.14	982 (obstructed at 450)	890-940	Fanglomerate
23a ^{1,4}	6S/20E-33C1	CalTrans Well @ WWRS	CalTrans	Unknown	Water Supply / Inactive	8	397.28	392.1	1,825	1800-1825	Fanglomerate
24-1 ^{1,5}	6S/20E-33	SCG Anode Well	So Cal Gas	4/29/1989	Anode / Inactive	2	389.3	389.4	435	235-435	Alluvium/Bouse Formation
24-2 ⁵	6S/20E-33	SCG Anode Well	So Cal Gas	Unknown	Anode / Inactive	1	389.09	388.86	Obstructed at 373 feet	235-435	Alluvium/Bouse Formation
24-3 ⁵	6S/20E-33	SCG Anode Well	So Cal Gas	Unknown	Anode / Inactive	1	388.2	392.04	Unknown	--	Alluvium/Bouse Formation
ADDITIONAL WELLS IN THE CHUCKWALLA VALLEY GROUNDWATER BASIN WITHIN 10 MILES OF THE SITE FOR WHICH MONITORING DATA IS AVAILABLE											
2	6S/18E-36E1	--	CA Jojoba Research and Development	12/18/1981	Irrigation	10 to 6	424	--	940	250-290, 770-810	Alluvium/Bouse Formation
3	6S/18E-29	Siddall Well	Agra Energy Corp.	2/26/1982	Irrigation	20 to 8	498	--	957	560-940	Bouse Formation
4	6S/19E-1911	--	--	--	Unused	12	354	--	--	--	--
9	6S/19E-28R1	--	--	--	Unused	--	354	--	--	--	--
15	6S/19E-32K1	--	--	--	--	12.5	390.2	--	Obstructed at 526 feet	--	Bouse Formation
16	6S/19E-32K2	--	--	--	--	10.5	390	--	Obstructed at 297 feet	--	Bouse Formation
22	6S/20E-33L1	--	--	--	Unknown / Destroyed	--	--	--	--	--	Bouse Formation
23	6S/20E-33C1	--	--	--	Unknown / Destroyed	10	392	--	400	--	--
26	7S/18E-14F1	--	U.S. AgriResearch and Development	12/26/1982	Irrigation	16 to 10	562.58	--	1,000 (obstructed at 952 feet)	410-630, 750-770, 810-870	Alluvium/Bouse Formation
27	7S/18E-11N1	--	--	--	Unused	16	555	--	486.4	--	Bouse Formation
28	7S/18E-11R1	--	--	--	Unused	16	520	--	779.4	--	Bouse Formation
29	7S/18E-14H1	--	U.S. AgriResearch and Development	1/16/1983	Irrigation	10	545.91	--	985 (obstructed at 950 feet)	420-460, 500-520, 540-580, 620-820, 840-990	Bouse Formation
31	7S/19E-4R1	Teaque Well	--	--	Unused	12	423.89	--	242.2	--	Alluvium
32	7S/20E-4R1	Vada McBride	--	--	Unused	16	418	--	315.7	--	Bouse Formation
33	7S/20E-16M1	--	CA Department of Corrections	--	--	30 to 16	456.02	--	1,200	690-1190	Bouse Formation/ Fanglomerate
34	7S/20E-17L1	WP-4	CA Department of Corrections	9/8/1992	Public Water Supply	24	458.3	--	1,200	690-1190	Bouse Formation/ Fanglomerate
35	7S/20E-17K1	--	CA Department of Corrections	12/20/1989	--	30 to 16	456.48	--	1,200	690-1190	Bouse Formation/ Fanglomerate
36 ⁶	7S/20E-17G1	--	CA Department of Corrections	12/30/1987	Industrial	30 to 16 to 10	443.5	--	1,200	690-1190	Bouse Formation/ Fanglomerate
37 ⁶	7S/20E-17C1	78, North Well	CA Department of Corrections	7/28/1981	Irrigation	14-10	433.09	--	1,050	750-1,050	Bouse Formation/ Fanglomerate
39	7S/20E-18H1	--	CA Department of Corrections	--	--	--	442.9	--	1,139	--	Bouse Formation/ Fanglomerate
40	7S/20E-18K1	WP-6	CA Department of Corrections	11/4/1992	Public Water Supply	15 to 10	449.4	--	1,200	690-1,200	Bouse Formation/ Fanglomerate
41	7S/20E-18R1	WP-5	CA Department of Corrections	10/24/1992	Public Water Supply	13.5 to 10	453.6	--	1,160	--	Fanglomerate
42	7S/20E-20B1	79 / Observation Well 3	--	6/4/1905	Irrigation	16 to 12	470	--	1,100	738-1,100	Bouse Formation/ Fanglomerate
43	7S/20E-28C1	7S/20E-28F1/80	Jojoba Inc.	3/15/1982	Irrigation	10 to 8	505.6	--	830	510-600, 680-780	Bouse Formation
44	7S/20E-28C2	--	Jojoba Southwest	11/30/1989	Irrigation	16 to 12	505.3	--	1,100	700-1,100	Bouse Formation/ Fanglomerate
47	8S/20E-10N2	60	--	1984	--	4	621	--	872	500-580, 620-640, 710-850	Bouse Formation
50	6S/17E-3M1	--	--	--	--	--	566	--	818	--	Bouse Formation
54	8S/20E-28N1	--	--	--	--	--	654.5	--	500	--	Bouse Formation
55	7S/20E-1M1	CWV1#1	USGS	1/23/2012	Exploratory	2	415.4	--	993	973-993	Bouse Formation
56	7S/20E-1M2	CWV1#2	USGS	1/23/2012	Exploratory	2	415.4	--	505	485-505	Pinto Formation

TABLE 1
INVENTORY OF WELLS IN THE GROUNDWATER MONITORING AREA
 Genesis Solar Energy Project, Riverside County, California

Well ID	State Well Number	Other Name	Owner	Installation Date	Use/Status	Well Casing Diameter (inches)	Approximate Ground Surface Elevation (feet amsl)	Top Of Casing Elevation (feet amsl)	Well Depth (feet bgs)	Screened Interval (feet bgs)	Geologic Unit
57	7S/20E-1M3	CWV1#3	USGS	1/23/2012	Exploratory	2	415.4	--	230	210-230	Alluvium
ADDITIONAL WELLS IN THE CHUCKWALLA VALLEY GROUNDWATER BASIN WITHIN 10 MILES OF THE SITE FOR WHICH MONITORING DATA ARE NOT AVAILABLE											
1	5S/20E-16M1	McCoy Spring and DWR-17	--	--	Unused	--	889	--	--	--	--
5	6S/19E-25P1	--	--	--	Unknown / Destroyed	10	360	--	85.7	--	Alluvium
6	6S/19E-25R1	--	--	--	Unknown / Destroyed	10	360	--	61.9	--	Alluvium
7	6S/19E-25	Boreholes 1A, 1B, 1C	USGS	1978	Exploratory Borehole / Abandoned	--	358	--	--	--	--
8	6S/19E-26Z1	--	--	--	Unknown / Destroyed	--	--	--	--	--	--
10	6S/19E-29E1	--	--	--	Destroyed/ Collapsed	6	377	--	Obstructed at 19.7	--	--
11	6S/19E-30H1	--	--	--	Destroyed	6	370	--	28.7	--	Alluvium
12	6S/19E-31Z1	--	--	--	Destroyed	--	--	--	--	--	--
13	6S/19E-32	--	Jacado Agri Corp.	6/27/1982	Destroyed	22 to 18 to 12	392	--	732	307-327, 365-732	Bouse Formation
17	6S/19E-33A1	Hopkins Well and DWR-33X1	--	1911	Destroyed	12 to 8	361	--	1,200 (obstructed at 267 feet)	1,175-1,200	Fanglomerate
18	6S/19E-34	--	So Cal Gas	4/29/1989	Anode	1	368	--	400	200-400	Alluvium/Bouse Formation
19	6S/19E-34	--	So Cal Gas	7/15/1981	Other	--	369	--	274	0-274	Alluvium/Bouse Formation
20	6S/19E-36A1	--	--	--	Destroyed	10	365	--	64.8	--	Alluvium
21	6S/20E-30Z1	Ford Well	--	--	Stock / Destroyed	10	--	--	--	--	--
25	6S/20E-33	--	So Cal Gas	7/20/1981	Monitoring / Presumed Destroyed	1	397	--	278	0-278	Alluvium/Bouse Formation
30	7S/18E-14H1	--	--	--	Destroyed	6	546	--	123.9	--	Alluvium
38	7/20E-17C2	Observation Well 1	CA Department of Corrections	6/20/1986	Monitoring / Presumed Destroyed	1 1/4	433	--	1,040	795-815, 995-1,015	Bouse Formation/ Fanglomerate
45	7S/20E-28	--	Chuckwalla Jojoba inc Great American Securities	6/6/1989	Test Hole/Abandoned	--	505	--	825	--	--
46	7S/20E-27L1	--	--	--	Destroyed	8	517	--	53.6	--	Alluvium

Notes:

-- = information not available or unknown

amsl = above mean sea level

bgs = below ground surface

1. Wells were surveyed on February 8 & 9, 2011. Ground surface elevation survey measurement taken at top of concrete pad.

2. Nested pressure transducer buried in place.

3. Well is obstructed at 450 feet and therefore not suitable for groundwater quality monitoring. Used for groundwater level monitoring only.

4. Well completion and screened interval determined by video log performed on 11/09/2010

5. Anode well completed with Coke Breeze and not considered to be suitable for water quality sampling and used for groundwater level monitoring program only.

6. No access port for groundwater level monitoring; used for groundwater quality monitoring only.

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
WELLS INCLUDED IN THE GROUNDWATER LEVEL MONITORING PROGRAM							
TW-1	5/23/2009	WorleyParsons	387.40	89.75	297.65	N/A	Monitoring
TW-1	11/10/2010	WorleyParsons	387.40	86.65	300.75	0.00	Baseline
TW-1	2/8/2011	WorleyParsons	387.40	86.67	300.73	-0.02	Monitoring
TW-1	6/8/2011	WorleyParsons	387.40	86.58	300.82	0.07	Monitoring
TW-1	9/25/2011	WorleyParsons	387.40	86.48	300.92	0.17	Monitoring
TW-1	12/13/2011	WorleyParsons	387.40	86.25	301.15	0.40	Monitoring
TW-1	2/21/2012	WorleyParsons	387.40	86.58	300.82	0.07	Monitoring
TW-1	5/23/2012	WorleyParsons	387.40	86.43	300.97	0.22	Monitoring
TW-1	7/26/2012	WorleyParsons	387.40	86.47	300.93	0.18	Monitoring
TW-1	10/23/2012	WorleyParsons	387.40	86.43	300.97	0.22	Monitoring
TW-1	3/29/2013	WorleyParsons	387.40	86.46	300.94	0.19	Monitoring
TW-1	6/20/2013	WorleyParsons	387.40	86.43	300.97	0.22	Monitoring
TW-1	8/13/2013	WorleyParsons	387.40	86.43	300.97	0.22	Monitoring
TW-1	11/14/2013	WorleyParsons	387.40	86.53	300.87	0.12	Monitoring
TW-1	2/26/2014	WorleyParsons	387.40	86.49	300.91	0.16	Monitoring
TW-1	5/20/2014	Northstar	387.40	86.47	300.93	0.18	Monitoring
TW-1	8/8/2014	Northstar	387.40	86.46	300.94	0.19	Monitoring
TW-1	12/4/2014	Northstar	387.40	86.50	300.90	0.15	Monitoring
TW-1	3/26/2015	Northstar	387.40	86.56	300.84	0.09	Monitoring
TW-1	6/11/2015	Northstar	387.40	86.50	300.90	0.15	Monitoring
TW-1	12/10/2015	Northstar	387.40	86.56	300.84	0.09	Monitoring
TW-1	6/2/2016	Northstar	387.40	86.58	300.82	0.07	Monitoring
TW-1	11/30/2016	Northstar	387.40	86.70	300.70	-0.05	Monitoring
TW-1	6/1/2017	Northstar	387.40	86.60	300.80	0.05	Monitoring
TW-1	12/5/2017	Northstar	387.40	86.70	300.70	-0.05	Monitoring
TW-1	6/1/2018	Northstar	387.40	86.61	300.79	0.04	Monitoring
TW-1	12/4/2018	Northstar	387.40	86.75	300.65	-0.10	Monitoring
TW-1	6/13/2019	Northstar	387.40	86.70	300.70	-0.05	Monitoring
TW-1	12/5/2019	Northstar	387.40	86.70	300.70	-0.05	Monitoring
TW-1	6/5/2020	Northstar	387.40	86.78	300.62	-0.13	Monitoring
TW-1	12/3/2020	Northstar	387.40	87.05	300.35	-0.40	Monitoring
TW-1	6/4/2021	Northstar	387.40	87.10	300.30	-0.45	Monitoring
TW-1	12/3/2021	Northstar	387.40	87.72	299.68	-1.07	Monitoring
TW-1	6/2/2022	Northstar	387.40	87.40	300.00	-0.75	Monitoring
TW-1	12/1/2022	Northstar	387.40	87.28	300.12	-0.63	Monitoring
TW-1	6/8/2023	Northstar	387.40	87.35	300.05	-0.70	Monitoring
TW-1	12/7/2023	Northstar	387.40	87.20	300.20	-0.55	Monitoring
TW-1	6/6/2024	Northstar	387.40	87.35	300.05	-0.70	Monitoring
TW-1	12/5/2024	Northstar	387.40	88.40	299.00	-1.75	Monitoring
TW-1	6/3/2025	Northstar	387.40	88.25	299.15	-1.60	Monitoring
TW-1	12/4/2025	Northstar	387.40	87.79	299.61	-1.14	Monitoring
TW-1	6/11/2026	Northstar	387.40	87.40	300.00	-0.75	Monitoring
TW-2	1/5/2010	WorleyParsons	393.47	132.37	261.10	N/A	Monitoring
TW-2	11/9/2010	WorleyParsons	393.47	127.09	266.38	0.00	Baseline
TW-2	1/19/2011	WorleyParsons	393.47	125.68	267.79	1.41	Monitoring
TW-2	2/8/2011	WorleyParsons	393.47	Pumping		N/A	Pumping
TW-2	6/9/2011	WorleyParsons	393.47	126.46	267.01	0.63	Monitoring
TW-2	9/26/2011	WorleyParsons	393.47	128.04	265.43	-0.95	Monitoring
TW-2	12/14/2011	WorleyParsons	393.47	127.75	265.72	-0.66	Monitoring
TW-2	2/21/2012	WorleyParsons	393.47	127.85	265.62	-0.76	Monitoring
TW-2	5/24/2012	WorleyParsons	393.47	127.88	265.59	-0.79	Monitoring
TW-2	7/26/2012	WorleyParsons	393.47	128.09	265.38	-1.00	Monitoring
TW-2	10/23/2012	WorleyParsons	393.47	127.87	265.60	-0.78	Monitoring
TW-2	3/28/2013	WorleyParsons	393.47	127.22	266.25	-0.13	Monitoring
TW-2	6/20/2013	WorleyParsons	393.47	127.52	265.95	-0.43	Monitoring
TW-2	8/13/2013	WorleyParsons	393.47	127.88	265.59	-0.79	Monitoring
TW-2	11/12/2013	WorleyParsons	393.47	128.07	265.40	-0.98	Monitoring
TW-2	2/26/2014	WorleyParsons	393.47	127.00	266.47	0.09	Monitoring
TW-2	5/20/2014	Northstar	393.47	127.18	266.29	-0.09	Monitoring
TW-2	8/8/2014	Northstar	393.47	127.40	266.07	-0.31	Monitoring
TW-2	12/4/2014	Northstar	393.47	127.22	266.25	-0.13	Monitoring
TW-2	3/26/2015	Northstar	393.47	127.08	266.39	0.01	Monitoring
TW-2	6/11/2015	Northstar	393.47	127.00	266.47	0.09	Monitoring
TW-2	12/10/2015	Northstar	393.47	126.71	266.76	0.38	Monitoring
TW-2	6/2/2016	Northstar	393.47	126.60	266.87	0.49	Monitoring
TW-2	11/30/2016	Northstar	393.47	126.86	266.61	0.23	Monitoring
TW-2	6/1/2017	Northstar	393.47	126.60	266.87	0.49	Monitoring
TW-2	12/5/2017	Northstar	393.47	126.75	266.72	0.34	Monitoring
TW-2	6/1/2018	Northstar	393.47	126.78	266.69	0.31	Monitoring
TW-2	12/4/2018	Northstar	393.47	127.38	266.09	-0.29	Monitoring
TW-2	6/14/2019	Northstar	393.47	127.05	266.42	0.04	Monitoring

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
TW-2	12/5/2019	Northstar	393.47	126.75	266.72	0.34	Monitoring
TW-2	6/5/2020	Northstar	393.47	126.60	266.87	0.49	Monitoring
TW-2	12/3/2020	Northstar	393.47	126.98	266.49	0.11	Monitoring
TW-2	6/4/2021	Northstar	393.47	126.60	266.87	0.49	Monitoring
TW-2	12/2/2021	Northstar	393.47	127.01	266.46	0.08	Monitoring
TW-2	6/2/2022	Northstar	393.47	126.75	266.72	0.34	Monitoring
TW-2	12/1/2022	Northstar	393.47	126.88	266.59	0.21	Monitoring
TW-2	6/8/2023	Northstar	393.47	126.48	266.99	0.61	Monitoring
TW-2	12/7/2023	Northstar	393.47	126.90	266.57	0.19	Monitoring
TW-2	6/6/2024	Northstar	393.47	127.05	266.42	0.04	Monitoring
TW-2	12/5/2024	Northstar	393.47	125.48	267.99	1.61	Monitoring
TW-2	6/3/2025	Northstar	393.47	125.00	268.47	2.09	Monitoring
TW-2	12/4/2025	Northstar	393.47	124.94	268.53	2.15	Monitoring
TW-2	6/11/2026	Northstar	393.47	124.95	268.52	2.14	Monitoring
OBS-1	5/25/2009	WorleyParsons	388.30	79.22	309.08	N/A	Monitoring
OBS-1	11/10/2010	WorleyParsons	388.30	77.67	310.63	0.00	Baseline
OBS-1	2/8/2011	WorleyParsons	388.30	77.98	310.32	-0.31	Monitoring
OBS-1	6/8/2011	WorleyParsons	388.30	77.99	310.31	-0.32	Monitoring
OBS-1	9/25/2011	WorleyParsons	388.30	78.08	310.22	-0.41	Monitoring
OBS-1	12/13/2011	WorleyParsons	388.30	78.29	310.01	-0.62	Monitoring
OBS-1	2/21/2012	WorleyParsons	388.30	78.17	310.13	-0.50	Monitoring
OBS-1	5/23/2012	WorleyParsons	388.30	78.14	310.16	-0.47	Monitoring
OBS-1	7/26/2012	WorleyParsons	388.30	78.15	310.15	-0.48	Monitoring
OBS-1	10/23/2012	WorleyParsons	388.30	78.09	310.21	-0.42	Monitoring
OBS-1	3/29/2013	WorleyParsons	388.30	78.06	310.24	-0.39	Monitoring
OBS-1	6/20/2013	WorleyParsons	388.30	78.05	310.25	-0.38	Monitoring
OBS-1	8/13/2013	WorleyParsons	388.30	78.07	310.23	-0.40	Monitoring
OBS-1	11/14/2013	WorleyParsons	388.30	78.15	310.15	-0.48	Monitoring
OBS-1	2/26/2014	WorleyParsons	388.30	78.12	310.18	-0.45	Monitoring
OBS-1	5/20/2014	Northstar	388.30	78.06	310.24	-0.39	Monitoring
OBS-1	8/8/2014	Northstar	388.30	78.05	310.25	-0.38	Monitoring
OBS-1	12/4/2014	Northstar	388.30	78.10	310.20	-0.43	Monitoring
OBS-1	3/26/2015	Northstar	388.30	78.15	310.15	-0.48	Monitoring
OBS-1	6/11/2015	Northstar	388.30	78.10	310.20	-0.43	Monitoring
OBS-1	12/10/2015	Northstar	388.30	78.20	310.10	-0.53	Monitoring
OBS-1	6/2/2016	Northstar	388.30	78.14	310.16	-0.47	Monitoring
OBS-1	11/30/2016	Northstar	388.30	78.20	310.10	-0.53	Monitoring
OBS-1	6/1/2017	Northstar	388.30	78.13	310.17	-0.46	Monitoring
OBS-1	12/5/2017	Northstar	388.30	78.18	310.12	-0.51	Monitoring
OBS-1	6/1/2018	Northstar	388.30	78.10	310.20	-0.43	Monitoring
OBS-1	12/4/2018	Northstar	388.30	78.18	310.12	-0.51	Monitoring
OBS-1	6/13/2019	Northstar	388.30	78.12	310.18	-0.45	Monitoring
OBS-1	12/5/2019	Northstar	388.30	78.10	310.20	-0.43	Monitoring
OBS-1	6/5/2020	Northstar	388.30	78.10	310.20	-0.43	Monitoring
OBS-1	12/3/2020	Northstar	388.30	78.25	310.05	-0.58	Monitoring
OBS-1	6/4/2021	Northstar	388.30	78.15	310.15	-0.48	Monitoring
OBS-1	12/3/2021	Northstar	388.30	78.22	310.08	-0.55	Monitoring
OBS-1	6/2/2022	Northstar	388.30	78.15	310.15	-0.48	Monitoring
OBS-1	12/1/2022	Northstar	388.30	78.15	310.15	-0.48	Monitoring
OBS-1	6/8/2023	Northstar	388.30	78.15	310.15	-0.48	Monitoring
OBS-1	12/7/2023	Northstar	388.30	78.12	310.18	-0.45	Monitoring
OBS-1	6/6/2024	Northstar	388.30	78.11	310.19	-0.44	Monitoring
OBS-1	12/5/2024	Northstar	388.30	78.22	310.08	-0.55	Monitoring
OBS-1	6/3/2025	Northstar	388.30	78.20	310.10	-0.53	Monitoring
OBS-1	12/4/2025	Northstar	388.30	78.11	310.19	-0.44	Monitoring
OBS-1	6/11/2026	Northstar	388.30	78.18	310.12	-0.51	Monitoring
OBS-2-270 ⁶	7/9/2009	WorleyParsons	388.14	78.75	309.39	N/A	Monitoring
OBS-2-270 ⁶	11/10/2010	WorleyParsons	388.14	80.56	307.58	0.00	Baseline
OBS-2-270 ⁶	2/8/2011	WorleyParsons	388.14	80.61	307.53	-0.05	Monitoring
OBS-2-270 ⁶	2/8/2011	WorleyParsons	388.14	80.68	307.46	-0.12	Monitoring
OBS-2-270 ⁶	9/25/2011	WorleyParsons	388.14	80.77	307.37	-0.21	Monitoring
OBS-2-270 ⁶	12/14/2011	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-270 ⁶	2/21/2012	WorleyParsons	388.14	80.47	307.67	0.09	Monitoring
OBS-2-270 ⁶	5/25/2012	WorleyParsons	388.14	81.28	306.86	-0.72	Monitoring
OBS-2-270 ⁶	7/26/2012	WorleyParsons	388.14	81.00	307.14	-0.44	Monitoring
OBS-2-270 ⁶	10/23/2012	WorleyParsons	388.14	81.01	307.13	-0.45	Monitoring
OBS-2-270 ⁶	3/29/2013	WorleyParsons	388.14	80.99	307.15	-0.43	Monitoring
OBS-2-270 ⁶	6/20/2013	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-270 ⁶	8/13/2013	WorleyParsons	388.14	NM ²		N/A	Monitoring

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
OBS-2-270 ⁶	11/12/2013	WorleyParsons	388.14	81.24	306.90	-0.68	Monitoring
OBS-2-270 ⁶	2/26/2014	WorleyParsons	388.14	81.48	306.66	-0.92	Monitoring
OBS-2-315 ⁶	7/9/2009	WorleyParsons	388.14	80.89	307.25	N/A	Monitoring
OBS-2-315 ⁶	11/10/2010	WorleyParsons	388.14	82.51	305.63	0.00	Baseline
OBS-2-315 ⁶	2/8/2011	WorleyParsons	388.14	82.61	305.53	-0.10	Monitoring
OBS-2-315 ⁶	2/8/2011	WorleyParsons	388.14	82.83	305.31	-0.32	Monitoring
OBS-2-315 ⁶	9/25/2011	WorleyParsons	388.14	83.03	305.11	-0.52	Monitoring
OBS-2-315 ⁶	12/14/2011	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-315 ⁶	2/21/2012	WorleyParsons	388.14	82.81	305.33	-0.30	Monitoring
OBS-2-315 ⁶	5/25/2012	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-315 ⁶	7/26/2012	WorleyParsons	388.14	83.38	304.76	-0.87	Monitoring
OBS-2-315 ⁶	10/23/2012	WorleyParsons	388.14	83.43	304.71	-0.92	Monitoring
OBS-2-315 ⁶	3/29/2013	WorleyParsons	388.14	83.45	304.69	-0.94	Monitoring
OBS-2-315 ⁶	6/20/2013	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-315 ⁶	8/13/2013	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-315 ⁶	11/12/2013	WorleyParsons	388.14	83.74	304.40	-1.23	Monitoring
OBS-2-315 ⁶	2/26/2014	WorleyParsons	388.14	83.96	304.18	-1.45	Monitoring
OBS-2-370 ⁶	7/9/2009	WorleyParsons	388.14	82.46	305.68	N/A	Monitoring
OBS-2-370 ⁶	11/10/2010	WorleyParsons	388.14	84.60	303.54	0.00	Baseline
OBS-2-370 ⁶	2/8/2011	WorleyParsons	388.14	85.01	303.13	-0.41	Monitoring
OBS-2-370 ⁶	9/25/2011	WorleyParsons	388.14	85.24	302.90	-0.64	Monitoring
OBS-2-370 ⁶	12/14/2011	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-370 ⁶	2/21/2012	WorleyParsons	388.14	85.05	303.09	-0.45	Monitoring
OBS-2-370 ⁶	5/25/2012	WorleyParsons	388.14	85.84	302.30	-1.24	Monitoring
OBS-2-370 ⁶	7/26/2012	WorleyParsons	388.14	85.64	302.50	-1.04	Monitoring
OBS-2-370 ⁶	10/23/2012	WorleyParsons	388.14	85.70	302.44	-1.10	Monitoring
OBS-2-370 ⁶	3/29/2013	WorleyParsons	388.14	85.75	302.39	-1.15	Monitoring
OBS-2-370 ⁶	6/20/2013	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-370 ⁶	8/13/2013	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-370 ⁶	11/12/2013	WorleyParsons	388.14	86.05	302.09	-1.45	Monitoring
OBS-2-370 ⁶	2/26/2014	WorleyParsons	388.14	86.27	301.87	-1.67	Monitoring
OBS-2-400 ⁶	7/9/2009	WorleyParsons	388.14	86.26	301.88	N/A	Monitoring
OBS-2-400 ⁶	11/10/2010	WorleyParsons	388.14	87.34	300.80	0.00	Baseline
OBS-2-400 ⁶	2/8/2011	WorleyParsons	388.14	87.41	300.73	-0.07	Monitoring
OBS-2-400 ⁶	2/8/2011	WorleyParsons	388.14	87.57	300.57	-0.23	Monitoring
OBS-2-400 ⁶	9/25/2011	WorleyParsons	388.14	87.73	300.41	-0.39	Monitoring
OBS-2-400 ⁶	12/14/2011	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-400 ⁶	2/21/2012	WorleyParsons	388.14	87.47	300.67	-0.13	Monitoring
OBS-2-400 ⁶	5/25/2012	WorleyParsons	388.14	88.20	299.94	-0.86	Monitoring
OBS-2-400 ⁶	7/26/2012	WorleyParsons	388.14	87.96	300.18	-0.62	Monitoring
OBS-2-400 ⁶	10/23/2012	WorleyParsons	388.14	87.97	300.17	-0.63	Monitoring
OBS-2-400 ⁶	3/29/2013	WorleyParsons	388.14	88.20	299.94	-0.86	Monitoring
OBS-2-400 ⁶	6/20/2013	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-400 ⁶	8/13/2013	WorleyParsons	388.14	NM ²		N/A	Monitoring
OBS-2-400 ⁶	11/12/2013	WorleyParsons	388.14	88.12	300.02	-0.78	Monitoring
OBS-2-400 ⁶	2/26/2014	WorleyParsons	388.14	88.31	299.83	-0.97	Monitoring
14	6/8/2011	WorleyParsons	388.14	100.98	287.16	0.00	Baseline
14	9/26/2011	WorleyParsons	388.14	100.65	287.49	0.33	Monitoring
14	12/14/2011	WorleyParsons	388.14	100.87	287.27	0.11	Monitoring
14	2/21/2012	WorleyParsons	388.14	100.85	287.29	0.13	Monitoring
14	5/24/2012	WorleyParsons	388.14	100.70	287.44	0.28	Monitoring
14	7/26/2012	WorleyParsons	388.14	100.72	287.42	0.26	Monitoring
14	10/23/2012	WorleyParsons	388.14	100.66	287.48	0.32	Monitoring
14	3/28/2013	WorleyParsons	388.14	100.49	287.65	0.49	Monitoring
14	6/20/2013	WorleyParsons	388.14	100.46	287.68	0.52	Monitoring
14	8/13/2013	WorleyParsons	388.14	100.46	287.68	0.52	Monitoring
14	11/12/2013	WorleyParsons	388.14	NM ⁴		N/A	Monitoring
14	2/26/2014	WorleyParsons	388.14	100.39	287.75	0.59	Monitoring
14	5/20/2014	Northstar	388.14	100.35	287.79	0.63	Monitoring
14	8/8/2014	Northstar	388.14	100.26	287.88	0.72	Monitoring
14	12/4/2014	Northstar	388.14	100.25	287.89	0.73	Monitoring
14	3/26/2015	Northstar	388.14	100.25	287.89	0.73	Monitoring
14	6/11/2015	Northstar	388.14	100.15	287.99	0.83	Monitoring

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
14	12/10/2015	Northstar	388.14	100.12	288.02	0.86	Monitoring
14	6/2/2016	Northstar	388.14	100.08	288.06	0.90	Monitoring
14	11/30/2016	Northstar	388.14	100.10	288.04	0.88	Monitoring
14	6/2/2017	Northstar	388.14	100.13	288.01	0.85	Monitoring
14 ⁸	12/5/2017	Northstar	388.14	128.75		N/A	Monitoring
14	6/1/2018	Northstar	388.14	100.60	287.54	0.38	Monitoring
14	12/4/2018	Northstar	388.14	100.52	287.62	0.46	Monitoring
14	6/13/2019	Northstar	388.14	100.20	287.94	0.78	Monitoring
14	12/5/2019	Northstar	388.14	100.85	287.29	0.13	Monitoring
14	6/4/2020	Northstar	388.14	100.60	287.54	0.38	Monitoring
14	12/3/2020	Northstar	388.14	100.47	287.67	0.51	Monitoring
14	6/3/2021	Northstar	388.14	100.15	287.99	0.83	Monitoring
14	12/3/2021	Northstar	388.14	100.20	287.94	0.78	Monitoring
14	6/2/2022	Northstar	388.14	100.03	288.11	0.95	Monitoring
14	12/1/2022	Northstar	388.14	99.95	288.19	1.03	Monitoring
14	6/8/2023	Northstar	388.14	99.90	288.24	1.08	Monitoring
14	12/7/2023	Northstar	388.14	99.85	288.29	1.13	Monitoring
14	6/6/2024	Northstar	388.14	99.98	288.16	1.00	Monitoring
14	12/5/2024	Northstar	388.14	99.80	288.34	1.18	Monitoring
14	6/3/2025	Northstar	388.14	99.65	288.49	1.33	Monitoring
14	12/4/2025	Northstar	388.14	99.58	288.56	1.40	Monitoring
14	6/11/2026	Northstar	388.14	99.57	288.57	1.41	Monitoring
23a	11/11/2010	WorleyParsons	392.10	138.05	254.05	0.00	Baseline
23a	2/8/2011	WorleyParsons	392.10	137.12	254.98	0.93	Monitoring
23a	6/7/2011	WorleyParsons	392.10	137.58	254.52	0.47	Monitoring
23a	9/26/2011	WorleyParsons	392.10	138.01	254.09	0.04	Monitoring
23a	12/14/2011	WorleyParsons	392.10	138.88	253.22	-0.83	Monitoring
23a	2/22/2012	WorleyParsons	392.10	137.70	254.40	0.35	Monitoring
23a	5/24/2012	WorleyParsons	392.10	137.74	254.36	0.31	Monitoring
23a	7/26/2012	WorleyParsons	392.10	137.76	254.34	0.29	Monitoring
23a	10/23/2012	WorleyParsons	392.10	137.94	254.16	0.11	Monitoring
23a	3/28/2013	WorleyParsons	392.10	137.27	254.83	0.78	Monitoring
23a	6/20/2013	WorleyParsons	392.10	137.77	254.33	0.28	Monitoring
23a	8/13/2013	WorleyParsons	392.10	137.81	254.29	0.24	Monitoring
23a	11/12/2013	WorleyParsons	392.10	138.01	254.09	0.04	Monitoring
23a	2/25/2014	WorleyParsons	392.10	136.90	255.20	1.15	Monitoring
23a	5/20/2014	Northstar	392.10	137.15	254.95	0.90	Monitoring
23a	8/8/2014	Northstar	392.10	137.31	254.79	0.74	Monitoring
23a	12/4/2014	Northstar	392.10	137.18	254.92	0.87	Monitoring
23a	3/26/2015	Northstar	392.10	NM ⁷		N/A	Monitoring
23a	6/11/2015	Northstar	392.10	NM ⁷		N/A	Monitoring
23a	12/10/2015	Northstar	392.10	136.60	255.50	1.45	Monitoring
23a	6/2/2016	Northstar	392.10	136.55	255.55	1.50	Monitoring
23a	11/30/2016	Northstar	392.10	136.75	255.35	1.30	Monitoring
23a	6/1/2017	Northstar	392.10	136.40	255.70	1.65	Monitoring
23a	12/5/2017	Northstar	392.10	136.70	255.40	1.35	Monitoring
23a	6/1/2018	Northstar	392.10	136.60	255.50	1.45	Monitoring
23a	12/4/2018	Northstar	392.10	NM ⁷		N/A	Monitoring
23a	6/14/2019	Northstar	392.10	136.60	255.50	1.45	Monitoring
23a	12/5/2019	Northstar	392.10	136.75	255.35	1.30	Monitoring
23a	6/5/2020	Northstar	392.10	136.40	255.70	1.65	Monitoring
23a	12/3/2020	Northstar	392.10	136.80	255.30	1.25	Monitoring
23a	6/4/2021	Northstar	392.10	136.35	255.75	1.70	Monitoring
23a	12/3/2021	Northstar	392.10	136.68	255.42	1.37	Monitoring
23a	6/2/2022	Northstar	392.10	NM ⁷		N/A	Monitoring
23a	12/1/2022	Northstar	392.10	136.58	255.52	1.47	Monitoring
23a	6/8/2023	Northstar	392.10	136.18	255.92	1.87	Monitoring
23a	12/7/2023	Northstar	392.10	136.35	255.75	1.70	Monitoring
23a	6/6/2024	Northstar	392.10	136.37	255.73	1.68	Monitoring
23a	12/5/2024	Northstar	392.10	135.02	257.08	3.03	Monitoring
23a	6/3/2025	Northstar	392.10	134.55	257.55	3.50	Monitoring
23a	12/4/2025	Northstar	392.10	134.63	257.47	3.42	Monitoring
23a	6/11/2026	Northstar	392.10	134.57	257.53	3.48	Monitoring
24-1	2/8/2011	WorleyParsons	389.40	123.66	265.74	N/A	Monitoring
24-1	6/8/2011	WorleyParsons	389.40	126.71	262.69	0.00	Baseline
24-1	9/26/2011	WorleyParsons	389.40	127.15	262.25	-0.44	Monitoring
24-1	12/13/2011	WorleyParsons	389.40	126.98	262.42	-0.27	Monitoring
24-1	2/22/2012	WorleyParsons	389.40	127.20	262.20	-0.49	Monitoring
24-1	5/23/2012	WorleyParsons	389.40	127.14	262.26	-0.43	Monitoring
24-1	7/26/2012	WorleyParsons	389.40	127.31	262.09	-0.60	Monitoring
24-1	10/23/2012	WorleyParsons	389.40	127.21	262.19	-0.50	Monitoring

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
24-1	3/28/2013	WorleyParsons	389.40	126.73	262.67	-0.02	Monitoring
24-1	6/19/2013	WorleyParsons	389.40	127.95	261.45	-1.24	Monitoring
24-1	8/14/2013	WorleyParsons	389.40	127.18	262.22	-0.47	Monitoring
24-1	11/13/2013	WorleyParsons	389.40	127.31	262.09	-0.60	Monitoring
24-1	2/25/2014	WorleyParsons	389.40	125.70	263.70	1.01	Monitoring
24-1	5/22/2014	Northstar	389.40	126.84	262.56	-0.13	Monitoring
24-1	8/8/2014	Northstar	389.40	126.91	262.49	-0.20	Monitoring
24-1	12/5/2014	Northstar	389.40	126.91	262.49	-0.20	Monitoring
24-1	3/26/2015	Northstar	389.40	127.10	262.30	-0.39	Monitoring
24-1	6/11/2015	Northstar	389.40	127.02	262.38	-0.31	Monitoring
24-1	12/11/2015	Northstar	389.40	126.80	262.60	-0.09	Monitoring
24-1	6/3/2016	Northstar	389.40	126.79	262.61	-0.08	Monitoring
24-1	11/30/2016	Northstar	389.40	126.93	262.47	-0.22	Monitoring
24-1	6/2/2017	Northstar	389.40	126.88	262.52	-0.17	Monitoring
24-1	12/5/2017	Northstar	389.40	126.95	262.45	-0.24	Monitoring
24-1	6/1/2018	Northstar	389.40	126.91	262.49	-0.20	Monitoring
24-1	12/4/2018	Northstar	389.40	127.36	262.04	-0.65	Monitoring
24-1	6/13/2019	Northstar	389.40	127.27	262.13	-0.56	Monitoring
24-1	12/5/2019	Northstar	389.40	127.10	262.30	-0.39	Monitoring
24-1	6/4/2020	Northstar	389.40	126.90	262.50	-0.19	Monitoring
24-1	12/3/2020	Northstar	389.40	127.30	262.10	-0.59	Monitoring
24-1	6/3/2021	Northstar	389.40	126.98	262.42	-0.27	Monitoring
24-1	12/3/2021	Northstar	389.40	127.31	262.09	-0.60	Monitoring
24-1	6/2/2022	Northstar	389.40	127.11	262.29	-0.40	Monitoring
24-1	12/1/2022	Northstar	389.40	126.98	262.42	-0.27	Monitoring
24-1	6/8/2023	Northstar	389.40	127.13	262.27	-0.42	Monitoring
24-1	12/7/2023	Northstar	389.40	127.00	262.40	-0.29	Monitoring
24-1	6/6/2024	Northstar	389.40	127.15	262.25	-0.44	Monitoring
24-1	12/5/2024	Northstar	389.40	126.95	262.45	-0.24	Monitoring
24-1	6/3/2025	Northstar	389.40	126.80	262.60	-0.09	Monitoring
24-1	12/4/2025	Northstar	389.40	126.42	262.98	0.29	Monitoring
24-1	6/11/2026	Northstar	389.40	126.40	263.00	0.31	Monitoring
24-2	2/8/2011	WorleyParsons	388.86	124.91	263.95	0.00	Baseline
24-2	10/23/2011	WorleyParsons	388.86	125.69	263.17	-0.78	Monitoring
24-2	6/19/2013	WorleyParsons	388.86	125.40	263.46	-0.49	Monitoring
24-2	8/14/2013	WorleyParsons	388.86	126.60	262.26	-1.69	Monitoring
24-2	5/22/2014	Northstar	388.86	125.82	263.04	-0.91	Monitoring
24-2	8/8/2014	Northstar	388.86	125.33	263.53	-0.42	Monitoring
24-2	12/5/2014	Northstar	388.86	125.95	262.91	-1.04	Monitoring
24-2	3/26/2015	Northstar	388.86	125.20	263.66	-0.29	Monitoring
24-2	6/11/2015	Northstar	388.86	125.15	263.71	-0.24	Monitoring
24-2	12/11/2015	Northstar	388.86	124.90	263.96	0.01	Monitoring
24-2	6/3/2016	Northstar	388.86	124.90	263.96	0.01	Monitoring
24-2	11/30/2016	Northstar	388.86	125.08	263.78	-0.17	Monitoring
24-2	6/2/2017	Northstar	388.86	125.00	263.86	-0.09	Monitoring
24-2	12/5/2017	Northstar	388.86	125.05	263.81	-0.14	Monitoring
24-2	6/1/2018	Northstar	388.86	125.00	263.86	-0.09	Monitoring
24-2	12/4/2018	Northstar	388.86	125.45	263.41	-0.54	Monitoring
24-2	6/13/2019	Northstar	388.86	125.35	263.51	-0.44	Monitoring
24-2	12/5/2019	Northstar	388.86	125.10	263.76	-0.19	Monitoring
24-2	6/4/2020	Northstar	388.86	124.89	263.97	0.02	Monitoring
24-2	12/3/2020	Northstar	388.86	125.30	263.56	-0.39	Monitoring
24-2	6/3/2021	Northstar	388.86	124.97	263.89	-0.06	Monitoring
24-2	12/3/2021	Northstar	388.86	125.25	263.61	-0.34	Monitoring
24-2	6/2/2022	Northstar	388.86	125.02	263.84	-0.11	Monitoring
24-2	12/1/2022	Northstar	388.86	124.90	263.96	0.01	Monitoring
24-2	6/8/2023	Northstar	388.86	125.03	263.83	-0.12	Monitoring
24-2	12/7/2023	Northstar	388.86	124.97	263.89	-0.06	Monitoring
24-2	6/6/2024	Northstar	388.86	125.10	263.76	-0.19	Monitoring
24-2	12/5/2024	Northstar	388.86	124.98	263.88	-0.07	Monitoring
24-2	6/3/2025	Northstar	388.86	124.83	264.03	0.08	Monitoring
24-2	12/4/2025	Northstar	388.86	124.10	264.76	0.81	Monitoring
24-2	6/11/2026	Northstar	388.86	124.08	264.78	0.83	Monitoring
24-3	2/8/2011	WorleyParsons	392.04	126.45	265.59	N/A	Monitoring
24-3	10/23/2011	WorleyParsons	392.04	124.48	267.56	0.00	Baseline
24-3	6/19/2013	WorleyParsons	392.04	124.15	267.89	0.33	Monitoring
24-3	8/14/2013	WorleyParsons	392.04	124.44	267.60	0.04	Monitoring
24-3	5/22/2014	Northstar	392.04	124.00	268.04	0.48	Monitoring
24-3	8/8/2014	Northstar	392.04	124.07	267.97	0.41	Monitoring
24-3	12/5/2014	Northstar	392.04	124.05	267.99	0.43	Monitoring
24-3	3/26/2015	Northstar	392.04	123.90	268.14	0.58	Monitoring

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
24-3	6/11/2015	Northstar	392.04	123.85	268.19	0.63	Monitoring
24-3	12/11/2015	Northstar	392.04	123.55	268.49	0.93	Monitoring
24-3	6/3/2016	Northstar	392.04	123.48	268.56	1.00	Monitoring
24-3	11/30/2016	Northstar	392.04	123.65	268.39	0.83	Monitoring
24-3	6/2/2017	Northstar	392.04	123.55	268.49	0.93	Monitoring
24-3	12/5/2017	Northstar	392.04	123.65	268.39	0.83	Monitoring
24-3	6/1/2018	Northstar	392.04	123.57	268.47	0.91	Monitoring
24-3	12/4/2018	Northstar	392.04	124.08	267.96	0.40	Monitoring
24-3	6/13/2019	Northstar	392.04	123.95	268.09	0.53	Monitoring
24-3	12/5/2019	Northstar	392.04	123.71	268.33	0.77	Monitoring
24-3	6/4/2020	Northstar	392.04	123.43	268.61	1.05	Monitoring
24-3	12/3/2020	Northstar	392.04	123.81	268.23	0.67	Monitoring
24-3	6/3/2021	Northstar	392.04	123.50	268.54	0.98	Monitoring
24-3	12/3/2021	Northstar	392.04	123.72	268.32	0.76	Monitoring
24-3	6/2/2022	Northstar	392.04	123.50	268.54	0.98	Monitoring
24-3	12/1/2022	Northstar	392.04	123.35	268.69	1.13	Monitoring
24-3	6/8/2023	Northstar	392.04	123.50	268.54	0.98	Monitoring
24-3	12/7/2023	Northstar	392.04	123.40	268.64	1.08	Monitoring
24-3	6/6/2024	Northstar	392.04	123.56	268.48	0.92	Monitoring
24-3	12/5/2024	Northstar	392.04	123.20	268.84	1.28	Monitoring
24-3	6/3/2025	Northstar	392.04	123.06	268.98	1.42	Monitoring
24-3	12/4/2025	Northstar	392.04	122.65	269.39	1.83	Monitoring
24-3	6/11/2026	Northstar	392.04	122.65	269.39	1.83	Monitoring
PW-0	12/14/2011	WorleyParsons	385.64	NM ³		N/A	Production/Monitoring
PW-0	2/23/2012	WorleyParsons	385.64	NM ³		N/A	Production/Monitoring
PW-0	5/23/2012	WorleyParsons	385.64	NM ³		N/A	Production/Monitoring
PW-0	7/26/2012	WorleyParsons	385.64	NM ³		N/A	Production/Monitoring
PW-0	10/23/2012	WorleyParsons	385.64	Pumping		N/A	Production/Monitoring
PW-0	3/28/2013	WorleyParsons	385.64	67.71	317.93	N/A	Production/Monitoring
PW-0	6/19/2013	WorleyParsons	385.64	Pumping		N/A	Production/Monitoring
PW-0	8/13/2013	WorleyParsons	385.64	100.49	285.15	N/A	Production/Monitoring
PW-0	11/13/2013	WorleyParsons	385.64	118.10	267.54	N/A	Production/Monitoring
PW-0	2/26/2014	WorleyParsons	385.64	98.46	287.18	N/A	Production/Monitoring
PW-0	5/20/2014	Northstar	385.64	99.60	286.04	N/A	Production/Monitoring
PW-0	8/8/2014	Northstar	385.64	99.06	286.58	N/A	Production/Monitoring
PW-0	12/4/2014	Northstar	385.64	99.65	285.99	N/A	Production/Monitoring
PW-0	3/26/2015	Northstar	385.64	99.62	286.02	N/A	Production/Monitoring
PW-0	6/11/2015	Northstar	385.64	98.00	287.64	N/A	Production/Monitoring
PW-0	12/10/2015	Northstar	385.64	99.55	286.09	N/A	Production/Monitoring
PW-0	6/3/2016	Northstar	385.64	99.78	285.86	N/A	Production/Monitoring
PW-0	11/30/2016	Northstar	385.64	99.50	286.14	N/A	Production/Monitoring
PW-0	6/1/2017	Northstar	385.64	99.32	286.32	N/A	Production/Monitoring
PW-0	12/5/2017	Northstar	385.64	98.00	287.64	N/A	Production/Monitoring
PW-0	5/30/2018	Northstar	385.64	99.27	286.37	N/A	Production/Monitoring
PW-0	12/4/2018	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	6/13/2019	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	12/5/2019	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	6/4/2020	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	12/3/2020	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	6/4/2021	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	12/2/2021	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	6/2/2022	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	12/1/2022	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	6/8/2023	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	12/7/2023	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	6/6/2024	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	12/5/2024	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	6/3/2025	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	12/4/2025	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-0	6/11/2026	Northstar	385.64	NM ⁹		N/A	Production/Monitoring
PW-1	12/14/2011	WorleyParsons	384.43	Pumping		N/A	Production/Monitoring
PW-1	2/23/2012	WorleyParsons	384.43	100.84	283.59	N/A	Production/Monitoring
PW-1	5/23/2012	WorleyParsons	384.43	Pumping		N/A	Production/Monitoring
PW-1	7/26/2012	WorleyParsons	384.43	101.09		N/A	Production/Monitoring
PW-1	10/23/2012	WorleyParsons	384.43	100.89	283.54	N/A	Production/Monitoring
PW-1	3/28/2013	WorleyParsons	384.43	100.60	283.83	N/A	Production/Monitoring
PW-1	6/19/2013	WorleyParsons	384.43	Pumping		N/A	Production/Monitoring
PW-1	8/13/2013	WorleyParsons	384.43	109.35	275.08	N/A	Production/Monitoring

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
PW-1	11/13/2013	WorleyParsons	384.43	99.89	284.54	N/A	Production/Monitoring
PW-1	2/26/2014	WorleyParsons	384.43	98.49	285.94	N/A	Production/Monitoring
PW-1	5/20/2014	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	8/8/2014	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	12/4/2014	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	3/26/2015	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	6/11/2015	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	12/10/2015	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	6/2/2016	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	11/30/2016	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	6/1/2017	Northstar	384.43	98.20	286.23	N/A	Production/Monitoring
PW-1	12/5/2017	Northstar	384.43	98.30	286.13	N/A	Production/Monitoring
PW-1	5/30/2018	Northstar	384.43	98.24	286.19	N/A	Production/Monitoring
PW-1	12/4/2018	Northstar	384.43	98.78	285.65	N/A	Production/Monitoring
PW-1	6/13/2019	Northstar	384.43	98.55	285.88	N/A	Production/Monitoring
PW-1	12/5/2019	Northstar	384.43	98.12	286.31	N/A	Production/Monitoring
PW-1	6/4/2020	Northstar	384.43	98.25	286.18	N/A	Production/Monitoring
PW-1	12/3/2020	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	6/4/2021	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	12/2/2021	Northstar	384.43	NM ⁵		N/A	Production/Monitoring
PW-1	6/2/2022	Northstar	384.43	98.85	285.58	N/A	Production/Monitoring
PW-1	12/1/2022	Northstar	384.43	98.70	285.73	N/A	Production/Monitoring
PW-1	6/8/2023	Northstar	384.43	98.85	285.58	N/A	Production/Monitoring
PW-1	12/7/2023	Northstar	384.43	98.60	285.83	N/A	Production/Monitoring
PW-1	6/6/2024	Northstar	384.43	98.75	285.68	N/A	Production/Monitoring
PW-1	12/5/2024	Northstar	384.43	98.28	286.15	N/A	Production/Monitoring
PW-1	6/3/2025	Northstar	384.43	97.79	286.64	N/A	Production/Monitoring
PW-1	12/4/2025	Northstar	384.43	97.71	286.72	N/A	Production/Monitoring
PW-1	6/11/2026	Northstar	384.43	97.70	286.73	N/A	Production/Monitoring
PW-2	12/14/2011	WorleyParsons	385.15	Pumping		N/A	Production/Monitoring
PW-2	2/23/2012	WorleyParsons	385.15	Pumping		N/A	Production/Monitoring
PW-2	5/23/2012	WorleyParsons	385.15	Pumping		N/A	Production/Monitoring
PW-2	7/26/2012	WorleyParsons	385.15	101.30	283.85	N/A	Production/Monitoring
PW-2	10/23/2012	WorleyParsons	385.15	Pumping		N/A	Production/Monitoring
PW-2	3/28/2013	WorleyParsons	385.15	Pumping		N/A	Production/Monitoring
PW-2	6/19/2013	WorleyParsons	385.15	Pumping		N/A	Production/Monitoring
PW-2	8/13/2013	WorleyParsons	385.15	101.75	283.40	N/A	Production/Monitoring
PW-2	11/12/2013	WorleyParsons	385.15	102.69	282.46	N/A	Production/Monitoring
PW-2	2/26/2014	WorleyParsons	385.15	100.52	284.63	N/A	Production/Monitoring
PW-2	5/20/2014	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	8/8/2014	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	12/4/2014	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	3/26/2015	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	6/11/2015	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	12/10/2015	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	6/2/2016	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	11/30/2016	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	6/1/2017	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	12/5/2017	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	5/30/2018	Northstar	385.15	105.69	279.46	N/A	Production/Monitoring
PW-2	12/4/2018	Northstar	385.15	NM ⁹		N/A	Production/Monitoring
PW-2	6/13/2019	Northstar	385.15	NM ⁹		N/A	Production/Monitoring
PW-2	12/5/2019	Northstar	385.15	NM ⁹		N/A	Production/Monitoring
PW-2	6/4/2020	Northstar	385.15	NM ⁹		N/A	Production/Monitoring
PW-2	12/3/2020	Northstar	385.15	NM ⁹		N/A	Production/Monitoring
PW-2	6/4/2021	Northstar	385.15	NM ⁹		N/A	Production/Monitoring
PW-2	12/2/2021	Northstar	385.15	NM ⁹		N/A	Production/Monitoring
PW-2	6/2/2022	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	12/1/2022	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	6/8/2023	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	12/7/2023	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	6/6/2024	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	12/5/2024	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	6/3/2025	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	12/4/2025	Northstar	385.15	Pumping		N/A	Production/Monitoring
PW-2	6/11/2026	Northstar	385.15	Pumping		N/A	Production/Monitoring
DM-1	2/27/2012	WorleyParsons	391.49	106.63	284.86	N/A	Monitoring
DM-1	5/24/2012	WorleyParsons	391.49	107.11	284.38	0.00	Baseline
DM-1	7/26/2012	WorleyParsons	391.49	107.10	284.39	0.01	Monitoring

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
DM-1	11/14/2012	WorleyParsons	391.49	108.15	283.34	-1.04	Monitoring
DM-1	3/29/2013	WorleyParsons	391.49	107.34	284.15	-0.23	Monitoring
DM-1	6/19/2013	WorleyParsons	391.49	107.19	284.30	-0.08	Monitoring
DM-1	8/13/2013	WorleyParsons	391.49	107.07	284.42	0.04	Monitoring
DM-1	11/12/2013	WorleyParsons	391.49	107.22	284.27	-0.11	Monitoring
DM-1	2/26/2014	WorleyParsons	391.49	107.13	284.36	-0.02	Monitoring
DM-1	5/22/2014	Northstar	391.49	107.05	284.44	0.06	Monitoring
DM-1	8/8/2014	Northstar	391.49	107.11	284.38	0.00	Monitoring
DM-1	12/4/2014	Northstar	391.49	107.03	284.46	0.08	Monitoring
DM-1	3/26/2015	Northstar	391.49	107.22	284.27	-0.11	Monitoring
DM-1	6/11/2015	Northstar	391.49	107.01	284.48	0.10	Monitoring
DM-1	12/10/2015	Northstar	391.49	106.98	284.51	0.13	Monitoring
DM-1	6/2/2016	Northstar	391.49	107.18	284.31	-0.07	Monitoring
DM-1	11/30/2016	Northstar	391.49	107.27	284.22	-0.16	Monitoring
DM-1	6/1/2017	Northstar	391.49	107.12	284.37	-0.01	Monitoring
DM-1	12/5/2017	Northstar	391.49	107.38	284.11	-0.27	Monitoring
DM-1	5/30/2018	Northstar	391.49	107.10	284.39	0.01	Monitoring
DM-1	12/4/2018	Northstar	391.49	107.45	284.04	-0.34	Monitoring
DM-1	6/14/2019	Northstar	391.49	107.18	284.31	-0.07	Monitoring
DM-1	12/5/2019	Northstar	391.49	107.42	284.07	-0.31	Monitoring
DM-1	6/4/2020	Northstar	391.49	107.10	284.39	0.01	Monitoring
DM-1	12/3/2020	Northstar	391.49	107.70	283.79	-0.59	Monitoring
DM-1	6/3/2021	Northstar	391.49	107.06	284.43	0.05	Monitoring
DM-1	12/2/2021	Northstar	391.49	107.35	284.14	-0.24	Monitoring
DM-1	6/2/2022	Northstar	391.49	107.25	284.24	-0.14	Monitoring
DM-1	12/1/2022	Northstar	391.49	107.40	284.09	-0.29	Monitoring
DM-1	6/8/2023	Northstar	391.49	107.49	284.00	-0.38	Monitoring
DM-1	12/7/2023	Northstar	391.49	107.41	284.08	-0.30	Monitoring
DM-1	6/6/2024	Northstar	391.49	107.44	284.05	-0.33	Monitoring
DM-1	12/5/2024	Northstar	391.49	107.60	283.89	-0.49	Monitoring
DM-1	6/3/2025	Northstar	391.49	107.48	284.01	-0.37	Monitoring
DM-1	12/4/2025	Northstar	391.49	107.75	283.74	-0.64	Monitoring
DM-1	6/11/2026	Northstar	391.49	107.65	283.84	-0.54	Monitoring
DM-2	2/27/2012	WorleyParsons	391.32	106.92	284.40	N/A	Monitoring
DM-2	5/24/2012	WorleyParsons	391.32	107.37	283.95	0.00	Baseline
DM-2	7/26/2012	WorleyParsons	391.32	107.33	283.99	0.04	Monitoring
DM-2	11/14/2012	WorleyParsons	391.32	108.33	282.99	-0.96	Monitoring
DM-2	3/29/2013	WorleyParsons	391.32	107.59	283.73	-0.22	Monitoring
DM-2	6/19/2013	WorleyParsons	391.32	107.41	283.91	-0.04	Monitoring
DM-2	8/13/2013	WorleyParsons	391.32	107.31	284.01	0.06	Monitoring
DM-2	11/12/2013	WorleyParsons	391.32	107.63	283.69	-0.26	Monitoring
DM-2	2/26/2014	WorleyParsons	391.32	107.40	283.92	-0.03	Monitoring
DM-2	5/22/2014	Northstar	391.32	107.28	284.04	0.09	Monitoring
DM-2	8/8/2014	Northstar	391.32	107.28	284.04	0.09	Monitoring
DM-2	12/4/2014	Northstar	391.32	107.43	283.89	-0.06	Monitoring
DM-2	3/26/2015	Northstar	391.32	107.61	283.71	-0.24	Monitoring
DM-2	6/11/2015	Northstar	391.32	107.40	283.92	-0.03	Monitoring
DM-2	12/10/2015	Northstar	391.32	107.30	284.02	0.07	Monitoring
DM-2	6/2/2016	Northstar	391.32	107.38	283.94	-0.01	Monitoring
DM-2	11/30/2016	Northstar	391.32	107.52	283.80	-0.15	Monitoring
DM-2	6/1/2017	Northstar	391.32	107.47	283.85	-0.10	Monitoring
DM-2	12/5/2017	Northstar	391.32	107.78	283.54	-0.41	Monitoring
DM-2	5/30/2018	Northstar	391.32	107.45	283.87	-0.08	Monitoring
DM-2	12/4/2018	Northstar	391.32	107.80	283.52	-0.43	Monitoring
DM-2	6/14/2019	Northstar	391.32	107.55	283.77	-0.18	Monitoring
DM-2	12/5/2019	Northstar	391.32	107.72	283.60	-0.35	Monitoring
DM-2	6/4/2020	Northstar	391.32	107.45	283.87	-0.08	Monitoring
DM-2	12/3/2020	Northstar	391.32	108.03	283.29	-0.66	Monitoring
DM-2	6/3/2021	Northstar	391.32	107.64	283.68	-0.27	Monitoring
DM-2	12/2/2021	Northstar	391.32	107.71	283.61	-0.34	Monitoring
DM-2	6/2/2022	Northstar	391.32	107.65	283.67	-0.28	Monitoring
DM-2	12/1/2022	Northstar	391.32	107.72	283.60	-0.35	Monitoring
DM-2	6/8/2023	Northstar	391.32	107.82	283.50	-0.45	Monitoring
DM-2	12/7/2023	Northstar	391.32	107.74	283.58	-0.37	Monitoring
DM-2	6/6/2024	Northstar	391.32	107.79	283.53	-0.42	Monitoring
DM-2	12/5/2024	Northstar	391.32	107.80	283.52	-0.43	Monitoring
DM-2	6/3/2025	Northstar	391.32	107.80	283.52	-0.43	Monitoring
DM-2	12/4/2025	Northstar	391.32	107.90	283.42	-0.53	Monitoring
DM-2	6/11/2026	Northstar	391.32	107.80	283.52	-0.43	Monitoring
DM-3	2/27/2012	WorleyParsons	388.34	103.85	284.49	N/A	Monitoring
DM-3	5/24/2012	WorleyParsons	388.34	104.35	283.99	0.00	Baseline

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
DM-3	7/26/2012	WorleyParsons	388.34	104.28	284.06	0.07	Monitoring
DM-3	11/14/2012	WorleyParsons	388.34	105.25	283.09	-0.90	Monitoring
DM-3	3/29/2013	WorleyParsons	388.34	104.35	283.99	0.00	Monitoring
DM-3	6/19/2013	WorleyParsons	388.34	104.20	284.14	0.15	Monitoring
DM-3	8/13/2013	WorleyParsons	388.34	104.31	284.03	0.04	Monitoring
DM-3	11/12/2013	WorleyParsons	388.34	104.43	283.91	-0.08	Monitoring
DM-3	2/26/2014	WorleyParsons	388.34	104.31	284.03	0.04	Monitoring
DM-3	5/22/2014	Northstar	388.34	104.20	284.14	0.15	Monitoring
DM-3	8/8/2014	Northstar	388.34	104.21	284.13	0.14	Monitoring
DM-3	12/4/2014	Northstar	388.34	104.39	283.95	-0.04	Monitoring
DM-3	3/26/2015	Northstar	388.34	104.59	283.75	-0.24	Monitoring
DM-3	6/12/2015	Northstar	388.34	104.18	284.16	0.17	Monitoring
DM-3	12/11/2015	Northstar	388.34	103.96	284.38	0.39	Monitoring
DM-3	6/3/2016	Northstar	388.34	104.38	283.96	-0.03	Monitoring
DM-3	12/2/2016	Northstar	388.34	104.28	284.06	0.07	Monitoring
DM-3	6/1/2017	Northstar	388.34	104.25	284.09	0.10	Monitoring
DM-3	12/5/2017	Northstar	388.34	104.62	283.72	-0.27	Monitoring
DM-3	5/30/2018	Northstar	388.34	104.27	284.07	0.08	Monitoring
DM-3	12/4/2018	Northstar	388.34	104.68	283.66	-0.33	Monitoring
DM-3	6/14/2019	Northstar	388.34	104.38	283.96	-0.03	Monitoring
DM-3	12/6/2019	Northstar	388.34	104.66	283.68	-0.31	Monitoring
DM-3	6/5/2020	Northstar	388.34	104.32	284.02	0.03	Monitoring
DM-3	12/3/2020	Northstar	388.34	104.80	283.54	-0.45	Monitoring
DM-3	6/3/2021	Northstar	388.34	104.29	284.05	0.06	Monitoring
DM-3	12/2/2021	Northstar	388.34	104.50	283.84	-0.15	Monitoring
DM-3	6/2/2022	Northstar	388.34	104.50	283.84	-0.15	Monitoring
DM-3	12/1/2022	Northstar	388.34	104.50	283.84	-0.15	Monitoring
DM-3	6/8/2023	Northstar	388.34	104.68	283.66	-0.33	Monitoring
DM-3	12/7/2023	Northstar	388.34	104.52	283.82	-0.17	Monitoring
DM-3	6/6/2024	Northstar	388.34	104.56	283.78	-0.21	Monitoring
DM-3	12/5/2024	Northstar	388.34	104.70	283.64	-0.35	Monitoring
DM-3	6/3/2025	Northstar	388.34	104.65	283.69	-0.30	Monitoring
DM-3	12/4/2025	Northstar	388.34	104.88	283.46	-0.53	Monitoring
DM-3	6/11/2026	Northstar	388.34	104.78	283.56	-0.43	Monitoring
ADDITIONAL WELLS IN THE CHUCKWALLA VALLEY GROUNDWATER BASIN WITHIN 10 MILES OF THE SITE FOR WHICH GROUNDWATER LEVEL DATA IS AVAILABLE							
2	5/19/1961	DWR, 1963	424	140.00	284.00	N/A	Irrigation
3	2/26/1982	DWRWell Records	498	180.00	318.00	N/A	Irrigation
4	7/24/1961	DWR, 1963	354	60.05	293.95	N/A	Unused
9	9/16/1990	USGS-NWIS	354	81.36	272.64	N/A	Unknown
9	9/24/1990	USGS-NWIS	354	81.56	272.44	N/A	Unknown
9	2/13/1992	USGS-NWIS	354	81.20	272.80	N/A	Unknown
15	2/17/1992	USGS-NWIS	390.2	104.36	285.84	N/A	Unknown
15	3/15/2000	USGS-NWIS	390.2	97.36	292.84	N/A	Unknown
15	9/23/2009	WorleyParsons	390.2	97.00	293.20	N/A	Unknown
16	2/17/1992	USGS-NWIS	390	110.39	279.61	N/A	Unknown
16	9/23/2009	WorleyParsons	390	103.00	287.00	N/A	Unknown
22	2/4/2002	USGS-NWIS	387.6	125.29	262.31	N/A	Unknown
23	9/26/1990	USGS-NWIS	392.1	134.10	258.00	N/A	Unknown
23	2/10/1992	USGS-NWIS	392.1	134.80	257.30	N/A	Unknown
26	12/26/1982	USGS-NWIS	562.6	300.00	262.60	N/A	Irrigation
26	2/13/1992	USGS-NWIS	562.6	270.28	292.32	N/A	Irrigation
26	3/15/2000	USGS-NWIS	562.6	269.85	292.75	N/A	Irrigation
26	9/23/2009	WorleyParsons	562.6	282.00	280.60	N/A	Irrigation
27	6/19/1961	DWR, 1963	555	258.83	296.17	N/A	Unused
28	6/19/1961	DWR, 1963	520	21.65	498.35	N/A	Unused
29	1/16/1983	USGS-NWIS	545.9	270.00	275.90	N/A	Irrigation
29	2/13/1992	USGS-NWIS	545.9	257.61	288.29	N/A	Irrigation
29	3/15/2000	USGS-NWIS	545.9	257.22	288.68	N/A	Irrigation
29	9/23/2009	WorleyParsons	545.9	250.00	295.90	N/A	Irrigation
29	4/28/2011	USGS-NWIS	545.9	257.83	288.07	N/A	Irrigation
31	9/16/1990	USGS-NWIS	423.9	144.25	279.65	N/A	Unused
31	3/29/2000	USGS-NWIS	423.9	144.41	279.49	N/A	Unused
32	6/12/1961	USGS-NWIS	418	151.83	266.17	N/A	Unused
32	10/10/1961	USGS-NWIS	418	151.09	266.91	N/A	Unused
32	11/8/1961	USGS-NWIS	418	151.03	266.97	N/A	Unused
32	1/10/1962	USGS-NWIS	418	151.04	266.96	N/A	Unused
32	3/8/1962	USGS-NWIS	418	150.89	267.11	N/A	Unused
32	4/9/1962	USGS-NWIS	418	150.73	267.27	N/A	Unused
32	5/7/1962	USGS-NWIS	418	150.83	267.17	N/A	Unused
32	10/31/1962	USGS-NWIS	418	150.90	267.10	N/A	Unused
32	3/13/1963	USGS-NWIS	418	150.84	267.16	N/A	Unused
32	10/31/1963	USGS-NWIS	418	150.91	267.09	N/A	Unused

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
32	3/19/1964	USGS-NWIS	418	150.77	267.23	N/A	Unused
32	11/25/1964	USGS-NWIS	418	151.13	266.87	N/A	Unused
32	3/18/1965	USGS-NWIS	418	151.21	266.79	N/A	Unused
32	11/18/1965	USGS-NWIS	418	151.40	266.60	N/A	Unused
32	3/2/1966	USGS-NWIS	418	150.66	267.34	N/A	Unused
32	10/27/1966	USGS-NWIS	418	150.89	267.11	N/A	Unused
32	3/16/1967	USGS-NWIS	418	150.92	267.08	N/A	Unused
32	10/25/1967	USGS-NWIS	418	150.86	267.14	N/A	Unused
32	10/23/1969	USGS-NWIS	418	150.89	267.11	N/A	Unused
32	4/30/1970	USGS-NWIS	418	150.95	267.05	N/A	Unused
33	1987	USGS-NWIS	457.5	202.25	255.25	N/A	Unknown
33	9/17/1990	USGS-NWIS	457.5	205.62	251.88	N/A	Unknown
33	2/10/1992	USGS-NWIS	457.5	206.70	250.80	N/A	Unknown
33	2/11/1992	USGS-NWIS	457.5	206.27	251.23	N/A	Unknown
34	10/8/1992	USGS-NWIS	458.3	213.00	245.30	N/A	Public Water Supply
35	12/1987	USGS-NWIS	456.5	205.00	251.50	N/A	Unknown
35	2/10/1992	USGS-NWIS	456.5	200.50	256.00	N/A	Unknown
35	2/11/1992	USGS-NWIS	456.5	199.07	257.43	N/A	Unknown
35	2/11/1992	USGS-NWIS	456.5	199.60	256.90	N/A	Unknown
36	12/1987	USGS-NWIS	443.5	203.00	240.50	N/A	Public Water Supply
36	9/17/1990	USGS-NWIS	443.5	189.05	254.45	N/A	Public Water Supply
36	2/10/1992	USGS-NWIS	443.5	187.70	255.80	N/A	Public Water Supply
36	2/10/1992	USGS-NWIS	443.5	186.20	257.30	N/A	Public Water Supply
36	3/16/2000	USGS-NWIS	443.5	199.24	244.26	N/A	Public Water Supply
37	7/1/1981	Kennedy/Jenks/Chilton	433.09	163.00	270.09	N/A	Irrigation (abandoned)
37	2/11/1992	USGS-NWIS	433.09	174.47	258.62	N/A	Irrigation (abandoned)
39	4/5/1961	USGS-NWIS	442.9	168.37	274.53	N/A	Irrigation
39	4/30/1970	USGS-NWIS	442.9	171.81	271.09	N/A	Irrigation
39	7/31/1979	USGS-NWIS	442.9	173.48	269.42	N/A	Irrigation
39	7/24/1980	USGS-NWIS	442.9	169.06	273.84	N/A	Irrigation
39	1/23/1981	USGS-NWIS	442.9	169.22	273.68	N/A	Irrigation
39	9/23/1981	USGS-NWIS	442.9	169.23	273.67	N/A	Irrigation
39	3/3/1982	USGS-NWIS	442.9	170.26	272.64	N/A	Irrigation
39	1/28/1983	USGS-NWIS	442.9	170.54	272.36	N/A	Irrigation
39	7/31/1984	USGS-NWIS	442.9	170.65	272.25	N/A	Irrigation
39	2/27/1985	USGS-NWIS	442.9	171.10	271.80	N/A	Irrigation
39	6/12/1985	USGS-NWIS	442.9	172.90	270.00	N/A	Irrigation
39	2/9/1992	USGS-NWIS	442.9	183.46	259.44	N/A	Irrigation
40	10/30/1992	USGS-NWIS	449.4	193.00	256.40	N/A	Public Water Supply
41	10/19/1992	USGS-NWIS	453.6	202.00	251.60	N/A	Public Water Supply
42	1/1/1982	Kennedy/Jenks/Chilton	470	197.00	273.00	N/A	Irrigation
43	3/15/1982	USGS-NWIS	505.6	248.00	257.60	N/A	Irrigation
43	2/13/1992	USGS-NWIS	505.6	232.35	273.25	N/A	Irrigation
43	3/29/2000	USGS-NWIS	505.6	234.50	271.10	N/A	Baseline
43	10/5/2000	USGS-NWIS	505.6	234.84	270.76	N/A	Irrigation
43	1/10/2001	USGS-NWIS	505.6	234.89	270.71	N/A	Irrigation
43	2/23/2001	USGS-NWIS	505.6	234.45	271.15	N/A	Irrigation
43	4/16/2001	USGS-NWIS	505.6	234.82	270.78	N/A	Irrigation
43	4/16/2001	USGS-NWIS	505.6	234.82	270.78	N/A	Irrigation
43	7/10/2001	USGS-NWIS	505.6	235.40	270.20	N/A	Irrigation
43	11/7/2001	USGS-NWIS	505.6	235.66	269.94	N/A	Irrigation
43	11/7/2001	USGS-NWIS	505.6	235.69	269.91	N/A	Irrigation
43	4/3/2002	USGS-NWIS	505.6	234.69	270.91	N/A	Irrigation
43	4/3/2002	USGS-NWIS	505.6	234.69	270.91	N/A	Irrigation
43	10/2/2002	USGS-NWIS	505.6	236.04	269.56	N/A	Irrigation
43	10/2/2002	USGS-NWIS	505.6	236.16	269.44	N/A	Irrigation
43	6/3/2003	USGS-NWIS	505.6	235.59	270.01	N/A	Irrigation
43	6/3/2003	USGS-NWIS	505.6	235.61	269.99	N/A	Irrigation
43	11/5/2003	USGS-NWIS	505.6	236.46	269.14	N/A	Irrigation
43	11/5/2003	USGS-NWIS	505.6	236.45	269.15	N/A	Irrigation
43	3/2/2004	USGS-NWIS	505.6	235.65	269.95	N/A	Irrigation
43	3/2/2004	USGS-NWIS	505.6	235.63	269.97	N/A	Irrigation
43	8/4/2004	USGS-NWIS	505.6	235.85	269.75	N/A	Irrigation
43	12/8/2004	USGS-NWIS	505.6	235.78	269.82	N/A	Irrigation
43	4/15/2005	USGS-NWIS	505.6	235.28	270.32	N/A	Irrigation
43	8/31/2005	USGS-NWIS	505.6	235.89	269.71	N/A	Irrigation
43	8/31/2005	USGS-NWIS	505.6	235.84	269.76	N/A	Irrigation
43	2/14/2006	USGS-NWIS	505.6	235.78	269.82	N/A	Irrigation
43	2/14/2006	USGS-NWIS	505.6	235.79	269.81	N/A	Irrigation
43	5/5/2006	USGS-NWIS	505.6	236.38	269.22	N/A	Irrigation
43	5/5/2006	USGS-NWIS	505.6	236.39	269.21	N/A	Irrigation
43	8/10/2006	USGS-NWIS	505.6	236.66	268.94	N/A	Irrigation
43	8/10/2006	USGS-NWIS	505.6	236.66	268.94	N/A	Irrigation

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
43	12/8/2006	USGS-NWIS	505.6	236.57	269.03	N/A	Irrigation
43	12/8/2006	USGS-NWIS	505.6	236.57	269.03	N/A	Irrigation
43	2/7/2007	USGS-NWIS	505.6	236.16	269.44	N/A	Irrigation
43	2/7/2007	USGS-NWIS	505.6	236.16	269.44	N/A	Irrigation
43	5/17/2007	USGS-NWIS	505.6	236.55	269.05	N/A	Irrigation
43	5/17/2007	USGS-NWIS	505.6	236.56	269.04	N/A	Irrigation
43	9/5/2007	USGS-NWIS	505.6	236.91	268.69	N/A	Irrigation
43	9/5/2007	USGS-NWIS	505.6	236.91	268.69	N/A	Irrigation
43	9/5/2007	USGS-NWIS	505.6	236.91	268.69	N/A	Irrigation
43	12/13/2007	USGS-NWIS	505.6	236.55	269.05	N/A	Irrigation
43	12/13/2007	USGS-NWIS	505.6	236.54	269.06	N/A	Irrigation
43	3/19/2008	USGS-NWIS	505.6	235.65	269.95	N/A	Irrigation
43	3/19/2008	USGS-NWIS	505.6	235.64	269.96	N/A	Irrigation
43	3/19/2008	USGS-NWIS	505.6	235.67	269.93	N/A	Irrigation
43	6/25/2008	USGS-NWIS	505.6	235.62	269.98	N/A	Irrigation
43	6/25/2008	USGS-NWIS	505.6	235.60	270.00	N/A	Irrigation
43	9/24/2008	USGS-NWIS	505.6	235.73	269.87	N/A	Irrigation
43	9/24/2008	USGS-NWIS	505.6	235.73	269.87	N/A	Irrigation
43	9/24/2008	USGS-NWIS	505.6	235.72	269.88	N/A	Irrigation
43	1/14/2009	USGS-NWIS	505.6	235.25	270.35	N/A	Irrigation
43	1/14/2009	USGS-NWIS	505.6	235.26	270.34	N/A	Irrigation
43	4/16/2009	USGS-NWIS	505.6	235.28	270.32	N/A	Irrigation
43	4/16/2009	USGS-NWIS	505.6	235.29	270.31	N/A	Irrigation
43	7/30/2009	USGS-NWIS	505.6	235.80	269.80	N/A	Irrigation
43	7/30/2009	USGS-NWIS	505.6	235.79	269.81	N/A	Irrigation
43	10/29/2009	USGS-NWIS	505.6	235.61	269.99	N/A	Irrigation
43	10/29/2009	USGS-NWIS	505.6	235.60	270.00	N/A	Irrigation
43	1/20/2010	USGS-NWIS	505.6	235.98	269.62	N/A	Irrigation
43	1/20/2010	USGS-NWIS	505.6	235.99	269.61	N/A	Irrigation
43	4/23/2010	USGS-NWIS	505.6	235.26	270.34	N/A	Irrigation
43	4/23/2010	USGS-NWIS	505.6	235.26	270.34	N/A	Irrigation
43	7/22/2010	USGS-NWIS	505.6	235.67	269.93	N/A	Irrigation
43	11/4/2010	USGS-NWIS	505.6	235.71	269.89	N/A	Irrigation
43	11/4/2010	USGS-NWIS	505.6	235.73	269.87	N/A	Irrigation
43	1/13/2011	USGS-NWIS	505.6	235.27	270.33	N/A	Irrigation
43	4/28/2011	USGS-NWIS	505.6	235.12	270.48	N/A	Irrigation
43	10/18/2011	USGS-NWIS	505.6	235.48	270.12	N/A	Irrigation
43	5/9/2012	USGS-NWIS	505.6	235.25	270.35	N/A	Irrigation
43	5/11/2012	USGS-NWIS	505.6	235.24	270.36	N/A	Irrigation
43	10/5/2012	USGS-NWIS	505.6	235.65	269.95	N/A	Irrigation
43	2/12/2013	USGS-NWIS	505.6	235.36	270.24	N/A	Irrigation
43	8/29/2013	USGS-NWIS	505.6	235.62	269.98	N/A	Irrigation
43	11/21/2013	USGS-NWIS	505.6	235.36	270.24	N/A	Irrigation
43	5/7/2014	USGS-NWIS	505.6	235.08	270.52	N/A	Irrigation
43	12/19/2014	USGS-NWIS	505.6	235.35	270.25	N/A	Irrigation
43	4/7/2015	USGS-NWIS	505.6	235.17	270.43	N/A	Irrigation
43	9/2/2015	USGS-NWIS	505.6	235.12	270.48	N/A	Irrigation
43	1/26/2016	USGS-NWIS	505.6	234.89	270.71	N/A	Irrigation
43	3/23/2016	USGS-NWIS	505.6	234.76	270.84	N/A	Irrigation
43	6/15/2016	USGS-NWIS	505.6	234.74	270.86	N/A	Irrigation
43	10/19/2016	USGS-NWIS	505.6	234.94	270.66	N/A	Irrigation
43	1/24/2017	USGS-NWIS	505.6	234.63	270.97	N/A	Irrigation
43	5/23/2017	USGS-NWIS	505.6	234.67	270.93	N/A	Irrigation
43	8/22/2017	USGS-NWIS	505.6	235.13	270.47	N/A	Irrigation
43	12/5/2017	USGS-NWIS	505.6	234.99	270.61	N/A	Irrigation
43	3/14/2018	USGS-NWIS	505.6	234.59	271.01	N/A	Irrigation
43	5/29/2018	USGS-NWIS	505.6	234.83	270.77	N/A	Irrigation
43	9/4/2018	USGS-NWIS	505.6	235.27	270.33	N/A	Irrigation
43	11/14/2018	USGS-NWIS	505.6	235.54	270.06	N/A	Irrigation
43	3/18/2019	USGS-NWIS	505.6	235.21	270.39	N/A	Irrigation
43	6/12/2019	USGS-NWIS	505.6	235.60	270.00	N/A	Irrigation
43	8/21/2019	USGS-NWIS	505.6	235.36	270.24	N/A	Irrigation
43	11/6/2019	USGS-NWIS	505.6	235.18	270.42	N/A	Irrigation
43	3/19/2020	USGS-NWIS	505.6	234.87	270.73	N/A	Irrigation
43	5/27/2020	USGS-NWIS	505.6	234.94	270.66	N/A	Irrigation
43	8/26/2020	USGS-NWIS	505.6	234.92	270.68	N/A	Irrigation
43	10/19/2020	USGS-NWIS	505.6	235.17	270.43	N/A	Irrigation
43	3/31/2021	USGS-NWIS	505.6	234.88	270.72	N/A	Irrigation
43	6/2/2021	USGS-NWIS	505.6	234.85	270.75	N/A	Irrigation
43	9/1/2021	USGS-NWIS	505.6	235.00	270.60	N/A	Irrigation
43	12/27/2021	USGS-NWIS	505.6	235.02	270.58	N/A	Irrigation
43	3/24/2022	USGS-NWIS	505.6	235.28	270.32	N/A	Irrigation
43	6/21/2022	USGS-NWIS	505.6	235.16	270.44	N/A	Irrigation

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
43	12/15/2022	USGS-NWIS	505.6	235.05	270.55	N/A	Irrigation
43	2/27/2023	USGS-NWIS	505.6	234.72	270.88	N/A	Irrigation
43	5/23/2023	USGS-NWIS	505.6	234.88	270.72	N/A	Irrigation
43	8/29/2023	USGS-NWIS	505.6	234.85	270.75	N/A	Irrigation
43	12/21/2023	USGS-NWIS	505.6	235.23	270.37	N/A	Irrigation
43	4/4/2024	USGS-NWIS	505.6	234.82	270.78	N/A	Irrigation
43	6/5/2024	USGS-NWIS	505.6	234.86	270.74	N/A	Irrigation
43	9/11/2024	USGS-NWIS	505.6	234.73	270.87	N/A	Irrigation
43	12/11/2024	USGS-NWIS	505.6	234.68	270.92	N/A	Irrigation
43	4/17/2025	USGS-NWIS	505.6	234.16	271.44	N/A	Irrigation
43	6/17/2025	USGS-NWIS	505.6	234.13	271.47	N/A	Irrigation
43	12/4/2025	USGS-NWIS	505.6	234.35	271.25	N/A	Irrigation
43	1/21/2026	USGS-NWIS	505.6	234.18	271.42	N/A	Irrigation
43	4/21/2026	USGS-NWIS	505.6	234.11	271.49	N/A	Irrigation
44	11/29/1989	USGS-NWIS	505.3	234.00	271.30	N/A	Irrigation
47	2/14/1984	USGS-NWIS	580.90	300.00	280.90	N/A	Unknown
47	9/28/1990	USGS-NWIS	580.90	299.61	281.29	N/A	Unknown
47	2/9/1992	USGS-NWIS	580.90	299.69	281.21	N/A	Unknown
47	3/30/2000	USGS-NWIS	580.90	300.05	280.85	N/A	Unknown
50	4/7/1961	USGS-NWIS	566	189.85	376.15	N/A	Unknown
50	4/20/1961	USGS-NWIS	566	189.98	376.02	N/A	Unknown
54	5/1/1985	USGS-NWIS	654.5	360.00	294.50	N/A	Unknown
54	9/28/1990	USGS-NWIS	654.5	369.19	285.31	N/A	Unknown
54	2/10/1992	USGS-NWIS	654.5	369.15	285.35	N/A	Unknown
54	3/30/2000	USGS-NWIS	654.5	369.08	285.42	N/A	Unknown
55	1/23/2012	USGS-NWIS	415.4	162.60	252.80	N/A	Exploratory
55	5/9/2012	USGS-NWIS	415.4	162.57	252.83	N/A	Exploratory
55	9/2/2015	USGS-NWIS	415.4	161.88	253.52	N/A	Exploratory
55	1/26/2016	USGS-NWIS	415.4	161.42	253.98	N/A	Exploratory
55	3/23/2016	USGS-NWIS	415.4	161.43	253.97	N/A	Exploratory
55	6/15/2016	USGS-NWIS	415.4	161.37	254.03	N/A	Exploratory
55	10/19/2016	USGS-NWIS	415.4	161.63	253.77	N/A	Exploratory
55	1/24/2017	USGS-NWIS	415.4	161.31	254.09	N/A	Exploratory
55	5/23/2017	USGS-NWIS	415.4	161.37	254.03	N/A	Exploratory
55	8/22/2017	USGS-NWIS	415.4	161.89	253.51	N/A	Exploratory
55	12/5/2017	USGS-NWIS	415.4	161.47	253.93	N/A	Exploratory
55	3/14/2018	USGS-NWIS	415.4	161.24	254.16	N/A	Exploratory
55	5/29/2018	USGS-NWIS	415.4	161.51	253.89	N/A	Exploratory
55	9/4/2018	USGS-NWIS	415.4	162.08	253.32	N/A	Exploratory
55	11/14/2018	USGS-NWIS	415.4	162.04	253.36	N/A	Exploratory
55	3/18/2019	USGS-NWIS	415.4	161.82	253.58	N/A	Exploratory
55	6/12/2019	USGS-NWIS	415.4	162.24	253.16	N/A	Exploratory
55	8/21/2019	USGS-NWIS	415.4	162.06	253.34	N/A	Exploratory
55	11/7/2019	USGS-NWIS	415.4	161.70	253.70	N/A	Exploratory
55	3/19/2020	USGS-NWIS	415.4	161.31	254.09	N/A	Exploratory
55	5/27/2020	USGS-NWIS	415.4	161.54	253.86	N/A	Exploratory
55	8/27/2020	USGS-NWIS	415.4	161.63	253.77	N/A	Exploratory
55	10/20/2020	USGS-NWIS	415.4	161.85	253.55	N/A	Exploratory
55	3/31/2021	USGS-NWIS	415.4	161.15	254.25	N/A	Exploratory
55	6/2/2021	USGS-NWIS	415.4	161.38	254.02	N/A	Exploratory
55	9/1/2021	USGS-NWIS	415.4	161.60	253.80	N/A	Exploratory
55	12/27/2021	USGS-NWIS	415.4	161.41	253.99	N/A	Exploratory
55	3/24/2022	USGS-NWIS	415.4	161.63	253.77	N/A	Exploratory
55	6/21/2022	USGS-NWIS	415.4	161.62	253.78	N/A	Exploratory
55	12/15/2022	USGS-NWIS	415.4	161.19	254.21	N/A	Exploratory
55	2/28/2023	USGS-NWIS	415.4	160.93	254.47	N/A	Exploratory
55	5/23/2023	USGS-NWIS	415.4	161.21	254.19	N/A	Exploratory
55	12/21/2023	USGS-NWIS	415.4	161.46	253.94	N/A	Exploratory
55	4/4/2024	USGS-NWIS	415.4	160.98	254.42	N/A	Exploratory
55	6/5/2024	USGS-NWIS	415.4	160.99	254.41	N/A	Exploratory
55	9/11/2024	USGS-NWIS	415.4	160.84	254.56	N/A	Exploratory
55	12/11/2024	USGS-NWIS	415.4	160.60	254.80	N/A	Exploratory
55	4/17/2025	USGS-NWIS	415.4	160.14	255.26	N/A	Exploratory
55	6/17/2025	USGS-NWIS	415.4	160.31	255.09	N/A	Exploratory
55	9/9/2025	USGS-NWIS	415.4	160.60	254.80	N/A	Exploratory
55	1/21/2026	USGS-NWIS	415.4	160.27	255.13	N/A	Exploratory
55	4/21/2026	USGS-NWIS	415.4	160.26	255.14	N/A	Exploratory
56	1/23/2012	USGS-NWIS	415.4	159.69	255.71	N/A	Exploratory
56	5/9/2012	USGS-NWIS	415.4	159.89	255.51	N/A	Exploratory
56	1/26/2016	USGS-NWIS	415.4	159.71	255.69	N/A	Exploratory
56	3/23/2016	USGS-NWIS	415.4	159.63	255.77	N/A	Exploratory

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
56	6/15/2016	USGS-NWIS	415.4	159.58	255.82	N/A	Exploratory
56	10/19/2016	USGS-NWIS	415.4	159.57	255.83	N/A	Exploratory
56	1/24/2017	USGS-NWIS	415.4	159.57	255.83	N/A	Exploratory
56	5/23/2017	USGS-NWIS	415.4	159.38	256.02	N/A	Exploratory
56	8/22/2017	USGS-NWIS	415.4	159.53	255.87	N/A	Exploratory
56	12/5/2017	USGS-NWIS	415.4	159.55	255.85	N/A	Exploratory
56	3/14/2018	USGS-NWIS	415.4	159.29	256.11	N/A	Exploratory
56	5/29/2018	USGS-NWIS	415.4	159.30	256.10	N/A	Exploratory
56	9/4/2018	USGS-NWIS	415.4	159.40	256.00	N/A	Exploratory
56	11/14/2018	USGS-NWIS	415.4	159.75	255.65	N/A	Exploratory
56	3/18/2019	USGS-NWIS	415.4	159.38	256.02	N/A	Exploratory
56	6/12/2019	USGS-NWIS	415.4	159.53	255.87	N/A	Exploratory
56	8/21/2019	USGS-NWIS	415.4	159.40	256.00	N/A	Exploratory
56	11/7/2019	USGS-NWIS	415.4	159.44	255.96	N/A	Exploratory
56	3/19/2020	USGS-NWIS	415.4	159.32	256.08	N/A	Exploratory
56	5/27/2020	USGS-NWIS	415.4	159.34	256.06	N/A	Exploratory
56	8/27/2020	USGS-NWIS	415.4	159.23	256.17	N/A	Exploratory
56	10/20/2020	USGS-NWIS	415.4	159.36	256.04	N/A	Exploratory
56	3/31/2021	USGS-NWIS	415.4	159.39	256.01	N/A	Exploratory
56	6/2/2021	USGS-NWIS	415.4	159.27	256.13	N/A	Exploratory
56	9/1/2021	USGS-NWIS	415.4	159.20	256.20	N/A	Exploratory
56	12/27/2021	USGS-NWIS	415.4	159.21	256.19	N/A	Exploratory
56	3/24/2022	USGS-NWIS	415.4	159.37	256.03	N/A	Exploratory
56	6/21/2022	USGS-NWIS	415.4	159.38	256.02	N/A	Exploratory
56	12/15/2022	USGS-NWIS	415.4	159.30	256.10	N/A	Exploratory
56	2/28/2023	USGS-NWIS	415.4	159.20	256.20	N/A	Exploratory
56	5/23/2023	USGS-NWIS	415.4	159.13	256.27	N/A	Exploratory
56	12/21/2023	USGS-NWIS	415.4	159.07	256.33	N/A	Exploratory
56	4/4/2024	USGS-NWIS	415.4	159.09	256.31	N/A	Exploratory
56	6/5/2024	USGS-NWIS	415.4	159.06	256.34	N/A	Exploratory
56	9/11/2024	USGS-NWIS	415.4	158.93	256.47	N/A	Exploratory
56	12/11/2024	USGS-NWIS	415.4	159.22	256.18	N/A	Exploratory
56	4/17/2025	USGS-NWIS	415.4	158.80	256.60	N/A	Exploratory
56	6/17/2025	USGS-NWIS	415.4	158.91	256.49	N/A	Exploratory
56	9/9/2025	USGS-NWIS	415.4	158.91	256.49	N/A	Exploratory
56	1/21/2026	USGS-NWIS	415.4	158.84	256.56	N/A	Exploratory
56	4/21/2026	USGS-NWIS	415.4	158.78	256.62	N/A	Exploratory
57	1/23/2012	USGS-NWIS	415.4	154.20	261.20	N/A	Exploratory
57	5/9/2012	USGS-NWIS	415.4	154.28	261.12	N/A	Exploratory
57	9/2/2015	USGS-NWIS	415.4	153.39	262.01	N/A	Exploratory
57	3/23/2016	USGS-NWIS	415.4	153.29	262.11	N/A	Exploratory
57	6/15/2016	USGS-NWIS	415.4	153.15	262.25	N/A	Exploratory
57	10/19/2016	USGS-NWIS	415.4	153.08	262.32	N/A	Exploratory
57	1/24/2017	USGS-NWIS	415.4	153.12	262.28	N/A	Exploratory
57	5/23/2017	USGS-NWIS	415.4	152.78	262.62	N/A	Exploratory
57	8/22/2017	USGS-NWIS	415.4	152.73	262.67	N/A	Exploratory
57	12/5/2017	USGS-NWIS	415.4	152.66	262.74	N/A	Exploratory
57	3/14/2018	USGS-NWIS	415.4	152.49	262.91	N/A	Exploratory
57	5/29/2018	USGS-NWIS	415.4	152.35	263.05	N/A	Exploratory
57	9/4/2018	USGS-NWIS	415.4	152.37	263.03	N/A	Exploratory
57	11/14/2018	USGS-NWIS	415.4	152.24	263.16	N/A	Exploratory
57	3/18/2019	USGS-NWIS	415.4	152.09	263.31	N/A	Exploratory
57	6/12/2019	USGS-NWIS	415.4	152.00	263.40	N/A	Exploratory
57	8/21/2019	USGS-NWIS	415.4	151.95	263.45	N/A	Exploratory
57	11/7/2019	USGS-NWIS	415.4	151.83	263.57	N/A	Exploratory
57	3/19/2020	USGS-NWIS	415.4	151.85	263.55	N/A	Exploratory
57	5/27/2020	USGS-NWIS	415.4	151.60	263.80	N/A	Exploratory
57	8/27/2020	USGS-NWIS	415.4	151.49	263.91	N/A	Exploratory
57	10/20/2020	USGS-NWIS	415.4	151.44	263.96	N/A	Exploratory
57	3/31/2021	USGS-NWIS	415.4	151.37	264.03	N/A	Exploratory
57	6/2/2021	USGS-NWIS	415.4	151.17	264.23	N/A	Exploratory
57	9/1/2021	USGS-NWIS	415.4	151.10	264.30	N/A	Exploratory
57	12/27/2021	USGS-NWIS	415.4	150.94	264.46	N/A	Exploratory
57	3/24/2022	USGS-NWIS	415.4	150.87	264.53	N/A	Exploratory
57	6/21/2022	USGS-NWIS	415.4	150.78	264.62	N/A	Exploratory
57	12/15/2022	USGS-NWIS	415.4	150.55	264.85	N/A	Exploratory
57	2/28/2023	USGS-NWIS	415.4	150.45	264.95	N/A	Exploratory
57	5/23/2023	USGS-NWIS	415.4	150.34	265.06	N/A	Exploratory
57	12/21/2023	USGS-NWIS	415.4	150.13	265.27	N/A	Exploratory
57	4/4/2024	USGS-NWIS	415.4	149.85	265.55	N/A	Exploratory
57	6/5/2024	USGS-NWIS	415.4	149.92	265.48	N/A	Exploratory
57	9/11/2024	USGS-NWIS	415.4	149.71	265.69	N/A	Exploratory

TABLE 2
GROUNDWATER LEVEL MEASUREMENTS
 Genesis Solar Energy Project, Riverside County, California

Well ID	Date	Source	Top of Casing Elevation (feet amsl) ¹	Depth to Water (feet below TOC)	Groundwater Elevation (feet amsl)	Difference from Baseline (feet)	Comments / Use
57	12/11/2024	USGS-NWIS	415.4	149.64	265.76	N/A	Exploratory
57	4/17/2025	USGS-NWIS	415.4	149.44	265.96	N/A	Exploratory
57	6/17/2025	USGS-NWIS	415.4	149.45	265.95	N/A	Exploratory
57	9/9/2025	USGS-NWIS	415.4	149.30	266.10	N/A	Exploratory
57	1/21/2026	USGS-NWIS	415.4	149.15	266.25	N/A	Exploratory
57	4/21/2026	USGS-NWIS	415.4	149.02	266.38	N/A	Exploratory

Notes:

amsl = above mean sea level

TOC = top of casing

1. Wells were surveyed on February 8 & 9, 2011. Top of Casing elevation for all other wells are approximate.
2. No data was collected due to equipment or software malfunction
3. Sounding tube is blocked with concrete
4. Well not accessible - Unknown lock on well
5. Well not accessible - Steel plate welded over well
6. Due to loss of configuration file and calibration data following the 1st Quarter 2014 monitoring event, the OBS-2 buried transducers are no longer accessible.
7. Well not accessible - Access agreement issue
8. Well pumped by others on 10/10/17 at 250-300 gpm; water level at time of monitoring was 128.75 ft bgs / 259.39 ft amsl.
9. Sounding port obstructed

TABLE 3
MOST RECENT GROUNDWATER QUALITY MONITORING DATA
 Genesis Solar Energy Project, Riverside, California

Well ID	Date	Groundwater Purging			Field Parameters					
		Rate of Groundwater Discharge (mL/min)	Purging Method	Total Volume Purged (mL)	Temperature (°C)	pH	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	D.O. (mg/L)
23a	6/11/2026	N/A	Bailer	5,750	34.5	8.49	2.9	13.8	+103	3.27
OBS-1	6/11/2026	N/A	Bailer	5,750	30.1	8.30	25.5	6.7	+76	6.05
TW-1	6/11/2026	N/A	Bailer	5,750	31.3	10.83	19.3	146	-255	3.82
TW-2	6/11/2026	N/A	Bailer	5,750	33.8	9.45	6.1	55	-242	4.07
PW-0	6/11/2026	N/A	Production Pump	N/A ²	40.0	8.04	6.8	7.3	-155	3.58
PW-1	6/11/2026	N/A	N/A	N/A ¹	--	--	--	--	--	--
PW-2	6/11/2026	N/A	Production Pump	N/A ²	48.0	8.10	3.6	6.8	-10	5.75
DM-1	6/11/2026	180	Bladder Pump	3,000	33.9	7.67	18.7	18.0	+66	4.54
DM-2	6/11/2026	138	Bladder Pump	3,000	35.7	7.56	19.2	22.0	+59	1.99
DM-3	6/11/2026	143	Bladder Pump	3,000	36.3	7.57	18.3	10.2	+90	2.12

NOTES:

mL = milliliters

mL/min = milliliters per minute

mS/cm = milliSiemens per centimeter

NTU = Nephelometric Turbidity Units

DO = Dissolved Oxygen

mg/L = milligrams per liter

°C = degrees Celsius

mV = millivolts

N/A = Not Applicable or Not Available

-- = Not Measured

1. Not sampled - well not accessible

2. Well was sampled during continuous production pumping and therefore purging was not necessary.

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS
Genesis Solar Energy Project

Well ID	Date Sampled	Sampling Method	Chloride	Sulfate	Nitrate	Calcium	Copper	Sodium	Potassium	Iron	Magnesium	Antimony	Arsenic	Barium	Cadmium	Chromium (All Species)	Cobalt	Lead	Manganese	Nickel	Selenium	Zinc	Mercury	Total Dissolved Solids (mg/L)	Specific Conductance (µS/cm)	pH (standard Units)	Oil & Grease / HEM (mg/L)	HTF ¹ (mg/L)	Deuterium (% relative to VSMOW)	Oxygen-18 (% relative to VSMOW)
			EPA Method 300.0	EPA Method 200.7								EPA Method 200.8												SM7470A	SM2540C	SM2510B	SM4500H	SM1664A	8015B	Isotope Geochemistry
TW-1	6/5/2009	Low Flow	5,600	1,500	<0.25	160	<0.010	4,500	30	1.4	38	-	-	-	-	-	-	-	65	-	-	-	-	9,500	19,000	7.9	-	-	-	-
TW-1	7/9/2009	Low Flow	5,300	1,400	-	-	<0.010	4,000	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,000	19,000	7.9	-	-	-	-
TW-1	7/13/2009	Low Flow	6,400	1,800	-	-	<0.010	3,600	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,500	18,000	7.9	-	-	-	-
TW-1	7/16/2009	Low Flow	4,700	1,200	<0.25	-	<0.010	3,600	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,900	18,000	7.8	-	-	-	-
TW-1	11/10/2010	Low Flow	6,200	1,600	<0.25	170	<0.010	4,000	23	1.7	35	-	-	-	-	-	-	-	79	-	-	-	-	11,000	18,000	8.0	-	-	-69.90	-8.61
TW-1	11/10/2010	Low Flow	6,100	1,600	<0.25	170	<0.010	4,100	22	1.6	34	-	-	-	-	-	-	-	77	-	-	-	-	9,900	18,000	8.0	-	-	-69.30	-8.56
TW-1	6/8/2011	Low Flow	5,100	1,600	<0.25	170	<0.010	3,300	24	5.1	30	-	-	-	-	-	-	-	73	-	-	-	-	10,000	20,000	8.0	-	-	-67.00	-8.24
TW-1	12/13/2011	Low Flow	3,900	1,300	<1.1	82	<0.010	3,400	23	9.5	25	-	-	-	-	-	-	-	-	-	-	-	-	9,100	9,800	9.0	-	-	-63.70	-8.20
TW-1	12/13/2011	Hydrasleeve	3,900	1,300	<1.1	75	0.0052	3,100	21	30	24	-	-	-	-	-	-	-	-	-	-	-	-	9,200	15,000	9.0	-	-	-64.20	-8.20
TW-1	5/23/2012	Hydrasleeve	4,400	1,700	<2.2	81	<0.010	3,000	20	<0.040	21	-	-	-	-	-	-	-	-	-	-	-	-	8,800	17,000	9.2	-	-	-66.30	-8.20
TW-1	10/23/2012	Hydrasleeve	4,100	1,700	<2.2	71	<0.010	3,100	19	<0.040	23	-	-	-	-	-	-	-	-	-	-	-	-	9,000	15,000	9.2	-	-	-66.00	-8.00
TW-1	5/20/2014	Hydrasleeve	3,900	1,400	-	81	<0.010	3,000	20	0.29	12	<10	2.5 ^j	17	<5.0	<10	<5.0	<5.0	9.6	2.9 ^j	<10	<100	<0.20	8,900	15,000	9.7	<4.7	-	-63.74	-7.83
TW-1	12/4/2014	Hydrasleeve	3,900	1,200	<2.2	86	<0.050	3,200	21	0.057 ^j	11	<10	3.8 ^j	17	<5.0	<10	<5.0	<5.0	8.6	4.4 ^j	<10	<100	<0.20	8,500	15,000	9.9	<4.7	<0.095	-65.20	-8.12
TW-1	6/11/2015	Hydrasleeve	4,100	1,400	<2.2	73	<0.10	3,000	19	<0.40	8.5	<10	4.2 ^j	17	<5.0	<10	<5.0	<5.0	6.6	<10	<10	<100	<0.20	8,800	15,000	9.9	<4.7	<0.10	-62.50	-8.18
TW-1	12/10/2015	Hydrasleeve	4,200	1,500	<5.5	82	<0.010	3,000	21	<0.040	7.6	4.3 ^j	4.2 ^j	22	<5.0	<10	<5.0	<5.0	5.2	3.4 ^j	2.8 ^j	<100	<0.20	9,400	16,000	9.9	1.7 ^j	<0.094	-63.40	-8.08
TW-1	6/2/2016	Hydrasleeve	3,600	1,300	6.5	71	<0.10	3,000	17	51	11	<2.0	6.0	16	<1.0	<2.0	<1.0	<1.0	310	<2.0	1.0 ^j	11 ^j	<0.20	8,500	18,000	9.6	<4.8	<0.094	-63.67	-8.11
TW-1	11/30/2016	Hydrasleeve	4,000	1,400	<5.5	72	<0.010	3,000	21	0.51	5.9	<10	3.1 ^j	13	<5.0	<10	<5.0	<5.0	8.4	<10	9.0 ^j	<100	<0.20	8,600	13,000	9.6	<4.7	<0.095	-64.00	-8.04
TW-1	6/1/2017	Hydrasleeve	3,600	1,300	<5.5	79	<0.010	3,400	20	<1.0	6.1	<10	8.2	15	<5.0	<10	<5.0	<5.0	<5.0	4.0 ^j	92	<100	<0.20	8,700	12,000	9.7	<5.2	<0.095	-63.50	-7.97
TW-1	12/5/2017	Hydrasleeve	3,510	1,130	<0.500	80	<0.025	1,000	33	0.43 ^j	6.4	<1.0	13	14	<1.0	<1.0	<1.0	2.5	-	<1.0	<1.0	<1.0	<0.50	7,800	13,900	10	<5.0	<0.10	-62.35	-8.38
TW-1	6/1/2018	Bailer	4,130	1,390	<10	74	0.11 ^j	3,100	53	<10	5.0	<0.50	6.0	5.9	<0.50	<0.50	<0.50	<0.50	-	<0.50	<5.0	<5.0	<0.50	9,300	14,000	10	1.70 ^j	<0.12	-62.80	-7.93
TW-1	12/4/2018	Bailer	6,910	2,400	<0.500	89	<0.5	4,800	35	<20	<10	<10	20	15	<10	<10	<10	<10	-	<10	<10	<10	<0.50	8,100	13,900	10	<5.0	<0.099	-63.50	-7.97
TW-1	6/13/2019	Bailer	4,070	1,230	<0.500	75	<0.005	3,700	57	1.8	3.4	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	-	<0.50	6,800	14,200	11	<5.0	<0.10	-63.60	-7.97
TW-1	12/5/2019	Bailer	7,300	2,490	<0.500	77	0.007	5,100	24	0.025 ^j	6.0	<5.0	<5.0	12	<5.0	0.30 ^j	<5.0	<5.0	-	<5.0	<5.0	47	<0.50	7,900	14,100	9.7	<5.0	<0.11	-61.30	-7.64
TW-1	6/5/2020	Bailer	4,190	1,370	<0.500	75	0.006	3,100	34	<0.20	8.8	<5.0	<5.0	17	<5.0	<5.0	<5.0	-	<5.0	5.8	12	<0.50	8,900	14,500	9.8	<5.0	<0.10	-63.50	-7.96	
TW-1	12/3/2020	Bailer	4,750	1,710	0.657	89	<0.005	9,300	30	3.1	12	<5.0	<5.0	20	<5.0	<5.0	<5.0	<5.0	-	<5.0	<0.50	<0.50	<0.50	6,400	15,000	9.3	<5.0	<0.11	-63.80	-7.96
TW-1	6/4/2021	Bailer	4,500	1,570	<0.500	58	<0.50	3,400	59	<20	<10	<10	<10	<10	<10	<10	<10	<10	-	<10	12	<10	<0.50	6,600	14,900	11	<5.0	<0.094	-62.40	-7.73
TW-1	12/3/2021	Bailer	4,470	1,520	0.974	100	<0.50	3,900	<50	<20	18	<10	<10	13	<10	<10	<10	<10	-	<10	14	20	<1.0	9,100	15,300	9.4	<5.0	<0.097	-63.20	-7.76
TW-1	6/2/2022	Bailer	5,010	1,720	0.72	99	<0.25	3,900	<250	<100	<50	<50	<50	<50	<50	<50	<50	<50	-	<50	52	<50	<1.0	6,900	15,500	10.0	<5.0	<0.094	-63.60	-7.75
TW-1	12/1/2022	Bailer	4,930	1,650	0.950	65	<0.005	4,300	55	0.89	14	<25	<25	<25	<25	<25	<25	<25	-	<25	<25	<25	<1.0	9,000	15,900	9.4	<5.0	<0.097	-62.10	-7.63
TW-1	6/8/2023	Bailer	4,530	1,700	<0.500	120	<0.50	3,700	<50	<20	32	<10	<10	11	<10	<10	<10	<10	-	<10	<10	<10	<1.0	8,200	15,800	9.3	<5.0	<0.098	-63.20	-7.85
TW-1	12/7/2023	Bailer	4,530	1,610	0.888	120	<0.50	3,600	<50	<20	38	<25	<25	<25	<25	<25	<25	<25	-	<25	<25	<25	<1.0	9,300	16,200	8.7	<5.0	<0.099	-63.00	-7.92
TW-1	6/6/2024	Bailer	4,500	1,770	1.12	190	<0.50	4,700	<50	<20	46	<5.0	<5.0	16	<5.0	<5.0	<5.0	<5.0	-	<5.0	<5.0	25	<1.0	9,700	17,400	9.7	<5.0	<0.093	-62.40	-7.73
TW-1	12/5/2024	Bailer	5,400	1,770	<0.500	180	<0.50	4,500	<50	<20	27	<25	<25	<25	<25	<25	<25	<25	-	<25	<25	<25	<1.0	10,000	17,600	9.3	<5.0	<0.091	-62.50	-7.72
TW-1	6/3/2025	Bailer	5,520	2,050	0.680	220	<0.50	4,700	<50	<20	35	<10	<10	13	<10	<10	<10	<10	-	<10	<10	<10	<1.0	11,000	18,700	10.0	<5.0	<0.099	-61.70	-7.22
TW-1	12/4/2025	Bailer	5,420	1,940	<0.500	150	<0.50	3,900	<50	<20	10	<20	<20	<20	<20	<20	<20	<20	-	<20	21	<20	<1.0	11,000	18,000	11.0	<5.0	<0.099	-62.10	-7.35
TW-1	6/11/2026	Bailer	5,480	1,870	<0.500	210	<0.50	4,800	<50	<20	18	<250	<250	<250	<250	<250	<250	<250	-	<250	<250	<250	<1.0	12,000	18,300	11.0	<5.0	<0.098	-60.50	-7.16
TW-2	1/8/2010	Low Flow	1,500	460	<0.25	98	<0.010	860	18	<0.3	1.9	-	-	-	-	-	-	-	80	-	-	-	-	3,100	5,500	8.2	-	-	-	-
TW-2	1/8/2010	Low Flow	1,400	500	<0.25	100	<0.010	1,000	18	0.5	3.8	-	-	-	-	-	-	-	5	-	-	-	-	3,000	5,500	8.0	-	-	-	-
TW-2	1/21/2010	Low Flow	1,500	500	<0.25	120	<0.010	1,000	21	0.73	3.4	-	-	-	-	-	-	-	93	-	-	-	-	3,100	5,400	8.0	-	-	-	-
TW-2	11/9/2010	Low Flow	1,500	520	<0.25	110	<0.010	1,000	19	2.9	4.2	-	-	-	-	-	-	-	140	-	-	-	-	3,300	5,800	8.4	-	-	-78.50	-10.13
TW-2	6/7/2011	Low Flow	1,600	520	<0.25	120	<0.010	870	20	0.38	3.1	-	-	-	-	-	-	-	94	-	-	-	-	3,200	5,700	8.1	-	-	-79.50	-10.25
TW-2	6/7/2011	Low Flow	1,500	510	<0.25	120	<0.010	880	20	0.42	3.1	-	-	-	-	-	-	-	95	-	-	-	-	3,100	5,500	8.0	-	-	-78.30	-10.14
TW-2	12/14/2011	Hydrasleeve	1,500	460	<0.55	100	0.0076	1,100	23	24	4.1	-	-	-	-	-	-	-	-	-	-	-	-	3,400	4,100	8.3	-	-	-76.00	-10.20
TW-2	5/24/2012	Hydrasleeve	1,400	500	<1.1	78	<0.010	1,000	19	<0.040	1.																			

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS

Genesis Solar Energy Project

			Chloride (mg/L)	Sulfate (SO4) (mg/L)	Nitrate (NO3)-N (mg/L)	Calcium (mg/L)	Copper (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Cadmium (µg/L)	Chromium (All Species) (µg/L)	Cobalt (µg/L)	Lead (µg/L)	Manganese (µg/L)	Nickel (µg/L)	Selenium (µg/L)	Zinc (µg/L)	Mercury (µg/L)	Total Dissolved Solids (mg/L)	Specific Conductance (µS/cm)	pH (standard Units)	Oil & Grease / HEM (mg/L)	HTF ¹ (mg/L)	Deuterium (% relative to VSMOW)	Oxygen-18 (% relative to VSMOW)				
Well ID	Date Sampled	Sampling Method	EPA Method 300.0			EPA Method 200.7						EPA Method 200.8															SM7470A	SM2540C	SM2510B	SM4500H	SM1664A	8015B	Isotope Geochemistry	
TW-2	12/5/2024	Bailer	1,510	<500	0.829	93	<0.50	1,300	<50	<20	<10	<25	<25	28	<25	<25	<25	<25	-	<25	<25	<25	<1.0	2,800	5,860	9.4	<5.0	<0.093	-75.40	-10.12				
TW-2	6/3/2025	Bailer	1,630	419	<0.500	91	<0.50	1,300	<50	<20	<10	<10	<10	38	<10	<10	<10	<10	<10	<10	<10	29	<1.0	3,200	5,910	9.4	<5.0	<0.098	-75.60	-9.88				
TW-2	12/4/2025	Bailer	1,630	467	<0.500	81	<0.50	1,100	<50	<20	<10	<20	<20	29	<20	<20	<20	<20	-	<20	<20	<20	<1.0	3,400	5,750	9.2	<5.0	<0.097	-76.90	-10.19				
TW-2	6/11/2026	Bailer	1,620	500	<0.500	98	<0.50	1,300	<50	<20	<10	<250	<250	<250	<250	<250	<250	<250	-	<250	<250	<250	<1.0	3,300	5,810	9.4	<5.0	<0.097	-77.10	-10.20				
OBS-1	11/10/2010	Low Flow	8,300	9,400	0.78	450	0.036	6,500	25	2.4	110	-	-	-	-	-	-	-	-	59	-	-	-	-	20,000	23,000	7.7	-	-	-62.90	-6.88			
OBS-1	6/8/2011	Low Flow	6,600	6,800	0.81	460	<0.010	5,800	26	2.3	94	-	-	-	-	-	-	-	60	-	-	-	-	19,000	32,000	7.7	-	-	-63.10	-6.82				
OBS-1	6/8/2011	Low Flow	6,600	6,800	0.64	470	<0.010	5,800	25	2.3	91	-	-	-	-	-	-	-	71	-	-	-	-	19,000	31,000	7.7	-	-	-62.70	-6.86				
OBS-1	12/13/2011	Low Flow	6,300	6,700	1.4	430	0.0051	6,500	34	0.4	91	-	-	-	-	-	-	-	-	-	-	-	-	21,000	27,000	7.8	-	-	-60.90	-6.80				
OBS-1	12/13/2011	Hydrasleeve	6,200	6,500	1.4	400	0.0045	6,300	32	0.35	87	-	-	-	-	-	-	-	-	-	-	-	-	20,000	28,000	7.8	-	-	-61.40	-6.90				
OBS-1	5/23/2012	Hydrasleeve	6,400	7,000	1.9	380	<0.010	7,200	33	<0.040	73	-	-	-	-	-	-	-	-	-	-	-	-	21,000	36,000	7.9	-	-	-62.80	-6.90				
OBS-1	10/23/2012	Hydrasleeve	6,400	6,700	<2.2	400	<0.010	6,200	31	<0.040	89	-	-	-	-	-	-	-	-	-	-	-	-	21,000	36,000	7.3	-	-	-64.30	-6.80				
OBS-1	5/20/2014	Hydrasleeve	6,300	5,700	-	330	<0.020	5,500	27	<0.040	77	<10	<5.0	13	<5.0	<10	<5.0	<5.0	4.9 ^j	4.7 ^j	58	<100	<0.20	17,000	30,000	7.9	<4.7	-	-59.93	-7.03				
OBS-1	12/4/2014	Hydrasleeve	5,400	4,900	4.3 ^j	330	<0.050	6,100	27	<0.20	87	<10	2.8 ^j	13	<5.0	<10	<5.0	<5.0	2.5 ^j	6.8 ^j	59	18 ^j	<0.20	17,000	26,000	8.0	<4.7	<0.094	-62.20	-6.71				
OBS-1	6/11/2015	Hydrasleeve	5,900	5,600	<5.5	310	<0.10	5,600	24	<0.40	81	<10	<5.0	13	<5.0	<10	<5.0	<5.0	5.5	3.9 ^j	60	13 ^j	<0.20	18,000	31,000	8.0	<4.7	<0.099	-60.20	-6.72				
OBS-1	12/10/2015	Hydrasleeve	6,200	5,600	<5.5	330	<0.010	5,600	24	<0.040	81	<10	2.7 ^j	17	<5.0	<10	<5.0	<5.0	6.2	<10	72	<100	<0.20	18,000	30,000	7.9	<5.0	<0.094	-61.20	-6.87				
OBS-1	6/2/2016	Hydrasleeve	5,500	4,800	7.3	290	<0.10	5,500	22	0.34 ^j	82	1.6 ^j	2.4	13	0.34 ^j	0.63 ^j	<1.0	<1.0	5.1	0.87 ^j	67	5.2 ^j	<0.20	18,000	30,000	8.0	<4.7	<0.096	-60.14	-6.75				
OBS-1	11/30/2016	Hydrasleeve	6,100	5,800	<5.5	320	<0.010	5,400	28	<0.040	86	<20	<10	12	<10	<20	<10	<10	<10	<20	70	<200	<0.20	18,000	23,000	7.9	<4.7	<0.093	-61.30	-6.68				
OBS-1	6/1/2017	Hydrasleeve	5,200	5,200	<11	330	<0.10	5,900	25	<1.0	87	<10	3.4 ^j	14	<5.0	<10	<5.0	<5.0	3.2 ^j	3.6 ^j	51	<100	<0.20	18,000	21,000	8.0	<5.1	<0.094	-60.70	-6.68				
OBS-1	12/5/2017	Hydrasleeve	5,380	4,890	9.69	330	<0.025	2,200	46	<0.035	90	<5.0	<5.0	15	<5.0	<5.0	<5.0	<5.0	-	<5.0	94	<5.0	<0.50	18,000	23,200	7.9	6.21	<0.10	-59.01	-7.11				
OBS-1	6/1/2018	Bailer	6,040	5,520	12.4	320	0.10 ^j	6,700	75	<10	87	<0.5	<5.0	7.8	<0.5	<0.5	<0.5	<0.5	-	<5.0	57	5.8	<0.50	16,000	23,600	8.0	<5.0	<0.11	-60.90	-6.84				
OBS-1	12/4/2018	Bailer	7,680	7,130	5.52	480	<0.5	12,000	63	<20	140	<10	<10	14	<10	<10	<10	<10	-	<10	80	<10	<0.50	17,000	23,600	7.9	<5.0	<0.10	-61.40	-6.79				
OBS-1	6/13/2019	Bailer	6,070	5,400	5.42	360	0.017	7,700	78	0.53	91	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<10	-	<0.50	11,000	24,500	7.5	<5.0	<0.10	-60.70	-6.75			
OBS-1	12/5/2019	Bailer	9,710	8,020	9.79	330	0.006	6,700	34	<0.20	93	<5.0	<5.0	15	<5.0	0.10 ^j	<5.0	<5.0	-	<5.0	60	48	<0.50	15,000	23,900	7.7	<5.0	<0.10	-59.50	-6.56				
OBS-1	6/5/2020	Bailer	6,100	5,560	5.07	300	0.006	6,100	62	<0.20	75	<5.0	<5.0	14	<5.0	<5.0	<5.0	<5.0	-	<5.0	89	44	<0.50	16,000	24,500	8.1	<5.0	<0.097	-60.90	-6.78				
OBS-1	12/3/2020	Bailer	6,560	6,200	5.41	320	0.005	3,200	51	1.2	68	<5.0	<5.0	18	<5.0	<5.0	<5.0	<5.0	-	<5.0	7.6	3.7	<0.50	18,000	24,000	7.9	<5.0	<0.11	-60.90	-6.80				
OBS-1	6/4/2021	Bailer	6,340	5,760	5.18	290	<0.50	5,700	62	<20	80	<10	<10	16	<10	<10	<10	<10	-	<10	77	16	<0.50	13,000	24,500	7.8	<5.0	<0.090	-60.20	-6.79				
OBS-1	12/3/2021	Bailer	6,160	5,520	5.55	300	<0.50	6,600	<50	<20	86	<10	10	15	<10	<10	<10	<10	-	<10	66	18	<1.0	11,000	24,500	7.								

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS
Genesis Solar Energy Project

			Chloride (mg/L)	Sulfate (SO4) (mg/L)	Nitrate (NO3)-N (mg/L)	Calcium (mg/L)	Copper (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Cadmium (µg/L)	Chromium (All Species) (µg/L)	Cobalt (µg/L)	Lead (µg/L)	Manganese (µg/L)	Nickel (µg/L)	Selenium (µg/L)	Zinc (µg/L)	Mercury (µg/L)	Total Dissolved Solids (mg/L)	Specific Conductance (µS/cm)	pH (standard Units)	Oil & Grease / HEM (mg/L)	HTF ¹ (mg/L)	Deuterium (% relative to VSMOW)	Oxygen-18 (% relative to VSMOW)								
Well ID	Date Sampled	Sampling Method	EPA Method 300.0			EPA Method 200.7						EPA Method 200.8																			SM7470A	SM2540C	SM2510B	SM4500H	SM1664A	8015B	Isotope Geochemistry	
Well 23a	12/5/2024	Bailer	448	393	0.845	<50	<0.50	640	74	<20	<10	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	-	<5.0	<5.0	<100	<1.0	1,300	2,730	8.2	<5.0	<0.091	-76.10	-10.46							
Well 23a	6/3/2025	Bailer	467	404	<0.500	<50	<0.50	680	<50	<20	<10	<10	<10	13	<10	<10	<10	<10	<10	-	<10	<10	38	<1.0	1,600	2,820	8.9	<5.0	<0.099	-76.50	-10.42							
Well 23a	12/4/2025	Bailer	464	408	<0.500	<50	<0.50	580	<50	<20	<10	<20	<20	<20	<20	<20	<20	<20	-	<20	<20	70	<1.0	1,600	2,650	8.7	<5.0	<0.097	-74.40	-10.41								
Well 23a	6/11/2026	Bailer	484	402	<0.500	<50	<0.50	630	<50	<20	<10	<250	<250	<250	<250	<250	<250	<250	-	<250	<250	<250	<1.0	1,500	2,660	8.2	<5.0	<0.097	-75.00	-10.35								
DM-1	5/24/2012	Low Flow	4,600	2,000	3.9	250	<0.10	3,800	23.0	<0.40	56	-	-	-	-	-	-	-	-	-	-	-	-	-	12,000	16,000	7.8	-	-	-65.10	-8.80							
DM-1	10/24/2012	Low Flow	5,400	2,300	<1.1	210	<0.010	3,200	20.0	<0.040	58	-	-	-	-	-	-	-	11	-	-	-	-	-	11,000	18,000	7.8	-	-	-72.10	-8.60							
DM-1	5/22/2014	Low Flow	5,300	2,000	-	240	<0.010	3,700	22	<0.040	54	<10	6.2	52	<5.0	<10	<5.0	<5.0	2.5 ^j	4.6 ^j	3.0 ^j	<100	<0.20	11,000	19,000	7.8	<5.0	-	-68.50	-8.51								
DM-1	5/22/2014 ¹	Low Flow	5,200	2,000	-	230	<0.010	3,600	22	<0.040	53	<10	5.6	50	<5.0	<10	<5.0	<5.0	<5.0	3.9 ^j	3.1 ^j	<100	<0.20	11,000	19,000	7.7	<5.3	-	-69.47	-8.74								
DM-1	12/4/2014	Low Flow	4,800	1,700	2.9	230	<0.050	3,600	21	<0.20	57	<10	7.7	50	<5.0	<10	<5.0	<5.0	<5.0	9.2 ^j	<10	25 ^j	0.15 ^j	11,000	19,000	7.9	<4.7	<0.094	-72.10	-8.75								
DM-1	6/11/2015	Low Flow	4,600	2,000	3.7 ^j	230	<0.10	3,600	21	<0.40	52	<10	3.8 ^j	36	<5.0	2.9 ^j	<5.0	<5.0	3.6 ^j	6.3 ^j	3.6 ^j	<100	0.26	10,000	19,000	7.8	<4.7	<0.10	-69.20	-8.47								
DM-1	12/10/2015	Low Flow	5,300	2,100	4.9 ^j	260	<0.010	3,700	22	<0.040	57	<10	5.6	38	<5.0	<10	<5.0	<5.0	<5.0	<10	5.2 ^j	<100	<0.20	12,000	19,000	7.8	<5.0	<0.094	-70.30	-8.57								
DM-1	6/2/2016	Low Flow	4,700	1,800	7.8	230	<0.10	3,800	18	<0.40	57	<2.0	5.1	31	<1.0	1.9 ^j	<1.0	<1.0	0.99 ^j	1.1 ^j	3.3	2.5 ^j	<0.20	11,000	20,000	7.9	<4.7	<0.094	-69.87	-8.83								
DM-1	11/30/2016	Low Flow	5,200	2,000	<5.5	230	<0.010	3,700	23	<0.040	59	<20	6.7 ^j	31	<10	<20	<10	<10	<10	<10	13 ^j	<200	<0.20	11,000	17,000	7.8	<4.7	<0.093	-70.70	-8.68								
DM-1	6/1/2017	Low Flow	4,600	1,900	4.2 ^j	250	<0.10	4,100	21	<1.0	62	<10	4.8 ^j	28	<5.0	5.9 ^j	<5.0	<5.0	<5.0	7.6 ^j	6.9 ^j	<100	<0.20	11,000	16,000	7.9	<5.1	<0.094	-70.30	-8.57								
DM-1	12/5/2017	Low Flow	7,130	2,770	12.8	230	0.025	1,100	30	<1.0	59	<1.0	6.2	28	<2.5	3.1	<2.5	<2.5	-	<2.5	5.1	6.6	<0.50	10,000	17,200	7.8	<5.0	<0.10	-69.14	-8.90								
DM-1	5/30/2018	Low Flow	5,190	2,030	14.7	270	0.096 ^j	5,200	63	0.78 ^j	64	<0.50	5.0	30	<0.50	<5.0	<0.50	<5.0	-	<5.0	5.9	9.5	<0.50	11,000	17,300	7.9	<5.0	<0.10	-71.10	-8.57								
DM-1	12/4/2018	Low Flow	8,180	3,280	9.00	260	<0.5	4,800	33	<20	68	<10	10	31	<10	<10	<10	<10	-	<10	<10	<10	<0.50	11,000	17,400	7.7	<5.0	<0.10	-70.10	-8.55								
DM-1	6/14/2019	Low Flow	5,040	1,930	8.76	280	0.006	4,800	65	0.35	63	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	<0.50	9,600	17,700	7.2	<5.0	<0.10	-70.40	-8.58									
DM-1	12/5/2019	Low Flow	7,460	2,150 ^j	16.3	250	0.004 ^j	4,200	32	<0.20	67	<5.0	0.80 ^j	32	<5.0	2.1 ^j	<5.0	<5.0	-	<5.0	0.80 ^j	47	<0.50	11,000	17,600	7.7	<5.0	<0.10	-70.10	-8.55								
DM-1	6/4/2020	Low Flow	5,500	2,090	8.04	220	0.007	4,300	24	<0.20	53	<5.0	<5.0	33	<5.0	<5.0	<5.0	<5.0	-	<5.0	13	16	<0.50	12,000	17,800	7.3	<5.0	<0.096	-70.30	-8.57								
DM-1	12/3/2020	Low Flow	5,530	2,150	8.50	230	<0.005	9,500	35	<0.20	49	<5.0	<5.0	35	<5.0	<5.0	<5.0	<5.0	-	<5.0	0.87	<0.50	<0.50	12,000	18,000	7.9	<5.0	<0.11	-70.20	-8.57								
DM-1	6/3/2021	Low Flow	5,520	2,050	8.28	220	<0.50	3,800	<50	<20	57	<10	<10	31	<10	<10	<10	<10	-	<10	17	<10	<0.50	8,100	17,800	7.7	<5.0	<0.095	-70.80	-8.62								
DM-1	12/2/2021	Low Flow	5,360	1,930	8.59	230	<0.50	4,200	<50	<20	58	<10	<10	29	<10	<10	<10	<10	-	<10	16	<10	<1.0	14,000	17,800	7.8	<5.0	<0.099	-70.10	-8.58								
DM-1	6/2/2022	Low Flow	5,530	2,070	8.70	240	<2.5	4,500	<250	<100	69	<50	<50	<50	<50	<50	<50	<50	-	<50	52	<50	<1.0	9,300	17,800	7.8	<5.0	<0.095	-70.20	-8.62								
DM-1	12/1/2022	Low Flow	5,130	1,960	7.36	230	<0.005	4,500	58	<0.20	61	<																										

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS
Genesis Solar Energy Project

			Chloride (mg/L)	Sulfate (SO4) (mg/L)	Nitrate (NO3)-N (mg/L)	Calcium (mg/L)	Copper (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Cadmium (µg/L)	Chromium (All Species) (µg/L)	Cobalt (µg/L)	Lead (µg/L)	Manganese (µg/L)	Nickel (µg/L)	Selenium (µg/L)	Zinc (µg/L)	Mercury (µg/L)	Total Dissolved Solids (mg/L)	Specific Conductance (µS/cm)	pH (standard Units)	Oil & Grease / HEM (mg/L)	HTF [†] (mg/L)	Deuterium (% relative to VSMOW)	Oxygen-18 (% relative to VSMOW)				
Well ID	Date Sampled	Sampling Method	EPA Method 300.0			EPA Method 200.7						EPA Method 200.8															SM7470A	SM2540C	SM2510B	SM4500H	SM1664A	8015B	Isotope Geochemistry	
DM-3	6/12/2015	Low Flow	4,400	1,900	<5.5	220	<0.10	3,600	18	<0.40	50	<10	14	17	<5.0	<10	<5.0	<5.0	<5.0	<5.0	4.5 ^j	<10	<100	<0.20	9,800	18,000	7.8	<4.9	<0.10	-69.60	-8.90			
DM-3	12/11/2015	Low Flow	5,100	2,200	<5.5	250	0.0057 ^j	3,500	19	<0.040	51	<10	17	21	<5.0	<10	<5.0	<5.0	<5.0	<10	3.1 ^j	<100	<0.20	11,000	18,000	7.8	<5.0	<0.094	-70.60	-8.73				
DM-3	6/3/2016	Low Flow	4,700	1,900	7.1	220	<0.10	3,700	17	<0.40	53	<2.0	14	16	<1.0	0.66 ^j	<1.0	<1.0	0.64 ^j	0.88 ^j	1.0 ^j	5.1 ^j	<0.20	11,000	20,000	7.9	<4.7	<0.093	-69.29	-8.75				
DM-3	12/2/2016	Low Flow	4,900	2,100	<5.5	240	0.0052 ^j	4,100	23	<0.040	56	<10	16	18	<5.0	<10	<5.0	<5.0	<5.0	<10	5.6 ^j	<100	<0.20	11,000	17,000	7.8	<4.8	<0.097	-72.20	-8.75				
DM-3	6/1/2017	Low Flow	4,800	2,000	<5.5	240	<0.10	3,900	19	<1.0	55	<10	15	18	<5.0	<10	<5.0	<5.0	<5.0	3.9 ^j	2.7 ^j	<100	<0.20	11,000	16,000	7.9	<5.1	<0.095	-70.80	-8.71				
DM-3	12/5/2017	Low Flow	4,880	2,020	2.77	230	0.027	1,200	31	0.073 ^j	59	<2.5	15	15	<2.5	<2.5	<2.5	<2.5	-	<2.5	<2.5	5.6	<0.50	13,000	17,000	7.8	<5.0	<0.10	-69.57	-8.87				
DM-3	5/30/2018	Low Flow	6,350	2,600	10.7	260	0.11 ^j	4,100	61	<10	61	<0.50	14	15	<0.50	<5.0	<0.50	<0.50	-	<0.50	<5.0	<5.0	<0.50	12,000	17,100	7.9	<5.0	<0.11	-70.60	-8.67				
DM-3	12/4/2018	Low Flow	6,770	2,840	2.50	280	<0.5	5,200	33	<20	69	<10	20	34	<10	<10	<10	<10	-	<10	<10	<10	<0.50	9,700	17,100	7.8	<5.0	<0.10	-70.60	-8.67				
DM-3	6/14/2019	Low Flow	4,880	1,960	2.87	270	0.009	4,900	60	<0.20	59	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	-	<0.50	9,300	16,800	7.5	<5.0	<0.10	-70.80	-8.69				
DM-3	12/6/2019	Low Flow	9,760	4,350	3.52	240	0.006	4,100	31	<0.20	58	<5.0	11	18	<5.0	0.90 ^j	<5.0	<5.0	-	<5.0	0.40 ^j	51	<0.50	11,000	17,800	7.7	<5.0	<0.10	-70.50	-8.64				
DM-3	6/5/2020	Low Flow	5,250	2,080	2.44	230	0.007	4,000	35	<0.20	48	<5.0	16	17	<5.0	<5.0	<5.0	<5.0	-	<5.0	6.4	13	<0.50	11,000	17,400	7.5	<5.0	<0.097	-70.70	-8.65				
DM-3	12/3/2020	Low Flow	5,420	2,300	2.47	220	<0.005	9,100	29	<0.20	45	<5.0	<5.0	20	<5.0	<5.0	<5.0	<5.0	-	<5.0	0.68	0.55	<0.50	10,000	17,000	7.9	<5.0	<0.11	-70.90	-8.71				
DM-3	6/3/2021	Low Flow	5,380	2,130	2.44	190	<0.50	3,500	<50	<20	48	<10	17	18	<10	<10	<10	<10	-	<10	20	10	<0.50	7,700	17,400	7.7	<5.0	<0.093	-70.40	-8.69				
DM-3	12/2/2021	Low Flow	5,230	2,020	3.06	220	<0.50	4,000	<50	<20	53	<10	26	17	<10	<10	<10	<10	-	<10	11	<10	<1.0	12,000	17,400	7.8	<5.0	<0.094	-70.60	-8.69				
DM-3	6/2/2022	Low Flow	5,570	2,110	2.82	240	<2.5	4,500	<250	<100	59	<50	<50	<50	<50	<50	<50	<50	-	<50	55	50	<1.0	8,500	17,400	7.8	<5.0	<0.090	-70.50	-8.71				
DM-3	12/1/2022	Low Flow	5,300	2,110	3.11	210	<0.005	4,400	55	<0.20	56	<25	<25	<25	<25	<25	<25	<25	-	<25	<25	<25	<1.0	9,900	17,600	7.8	<5.0	<0.099	-70.50	-8.71				
DM-3	6/8/2023	Low Flow	5,230	2,100	2.61	240	<0.50	4,200	<50	<20	66	<10	16	17	<10	<10	<10	<10	-	<10	<10	<10	<1.0	9,800	17,600	7.7	<5.0	<0.099	-71.10	-8.76				
DM-3	12/7/2023	Low Flow	5,300	1,940	2.65	220	<0.50	4,100	<50	<20	60	<25	<25	<25	<25	<25	<25	<25	-	<25	<25	<25	<1.0	10,000	18,100	8.0	<5.0	<0.099	-71.50	-8.76				
DM-3	6/6/2024	Low Flow	4,650	2,060	3.01	220	<0.50	4,100	<50	<20	59	<5.0	17	15	<5.0	<5.0	<5.0	<5.0	-	<5.0	5.6	6.2	<1.0	9,900	18,200	8.0	<5.0	<0.100	-70.40	-8.67				
DM-3	12/5/2024	Low Flow	5,320	1,980	2.62	220	<0.50	4,100	<50	<20	59	<25	<25	<25	<25	<25	<25	<25	-	<25	<25	<25	<1.0	10,000	17,700	8.0	<5.0	<0.095	-71.20	-8.83				
DM-3	6/3/2025	Low Flow	5,210	2,070	2.21	260	<0.50	4,200	<50	<20	50	<10	16	17	<10	<10	<10	<10	-	<10	11	<10	<1.0	12,000	17,900	7.7	<5.0	<0.096	-71.40	-8.76				
DM-3	12/5/2025	Low Flow	3,860	1,440	2.26	230	<0.50	3,800	<50	<20	54	<20	<20	<20	<20	<20	<20	<20	-	<20	20	<20	<1.0	11,000	17,400	7.8	<5.0	<0.093	-70.40	-8.80				
DM-3	6/11/2026	Low Flow	5,210	2,140	2.19	280	<0.50	4,500	<50	<20	65	<250	<250	<250	<250	<250	<250	<250	-	<250	<250	<250	<1.0	11,000	17,600	8.0	<5.0	<0.099	-70.70	-8.87				
PW-0	5/23/2012	Spigot	1,100	480	<0.55	66	<0.010	610	8.8	0.015	2.0	-	-	-	-	-	-	-	-	-	-	-	-	2,500	4,600	8.0	-	-	-78.90	-10.40				
PW-0	10/23/2012	Spigot	780	450	<0.55	55	<0.010	530	7.9	0.015 ^j	2.1	-	-	-	-	-	-	-	-	-	-	-	-	2,100	3,400	8.0	-	-	-79.40	-10.40				
PW-0	12/4/2018	Spigot	2,100	698	<0.500	100	<0.5	1,100	25	<20	<10	<10	45	55	<10	<10	<10	<10	-	<10	<10	92	<0.50	2,600	6,170	7.9	<5.0	<0						

TABLE 4
SUMMARY OF LABORATORY ANALYTICAL RESULTS
Genesis Solar Energy Project

			Chloride (mg/L)	Sulfate (SO4) (mg/L)	Nitrate (NO3)-N (mg/L)	Calcium (mg/L)	Copper (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Cadmium (µg/L)	Chromium (All Species) (µg/L)	Cobalt (µg/L)	Lead (µg/L)	Manganese (µg/L)	Nickel (µg/L)	Selenium (µg/L)	Zinc (µg/L)	Mercury (µg/L)	Total Dissolved Solids (mg/L)	Specific Conductance (µS/cm)	pH (standard Units)	Oil & Grease / HEM (mg/L)	HTF [†] (mg/L)	Deuterium (‰ relative to VSMOW)	Oxygen-18 (‰ relative to VSMOW)			
Well ID	Date Sampled	Sampling Method	EPA Method 300.0			EPA Method 200.7						EPA Method 200.8														SM7470A	SM2540C	SM2510B	SM4500H	SM1664A	8015B	Isotope Geochemistry	
PW-2	6/1/2018	Spigot	865	449	<2.50	51	0.099 ^j	1000	9.8	<10	4.1 ^j	<0.50	19	14	<0.50	<0.50	<0.50	<0.50	-	<0.50	<5.0	<5.0	<0.50	<0.50	2,000	3,620	8.5	<5.00	<0.11	-77.70	-10.22		
PW-2	6/1/2018 ¹	Spigot	857	445	<2.50	54	0.11 ^j	1100	10	<10	4.2 ^j	<0.50	12	7.3	<0.50	<0.50	<0.50	<0.50	-	<0.50	<5.0	<5.0	<0.50	<0.50	2,000	3,630	8.2	<5.00	<0.11	-78.20	-10.26		
PW-2	12/4/2018	Spigot	895	454	<0.500	55	<0.5	690	11	<20	<10	<10	34	41	<10	<10	<10	<10	-	<10	<10	<10	<0.50	1,900	3,580	8.1	<5.00	<0.11	-77.90	-10.24			
PW-2	12/4/2018 ¹	Spigot	998	454	<0.500	72	<0.5	950	12	<20	<10	<10	33	44	<10	<10	<10	<10	-	<10	<10	<10	<0.50	1,800	3,580	8.1	15.4	<0.10	-77.80	-10.24			
PW-2	6/13/2019	Spigot	860	431	<0.500	62	<0.005	780	13	<0.20	5.0	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	-	<0.50	2,300	3,600	7.4	<5.00	<0.11	-78.20	-10.26			
PW-2	6/13/2019 ¹	Spigot	820	436	<0.500	64	<0.005	800	13	<0.20	5.2	<10	<10	<10	<10	<10	<10	<10	-	<10	<10	-	<0.50	2,600	3,630	7.9	<5.00	<0.11	-78.20	-10.25			
PW-2	12/5/2019	Spigot	1,300	515	<0.500	52	0.003 ^j	800	6.5	0.039 ^j	4.7	<5.0	25	43	<5.0	1.2 ^j	<5.0	<5.0	-	<5.0	<5.0	50	<0.50	2,100	3,610	8.1	<5.00	<0.10	-77.80	-10.22			
PW-2	12/5/2019 ¹	Spigot	1,370	584	<0.500	52	0.002 ^j	820	7.9	0.150 ^j	4.5	<5.0	26	42	<5.0	0.30 ^j	<5.0	<5.0	-	<5.0	<5.0	46	<0.50	1,600	3,600	8.1	<5.00	<0.10	-78.30	-10.22			
PW-2	6/4/2020	Spigot	864	<500	<0.500	49	<0.005	710	6.4	<0.20	4.1	<5.0	34	41	<5.0	<5.0	<5.0	<5.0	-	<5.0	<5.0	11	<0.50	2,100	3,610	8.1	<5.00	<0.10	-78.00	-10.22			
PW-2	6/4/2020 ¹	Spigot	876	<500	<0.500	48	0.006	700	6.3	<0.20	4.0	<5.0	34	44	<5.0	<5.0	<5.0	<5.0	-	<5.0	6.7	64	<0.50	2,000	3,610	7.9	<5.00	<0.097	-78.60	-10.27			
PW-2	12/3/2020	Spigot	1,010	436	<0.500	47	<0.005	1,200	6.4	<0.20	3.8	<5.0	<5.0	52	<5.0	<5.0	<5.0	<5.0	-	<5.0	<0.50	<0.50	<0.50	1,900	3,700	8.3	<5.00	<0.097	-78.30	-10.30			
PW-2	12/3/2020 ¹	Spigot	920	431	<0.500	46	<0.005	2,000	6.3	<0.20	3.9	<5.0	<5.0	53	<5.0	<5.0	<5.0	<5.0	-	<5.0	<0.50	0.66	<0.50	1,900	3,700	8.3	<5.00	<0.11	-78.80	-10.31			
PW-2	6/4/2021	Spigot	893	452	<0.500	42	<0.50	730	<50	<20	<10	<10	32	43	<10	<10	<10	<10	-	<10	19	<10	<0.50	2,100	3,630	8.1	<5.00	<0.094	-77.70	-10.24			
PW-2	6/4/2021 ¹	Spigot	901	457	<0.500	42	<0.50	720	<50	<20	<10	<10	38	47	<10	<10	<10	<10	-	<10	15	<10	<0.50	1,900	3,620	8.1	<5.00	<0.094	-77.60	-10.22			
PW-2	12/2/2021	Spigot	886	444	<0.500	52	<0.50	800	<50	<20	<10	<0.50	36	47	<0.50	<0.50	<0.50	<0.50	-	0.70	0.75	2.1	<1.0	1,300	3,630	8.2	<5.00	<0.100	-77.60	-10.22			
PW-2	12/2/2021 ¹	Spigot	891	448	<0.500	51	<0.50	800	<50	<20	<10	<0.50	38	46	<0.50	<0.50	<0.50	<0.50	-	0.64	0.78	1.2	<1.0	2,100	3,640	8.0	<5.00	<0.098	-77.80	-10.24			
PW-2	6/2/2022	Spigot	944	438	<0.500	<50	<2.5	630	<250	<100	<50	<50	<50	<50	<50	<50	<50	<50	-	<50	<50	<50	<1.0	2,000	3,680	8.1	<5.00	<0.093	-77.80	-10.30			
PW-2	6/2/2022 ¹	Spigot	953	444	<0.500	<50	<2.5	670	<250	<100	<50	<50	<50	<50	<50	<50	<50	<50	-	<50	<50	<50	<1.0	4,000	3,730	8.2	<5.00	<0.092	-77.70	-10.27			
PW-2	12/1/2022	Spigot	892	426	<0.500	52	<0.005	820	11	<0.20	4.5	<25	<25	43	<25	<25	<25	<25	-	<25	<25	<25	<1.0	5,200	3,910	8.2	<5.00	<0.095	-77.90	-10.28			
PW-2	12/1/2022 ¹	Spigot	886	424	<0.500	52	<0.005	800	12	<0.20	4.6	<25	32	42	<25	<25	<25	<25	-	<25	<25	<25	<1.0	2,000	3,920	8.1	<5.00	<0.097	-77.70	-10.25			
PW-2	6/8/2023	Spigot	802	421	<0.500	62	<0.50	740	<50	<20	<10	<10	28	43	<10	<10	<10	<10	-	<10	<10	<10	<1.0	1,800	3,640	8.2	<5.00	<0.099	-78.60	-10.37			
PW-2	6/8/2023 ¹	Spigot	808	423	<0.500	61	<0.50	700	<50	<20	<10	<10	32	43	<10	<10	<10	<10	-	<10	<10	<10	<1.0	1,800	3,630	7.9	<5.00	<0.100	-78.40	-10.32			
PW-2	12/7/2023	Spigot	769	526	<0.500	<50	<0.50	750	<50	<20	<10	<25	31	40	<25	<25	<25	<25	-	<25	<25	<25	<1.0	2,100	3,730	7.7	<5.00	<0.099	-77.50	-10.23			
PW-2	12/7/2023 ¹	Spigot	765	526	0.879	<50	<0.50	740	<50	<20	<10	<25	26	40	<25	<25	<25	<25	-	<25	<25	<25	<1.0	2,100	3,740	7.9	<5.00	<0.098	-77.50	-10.24			
PW-2	6/6/2024	Spigot	775	414	<0.500	54	<0.50	810	<50	<20	<10	<5.0	27	39	<5.0	<5.0	<5.0	<5.0	-	<5.0	<5.0	<5.0	<1.0	2,100	3,780	8.1	<5.00	<0.089	-77.60	-10.26			
PW-2	6/6/2024 ¹	Spigot	790	422	<0.500	57	<0.50	820	<50	<20	<10	<5.0	30	38	<5.0	<5.0	<5.0	<5.0	-	<5.0	<5.0	6.0	<1.0	2,200	3,790	8.3	<5.00	<0.100	-77.50	-10.20			
PW-2	12/5/2024	Spigot	766	<500	<0.500	51	<0.50	740	<50	<20	<10	<25	<25	39	<25	<25	<25	<25	-	<25	<25	<25	<1.0	2,300	3,630	8.0	<5.00	<0.099	-78.00	-10.43			
PW-2	12/5/2024 ¹	Spigot	802	<500	<0.500	74	<0.50	750	<50	<20	<10	<25	26.0	40	<25	<25	<25	<25	-	<25	<25	<25	<1.0	1,800	3,590	8.2	<5.00	<0.100	-77.90	-10.30			
PW-2	6/3/2025	Spigot	887	433	<0.500	60	<0.50	850	<50	<20	<10	<10	27	45	<10	<10	<10	<10	-	<10	<10	21	<1.0	2,100	3,850	8.3	<5.00	<0.095	-78.50	-10.33			
PW-2	6/3/2025 ¹	Spigot	885	432	<0.500	59	<0.50	850	<50	<20	<10	<10	30	45	<10	<10	<10	<10	-	<10	<10	<10	<1.0	2,200	3,850	8.2	<5.00	<0.096	-78.60	-10.41			
PW-2	12/5/2025	Spigot	865	473	<0.500	59	<0.50	790	<50	<20	<10	<20	32	40	<20	<20	<20	<20	-	<20	<20	<20	<1.0	2,200	3,670	8.2	<5.00	<0.099	-78.00	-10.44			
PW-2	12/5/2025 ¹	Spigot	866	472	<0.500	53	<0.50	700	<50	<20	<10	<20	33	37	<20	<20	<20	<20	-	<20	<20	<20	<1.0	2,200	3,680	8.2	<5.00	<0.093	-78.60	-10.38			
PW-2	6/11/2026	Spigot	728	451	<0.500	55	<0.50	710	<50	<20	<10	<250	<250	<250	<250	<250	<250	<250	-	<250	<250	340	<1.0	2,000	3,340	8.3	<5.00	<0.099	-78.10	-10.36			
PW-2	6/11/2026 ¹	Spigot	726	446	<0.500	55	<0.50	730	<50	<20	<10	<250	<250	<250	<250	<250	<250	<250	-	<250	<250	<250	<1.0	1,900	3,320	8.3	<5.00	<0.098	-77.90	-10.29			

NOTES:
mg/L = milligrams per liter
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter
‰ = parts per thousand
VSMOW = Vienna Standard Mean Ocean Water
< = not detected at or above the indicated reporting limit
- = information is unknown / not applicable / not analyzed
B - Compound was detected in the laboratory equipment blank.
J - Result is less than the reporting limit but greater than or equal to the method detection limit, thus the concentration is an approximate value.
† - Heat Transfer Fluid (HTF) is characterized by the analytes 1,1'-oxybis-benzene and 1,1'-biphenyl.
1 - Duplicate sample

TABLE 5
HISTORICAL ANALYTICAL DATA FOR OFFSITE WELLS WITHIN MONITORING AREA
Genesis Solar Energy Project, Riverside, California

Well ID	Date Sampled	Data Source	Sample Depth (ft amsl)	Fluoride (mg/L)	Chloride (mg/L)	Sulfate (SO4) (mg/L)	Sodium (mg/L)	Silica (Total) (mg/L)	Potassium (mg/L)	Magnesium (mg/L)	Calcium (mg/L)	Total Hardness (as CaCO3) (mg/L)	Total Dissolved Solids (mg/L)
1	5/19/1961	DWR, 1963	--	--	656	--	--	--	--	--	--	--	1,760
3	4/20/2009	Azca Drilling and Pump	560 to 940	--	--	--	--	--	--	--	--	--	910
3	9/3/2009	WorleyParsons	560 to 940	--	--	--	--	--	--	--	--	--	970
5	10/10/1961	DWR, 1963	? to 85.7	--	1,770	--	--	--	--	--	--	--	5,730
14	6/25/1991	DWR Well Records	890 to 940	--	--	--	--	--	--	--	--	--	2,400
14	7/29/2009	WorleyParsons	--	--	3,400	--	--	--	--	--	--	--	6,600
15	9/16/2009	WorleyParsons	200.0	--	--	--	--	--	--	--	--	--	19,000
15	9/16/2009	WorleyParsons	500.0	--	--	--	--	--	--	--	--	--	26,000
16	9/16/2009	WorleyParsons	247.00	--	--	--	--	--	--	--	--	--	3,100
17	1959	DWR, 1963	1,175 to 1,200	--	986	--	--	--	--	--	--	--	2,150
17	9/17/2009	WorleyParsons	247	--	--	--	--	--	--	--	--	--	20,000
21	10/17/1917	DWR, 1963	--	--	865	--	--	--	--	--	--	--	3,820
23	4/19/1979	NWIS	--	6.3	950	450	800	38	16	0.6	67	170	2,350
26	9/16/2009	WorleyParsons	760.00	--	--	--	--	--	--	--	--	--	1,100
27	10/10/1961	DWR, 1963	? to 486.4	--	718	--	--	--	--	--	--	--	2,210
28	10/10/1961	DWR, 1963	? to 779.4	--	273	--	--	--	--	--	--	--	1,470
29	9/16/2009	WorleyParsons	720	--	--	--	--	--	--	--	--	--	1,100
31	10/10/1961	DWR, 1963	? to 242.2	--	734	--	--	--	--	--	--	--	2,560
32	10/10/1961	DWR, 1963	? to 315.7	--	3,250	--	--	--	--	--	--	--	8,150
37	6/4/1990	Engineering Science, 1990	750 to 1,050	--	214	--	--	--	--	--	--	--	752
38	6/20/1986	Woodward-Clyde Consultants	275 to 815	--	519	--	--	--	--	--	--	--	1,313
38	6/20/1986	Woodward-Clyde Consultants	835 to 1,015	--	267	--	--	--	--	--	--	--	719
39	6/12/1961	DWR, 1963	853 to 1,083	--	216	--	--	--	--	--	--	--	--
39	1/1986	CH2M Hill and Boyle Eng.	853 to 1,083	--	--	--	--	--	--	--	--	--	786
42	8/24/1983	Woodward-Clyde Consultants	738 to 1,100	--	199	--	--	--	--	--	--	--	--
42	5/1/1988	CH2M Hill and Boyle Eng.	738 to 1,100	--	--	--	--	--	--	--	--	--	765
43	1/1986	Kennedy/Jenks/Chilton, 1986	510 to 780	--	460	--	--	--	--	--	--	--	1,150
47	1/4/1984	Woodward-Clyde Consultants	490	--	550	--	--	--	--	--	--	--	1,380
47	1/5/1984	Woodward-Clyde Consultants	590	--	586	--	--	--	--	--	--	--	1,350
47	2/7/1984	Woodward-Clyde Consultants	850	--	570	--	--	--	--	--	--	--	2,090
47	1/1986	Kennedy/Jenks/Chilton, 1986	500 to 850	--	520	--	--	--	--	--	--	--	1,740
50	1959	DWR, 1963	? to 818	--	131	--	--	--	--	--	--	--	--

NOTES:

amsl = above mean sea level

mg/L = milligrams per liter

-- = Information not available or not applicable

SOURCES:

CH2M Hill and Boyle Engineering, 1995. Technical Memorandum, Water Treatment Plant Evaluation - Phase I. Dated March 30, 1995

DWR, 1963. Data on Water Wells and Springs in the Chuckwalla Valley Area. DWR Bulletin 91-7

Kennedy/Jenks/Chilton, 1986. Final Report Sampling and Analysis in the Wiley's Well Area. Dated March 19, 1986

NWIS = National Water Information System

Woodward-Clyde Consultants, 1986. Final Report, Groundwater Quality Investigation, Wiley's Well Area. Dated March 13, 1986

TABLE 6
2026 FIRST SEMIANNUAL MANN-KENDALL STATISTICAL ANALYSIS
Genesis Solar Energy Project

Well ID	Analyte	Minimum	Maximum	Mean	Mann-Kendall at 95% Confidence Interval			
					Mann-Kendall Test Value (S)	Trend Direction	p-Value	Significant Trend?
TW-1	Chloride	3,510	7,300	4,755	103	Increasing	0.098	No
TW-1	Sulfate	1,130	2,490	1,612	144	Increasing	0.020	Yes
TW-1	Nitrate	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-1	Calcium	58	220	108	104	Increasing	0.080	No
TW-1	Copper	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-1	Sodium	1,000	9,300	3,828	148	Increasing	0.017	Yes
TW-1	Potassium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-1	Iron	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-1	Magnesium	3.40	46	18	-13	Decreasing	0.812	No
TW-1	Antimony	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-1	Arsenic	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-1	Barium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-1	Cadmium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-1	Chromium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-1	Cobalt	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-1	Lead	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-1	Manganese	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-1	Nickel	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-1	Selenium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-1	Zinc	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-1	Mercury	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-1	TDS	6,400	12,000	8,966	-9	Decreasing	0.897	No
TW-1	Conductivity	12,000	20,000	15,944	50	Increasing	0.425	No
TW-2	Chloride	850	2,750	1,584	130	Increasing	0.028	Yes
TW-2	Sulfate	315	686	462	-51	Decreasing	0.321	No
TW-2	Nitrate	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-2	Calcium	64	120	87	26	Increasing	0.670	No
TW-2	Copper	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	Sodium	70	1,300	1,053	221	Increasing	0.000	Yes
TW-2	Potassium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-2	Iron	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	Magnesium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-2	Antimony	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	Arsenic	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	Barium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-2	Cadmium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	Chromium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	Cobalt	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	Lead	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	Manganese	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	Nickel	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	Selenium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	

TABLE 6
2026 FIRST SEMIANNUAL MANN-KENDALL STATISTICAL ANALYSIS
Genesis Solar Energy Project

Well ID	Analyte	Minimum	Maximum	Mean	Mann-Kendall at 95% Confidence Interval			
					Mann-Kendall Test Value (S)	Trend Direction	p-Value	Significant Trend?
TW-2	Zinc	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
TW-2	Mercury	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
TW-2	TDS	2,500	6,400	3,219	-51	Decreasing	0.392	No
TW-2	Conductivity	4,100	6,200	5,692	147	Increasing	0.013	Yes
OBS-1	Chloride	5,200	9,710	6,311	-73	Decreasing	0.199	No
OBS-1	Sulfate	4,800	9,400	5,961	-98	Decreasing	0.083	No
OBS-1	Nitrate	0.78	12.4	5.22	-15	Decreasing	0.712	No
OBS-1	Calcium	290	480	346	-114	Decreasing	0.041	Yes
OBS-1	Copper	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
OBS-1	Sodium	2,200	12,000	6,243	66	Increasing	0.245	No
OBS-1	Potassium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
OBS-1	Iron	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
OBS-1	Magnesium	68	140	90	91	Increasing	0.108	No
OBS-1	Antimony	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
OBS-1	Arsenic	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
OBS-1	Barium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
OBS-1	Cadmium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
OBS-1	Chromium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
OBS-1	Cobalt	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
OBS-1	Lead	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
OBS-1	Manganese	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
OBS-1	Nickel	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
OBS-1	Selenium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
OBS-1	Zinc	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
OBS-1	Mercury	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
OBS-1	TDS	11,000	21,000	17,067	-142	Decreasing	0.009	Yes
OBS-1	Conductivity	21,000	36,000	26,263	-7	Decreasing	0.915	No
Well 23a	Chloride	407	667	485	-78	Decreasing	0.108	No
Well 23a	Sulfate	370	490	409	-72	Decreasing	0.117	No
Well 23a	Nitrate	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
Well 23a	Calcium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
Well 23a	Copper	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
Well 23a	Sodium	420	760	585	169	Increasing	0.000	Yes
Well 23a	Potassium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
Well 23a	Iron	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
Well 23a	Magnesium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
Well 23a	Antimony	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
Well 23a	Arsenic	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
Well 23a	Barium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
Well 23a	Cadmium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
Well 23a	Chromium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	

TABLE 6
2026 FIRST SEMIANNUAL MANN-KENDALL STATISTICAL ANALYSIS
Genesis Solar Energy Project

Well ID	Analyte	Minimum	Maximum	Mean	Mann-Kendall at 95% Confidence Interval			
					Mann-Kendall Test Value (S)	Trend Direction	p-Value	Significant Trend?
Well 23a	Cobalt	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
Well 23a	Lead	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
Well 23a	Manganese	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
Well 23a	Nickel	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
Well 23a	Selenium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
Well 23a	Zinc	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
Well 23a	Mercury	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
Well 23a	TDS	930	5,700	1,612	-42	Decreasing	0.379	No
Well 23a	Conductivity	2,400	3,100	2,683	64	Increasing	0.188	No
DM-1	Chloride	4,600	8,180	5,459	58	Increasing	0.234	No
DM-1	Sulfate	1,700	3,280	2,074	-16	Decreasing	0.740	No
DM-1	Nitrate	2.9	16.3	8.55	-33	Decreasing	0.334	No
DM-1	Calcium	210	290	241	20	Increasing	0.683	No
DM-1	Copper	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-1	Sodium	1,100	9,500	4,219	126	Increasing	0.009	Yes
DM-1	Potassium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-1	Iron	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-1	Magnesium	49	72	60	138	Increasing	0.004	Yes
DM-1	Antimony	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-1	Arsenic	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-1	Barium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-1	Cadmium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-1	Chromium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-1	Cobalt	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-1	Lead	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-1	Manganese	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-1	Nickel	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-1	Selenium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-1	Zinc	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-1	Mercury	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-1	TDS	8,100	14,000	10,852	-40	Decreasing	0.376	No
DM-1	Conductivity	16,000	20,000	17,948	60	Increasing	0.215	No
DM-2	Chloride	3,610	7,680	5,256	91	Increasing	0.060	No
DM-2	Sulfate	1,330	2,340	2,037	34	Increasing	0.465	No
DM-2	Nitrate	2.90	21.2	10.2	5	Increasing	0.904	No
DM-2	Calcium	230	470	282	-109	Decreasing	0.004	Yes
DM-2	Copper	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Sodium	1,400	11,000	4,270	137	Increasing	0.004	Yes
DM-2	Potassium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-2	Iron	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Magnesium	51	85	62	164	Increasing	0.001	Yes

TABLE 6
2026 FIRST SEMIANNUAL MANN-KENDALL STATISTICAL ANALYSIS
Genesis Solar Energy Project

Well ID	Analyte	Minimum	Maximum	Mean	Mann-Kendall at 95% Confidence Interval			
					Mann-Kendall Test Value (S)	Trend Direction	p-Value	Significant Trend?
DM-2	Antimony	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Arsenic	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Barium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-2	Cadmium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Chromium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Cobalt	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Lead	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Manganese	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Nickel	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Selenium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-2	Zinc	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	Mercury	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-2	TDS	6,800	13,000	10,474	-9	Decreasing	0.866	No
DM-2	Conductivity	13,000	22,000	17,722	173	Increasing	0.000	Yes
DM-3	Chloride	3,860	9,760	5,314	37	Increasing	0.452	No
DM-3	Sulfate	1,440	4,350	2,161	11	Increasing	0.834	No
DM-3	Nitrate	2.19	10.7	3.33	-68	Decreasing	0.019	Yes
DM-3	Calcium	190	280	234	26	Increasing	0.594	No
DM-3	Copper	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-3	Sodium	1,200	9,100	4,093	139	Increasing	0.004	Yes
DM-3	Potassium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-3	Iron	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-3	Magnesium	45	69	56	86	Increasing	0.075	No
DM-3	Antimony	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-3	Arsenic	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-3	Barium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-3	Cadmium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-3	Chromium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-3	Cobalt	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-3	Lead	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-3	Manganese	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-3	Nickel	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-3	Selenium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-3	Zinc	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
DM-3	Mercury	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
DM-3	TDS	7,700	13,000	10,615	-51	Decreasing	0.278	No
DM-3	Conductivity	16,000	20,000	17,574	33	Increasing	0.501	No
PW-0	Chloride	780	3,220	1,773	-18	Decreasing	0.519	No
PW-0	Sulfate	450	944	581	19	Increasing	0.458	No
PW-0	Nitrate	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-0	Calcium	55	140	109	73	Increasing	0.005	Yes

TABLE 6
2026 FIRST SEMIANNUAL MANN-KENDALL STATISTICAL ANALYSIS
Genesis Solar Energy Project

Well ID	Analyte	Minimum	Maximum	Mean	Mann-Kendall at 95% Confidence Interval			
					Mann-Kendall Test Value (S)	Trend Direction	p-Value	Significant Trend?
PW-0	Copper	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-0	Sodium	530	2,300	1,336	61	Increasing	0.018	Yes
PW-0	Potassium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-0	Iron	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-0	Magnesium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-0	Antimony	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-0	Arsenic	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-0	Barium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-0	Cadmium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-0	Chromium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-0	Cobalt	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-0	Lead	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-0	Manganese	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-0	Nickel	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-0	Selenium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-0	Zinc	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-0	Mercury	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-0	TDS	2,100	3,900	3,172	93	Increasing	0.000	Yes
PW-0	Conductivity	3,400	6,690	6,161	108	Increasing	0.000	Yes
PW-1	Chloride	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Sulfate	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Nitrate	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Calcium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Copper	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Sodium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Potassium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Iron	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Magnesium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Antimony	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Arsenic	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Barium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Cadmium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Chromium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Cobalt	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Lead	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Manganese	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Nickel	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Selenium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Zinc	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	Mercury	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-1	TDS	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	

TABLE 6
2026 FIRST SEMIANNUAL MANN-KENDALL STATISTICAL ANALYSIS
Genesis Solar Energy Project

Well ID	Analyte	Minimum	Maximum	Mean	Mann-Kendall at 95% Confidence Interval			
					Mann-Kendall Test Value (S)	Trend Direction	p-Value	Significant Trend?
PW-1	Conductivity	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Chloride	570	1,370	866	-17	Decreasing	0.752	No
PW-2	Sulfate	290	584	446	16	Increasing	0.741	No
PW-2	Nitrate	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Calcium	42	74	55	49	Increasing	0.289	No
PW-2	Copper	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Sodium	410	1,200	764	104	Increasing	0.041	Yes
PW-2	Potassium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-2	Iron	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Magnesium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-2	Antimony	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Arsenic	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-2	Barium	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	N/A ¹	
PW-2	Cadmium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Chromium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Cobalt	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Lead	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Manganese	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Nickel	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Selenium	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	Zinc	1.20	340	62	5	Increasing	0.548	No
PW-2	Mercury	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	N/A ²	
PW-2	TDS	1,800	5,200	2,229	-44	Decreasing	0.381	No
PW-2	Conductivity	2,900	4,100	3,705	-54	Decreasing	0.293	No

Notes:

N/A ¹ Not Applicable - No new data for the reporting period

N/A ² Not Applicable - Not enough data to calculate trend

New max/min value

APPENDIX A

FIELD DATA SHEETS



GROUNDWATER LEVEL MEASUREMENT FORM

Date: 06/11/2026	Site: Genesis Solar Energy Project	Project No: 196-004-07
Project: Groundwater Monitoring Program		PM: AWB
Measurement Method/Device: Geotech Interface Probe		Technicians: AWB/RCD

Weather: Hot, clear

Well No.	Date	TOC Reference Elevation (ft)	Depth to Water (ft)	Corrected Water Level Elevation (ft)	Comments
TW-1	6/11/2026	387.40	87.40	300.00	Manual Measurement
TW-2	6/11/2026	393.47	124.95	268.52	Manual Measurement
OBS-1	6/11/2026	388.30	78.18	310.12	Manual Measurement
OBS-2-270	N/A	388.14	N/A	N/A	Buried Transducer Cable
OBS-2-315	N/A	388.14	N/A	N/A	Buried Transducer Cable
OBS-2-370	N/A	388.14	N/A	N/A	Buried Transducer Cable
OBS-2-400	N/A	388.14	N/A	N/A	Buried Transducer Cable
14	6/11/2026	388.14	99.57	288.57	Manual Measurement
23a	6/11/2026	392.10	134.57	257.53	Manual Measurement
24-1	6/11/2026	389.40	126.40	263.00	Manual Measurement
24-2	6/11/2026	388.86	124.08	264.78	Manual Measurement
24-3	6/11/2026	392.04	122.65	269.39	Manual Measurement
PW-0	6/11/2026	385.64	N/A	N/A	Manual Measurement
PW-1	6/11/2026	384.43	97.70	286.73	Manual Measurement
PW-2	6/11/2026	385.15	N/A	N/A	Manual Measurement
DM-1	6/11/2026	391.49	107.65	283.84	Manual Measurement
DM-2	6/11/2026	391.32	107.80	283.52	Manual Measurement
DM-3	6/11/2026	388.34	104.78	283.56	Manual Measurement

Additional Notes:



GROUNDWATER SAMPLING FIELD FORM

Date: 06/11/26	Site: Genesis Solar Energy Project	Project No: 196-004-07
Project: Groundwater Quality Monitoring Program		Project Manager: AWB
Technicians: AWB, RCD		Weather: Hot, clear
Sampling Method: Bailer Grab Sample		

Well No.	23a	Temp °C	pH	Conductivity (mS/cm)	Turbidity (NTUs)	ORP (mV)	DO (mg/L)
Casing Diameter (in.)	8.0	34.5	8.49	2.9	13.8	+103	3.27
Total Depth (ft btoc)	1,825						
Screen Interval (ft btoc)	1800 - 1825						
Depth to Water (ft btoc)	134.57						
Sample Date	6/11/2026						
Sample Time	11:20						

General Well Location: CalTrans Rest Stop at Wiley's Well Road (2 days notice to CalTrans required)

COMMENTS:

Well No.	OBS-1	Temp °C	pH	Conductivity (mS/cm)	Turbidity (NTUs)	ORP (mV)	DO (mg/L)
Casing Diameter (in.)	5.0	30.1	8.30	25.5	6.7	+76	6.05
Total Depth (ft btoc)	160						
Screen Interval (ft btoc)	100 - 150						
Depth to Water (ft btoc)	78.18						
Sample Date	6/11/2026						
Sample Time	10:17						

General Well Location: Approximately 1 mile west of property boundary; access via Ford Dry Lake service road

COMMENTS:

Well No.	TW-1	Temp °C	pH	Conductivity (mS/cm)	Turbidity (NTUs)	ORP (mV)	DO (mg/L)
Casing Diameter (in.)	5.0	31.3	10.83	19.3	146	-225	3.82
Total Depth (ft btoc)	565						
Screen Interval (ft btoc)	340 - 564						
Depth to Water (ft btoc)	87.40						
Sample Date	6/11/2026						
Sample Time	10:07						

General Well Location: Approximately 1 mile west of property boundary; access via Ford Dry Lake service road

COMMENTS:

Well No.	TW-2	Temp °C	pH	Conductivity (mS/cm)	Turbidity (NTUs)	ORP (mV)	DO (mg/L)
Casing Diameter (in.)	5.0	33.8	9.45	6.1	55	-242	4.07
Total Depth (ft btoc)	1,841						
Screen Interval (ft btoc)	Multiple						
Depth to Water (ft btoc)	124.95						
Sample Date	6/11/2026						
Sample Time	11:40						

General Well Location: NE corner of Section 32 (Township 7S, Range 20E); near bend in site access road

COMMENTS:



GROUNDWATER SAMPLING FIELD FORM

Date: 06/11/2026	Site: Genesis Solar Energy Project	Project No: 196-004-07
Project: Groundwater Quality Monitoring Program		Project Manager: AWB
Technicians: AWB, RCD		Weather: Hot, clear
Sampling Method: Production Well Effluent Grab Sample		

Well No.	PW-0	Temp °C	pH	Conductivity (mS/cm)	Turbidity (NTUs)	ORP (mV)	DO (mg/L)
Casing Diameter (in.)	10.0	40.0	8.04	6.8	7.33	-155	3.58
Total Depth (ft btoc)	1,251						
Screen Interval (ft btoc)	Multiple						
Depth to Water (ft btoc)	N/A						
Sample Date	6/11/2026						
Sample Time	12:00						

General Well Location: Between Solar Field #1 and #2, near main road

COMMENTS: Access port is blocked

Well No.	PW-1	Temp °C	pH	Conductivity (mS/cm)	Turbidity (NTUs)	ORP (mV)	DO (mg/L)
Casing Diameter (in.)	10.0	-	-	-	-	-	-
Total Depth (ft btoc)	1,360						
Screen Interval (ft btoc)	Multiple						
Depth to Water (ft btoc)	97.70						
Sample Date	6/11/2026						
Sample Time	N/A						

General Well Location: NE corner of Solar Field 1 cooling/processing facility, between Block 6 & Block 7

COMMENTS: Not sampled - no access; well is welded shut.

Well No.	PW-2	Temp °C	pH	Conductivity (mS/cm)	Turbidity (NTUs)	ORP (mV)	DO (mg/L)
Casing Diameter (in.)	10.0	48.0	8.10	3.6	6.84	-10	5.75
Total Depth (ft btoc)	1,125						
Screen Interval (ft btoc)	Multiple						
Depth to Water (ft btoc)	N/A						
Sample Date	6/11/2026						
Sample Time	12:10						

General Well Location: NW corner of Solar Field 2 cooling/processing facility, between Block 7 & Block 8

COMMENTS: Pump running at time of readings; did not collect water level

Well No.		Temp °C	pH	Conductivity (mS/cm)	Turbidity (NTUs)	ORP (mV)	DO (mg/L)
Casing Diameter (in.)							
Total Depth (ft btoc)							
Screen Interval (ft btoc)							
Depth to Water (ft btoc)							
Sample Date							
Sample Time							

General Well Location:

COMMENTS:



GROUNDWATER SAMPLING FIELD FORM

Date: 06/11/2026	Site: Genesis Solar Energy Project	Project No: 196-004-07
Project: Groundwater Detection Monitoring Program		Project Manager: AWB
Technicians: AWB, RCD		Weather: Hot, clear
Sampling Method: Low-flow sampling with submersible pump (EPA 2017 protocols) and flow-through cell		

Well No.	DM-1	Time (5 Min Int)	Water Level (ft btoc)	Temp °C (3%)	pH (+/- 0.1)	Cond (mS/cm) (3%)	Turbidity (NTUs) (10%)	ORP (mV) (+/- 10)	DO (mg/L) (10%)
Casing Diameter (in.)	4.0	13:18	107.60	38.9	7.56	19.0	52.0	+74	4.85
Total Depth (ft btoc)	120	13:23	107.60	34.0	7.64	18.8	18.0	+64	4.55
Screen Interval (ft btoc)	100 - 120	13:28	107.60	34.0	7.67	18.8	18.0	+65	4.56
Depth to Water (ft btoc)	107.65	13:33	107.60	33.9	7.67	18.7	18.0	+66	4.54
Depth of Inlet (ft btoc)	115.00								
Discharge Time (sec)	30								
Fill Time (sec)	20								
Cycles per Minute	1.2								
Volume per Cycle (mL)	150								
Pump Rate (mL/min)	180								
Volume Purged (mL)	3,000								
Sample Date	06/11/26								
Sample Time	13:35								

Purge Volume Calculation: Total must exceed tubing volume (1,204 mL) plus drawdown volume (2,460 mL/foot) = 1,327 mL

Well No.	DM-2	Time (5 Min Int)	Water Level (ft btoc)	Temp °C (3%)	pH (+/- 0.1)	Cond (mS/cm) (3%)	Turbidity (NTUs) (10%)	ORP (mV) (+/- 10)	DO (mg/L) (10%)
Casing Diameter (in.)	4.0	14:18	108.15	38.5	7.58	19.2	57.2	+66	4.36
Total Depth (ft btoc)	120	14:23	108.22	36.1	7.55	19.2	21.9	+62	2.25
Screen Interval (ft btoc)	100 - 120	14:28	108.35	35.5	7.56	19.2	22.1	+61	2.21
Depth to Water (ft btoc)	107.80	14:33	108.40	35.7	7.56	19.2	22.0	+59	1.99
Depth of Inlet (ft btoc)	115.00								
Discharge Time (sec)	28								
Fill Time (sec)	37								
Cycles per Minute	0.9								
Volume per Cycle (mL)	150								
Pump Rate (mL/min)	138								
Volume Purged (mL)	3,000								
Sample Date	06/11/26								
Sample Time	14:35								

Purge Volume Calculation: Total must exceed tubing volume (1,204 mL) plus drawdown volume (2,460 mL/foot) = 2,188 mL

Well No.	DM-3	Time (5 Min Int)	Water Level (ft btoc)	Temp °C (3%)	pH (+/- 0.1)	Cond (mS/cm) (3%)	Turbidity (NTUs) (10%)	ORP (mV) (+/- 10)	DO (mg/L) (10%)
Casing Diameter (in.)	4.0	15:25	104.72	37.2	7.47	18.7	6.5	+113	4.41
Total Depth (ft btoc)	120	15:30	104.68	36.7	7.59	18.5	10.3	+93.7	2.33
Screen Interval (ft btoc)	100 - 120	15:35	104.69	36.4	7.58	18.4	10.2	+91.6	2.14
Depth to Water (ft btoc)	104.78	15:40	104.68	36.3	7.57	18.3	10.2	+90.1	2.12
Depth of Inlet (ft btoc)	115.00								
Discharge Time (sec)	28								
Fill Time (sec)	35								
Cycles per Minute	1.0								
Volume per Cycle (mL)	150								
Pump Rate (mL/min)	143								
Volume Purged (mL)	3,000								
Sample Date	06/11/26								
Sample Time	15:40								

Purge Volume Calculation: Total must exceed tubing volume (1,204 mL) plus drawdown volume (2,460 mL/foot) = 1,450 mL

APPENDIX B

TIME SERIES CHARTS 1 - 29

Chart 1: Chloride

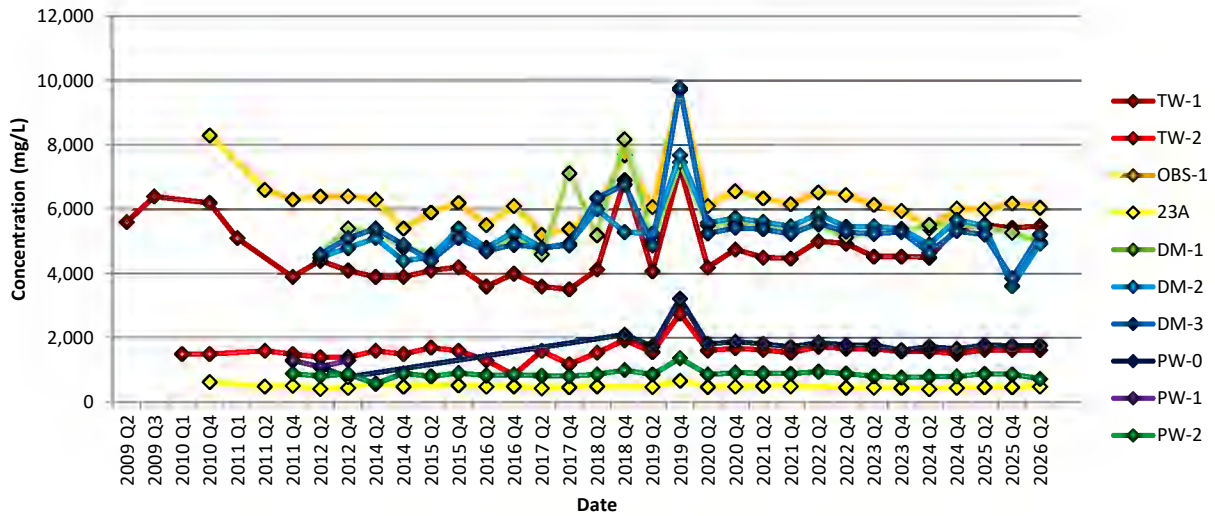


Chart 2: Sulfate (SO₄)

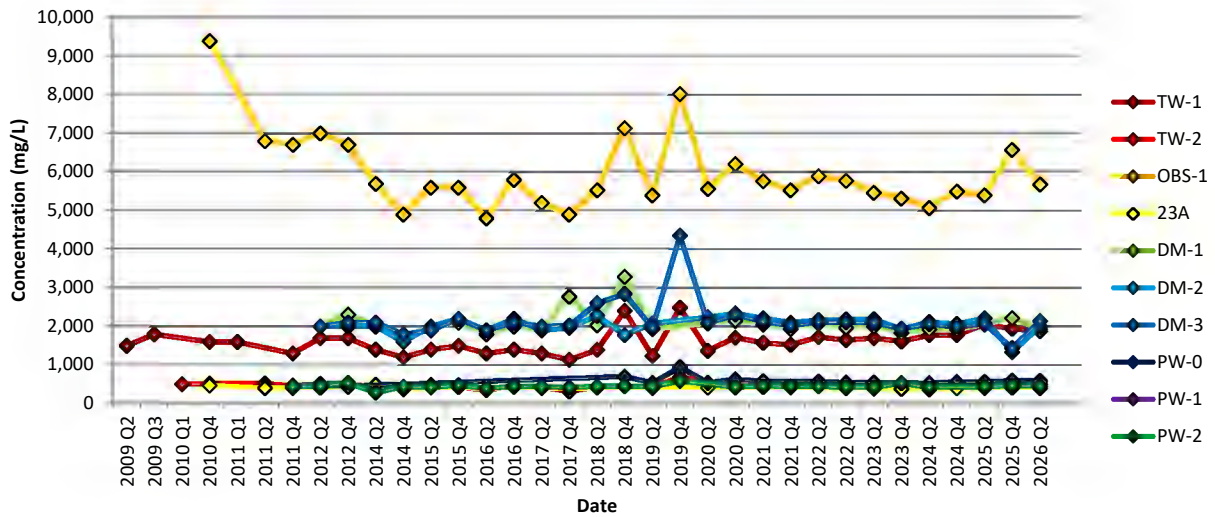


Chart 3: Nitrate (NO₃)

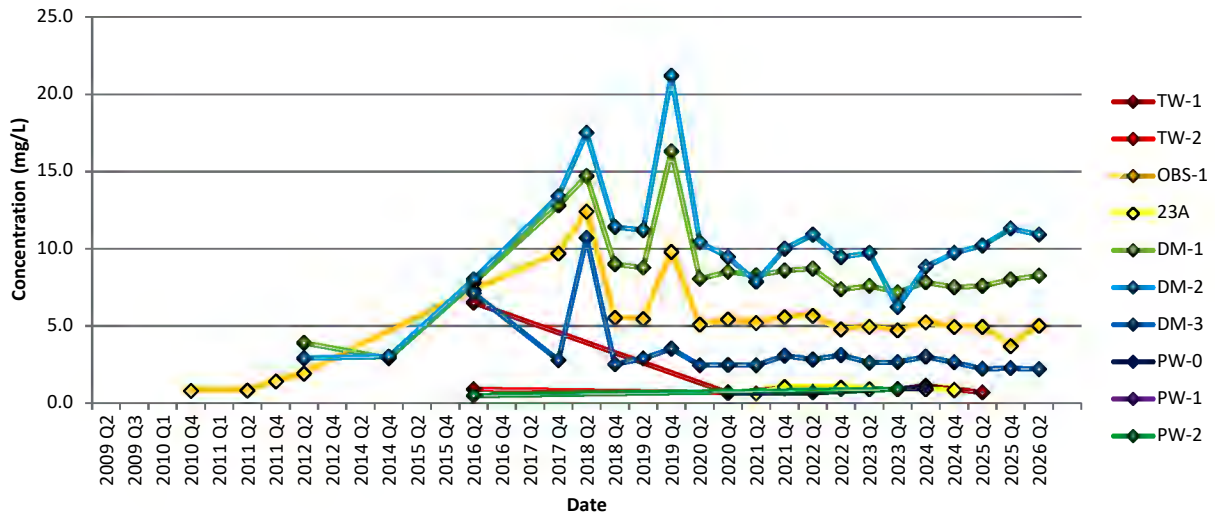


Chart 4: Calcium

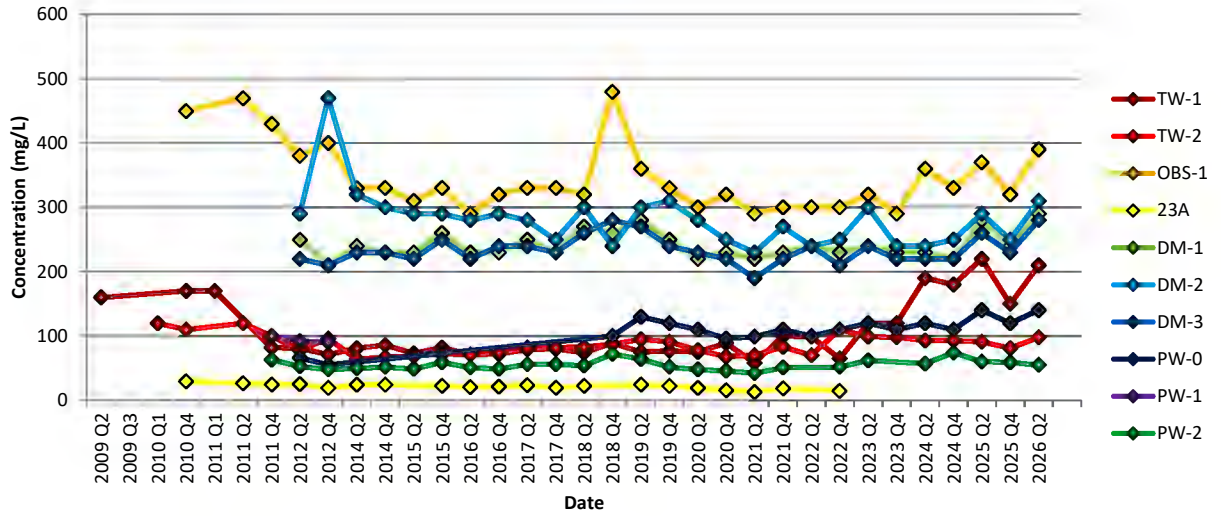


Chart 5: Copper

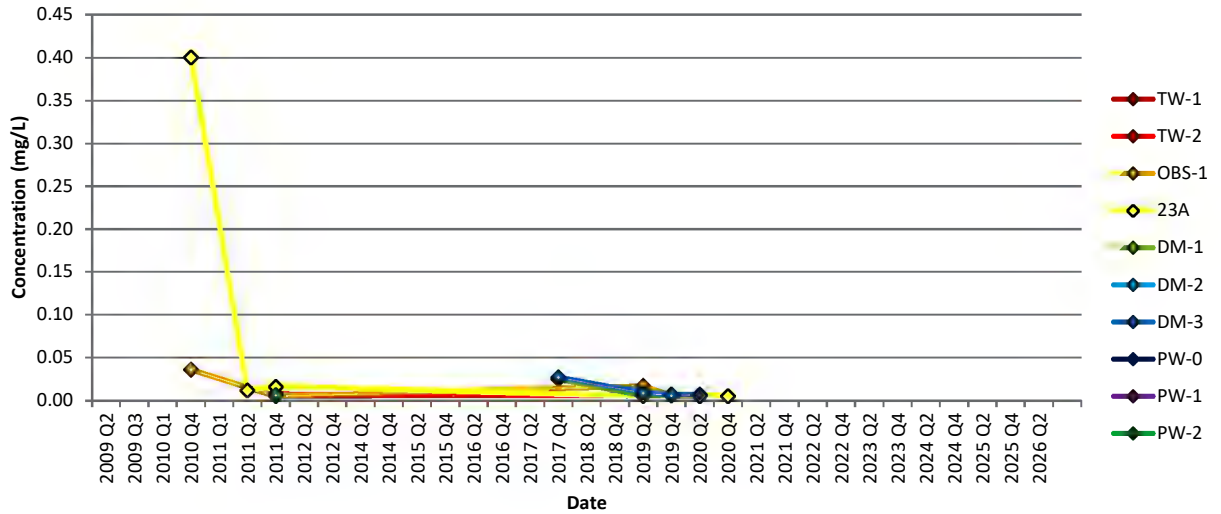


Chart 6: Sodium

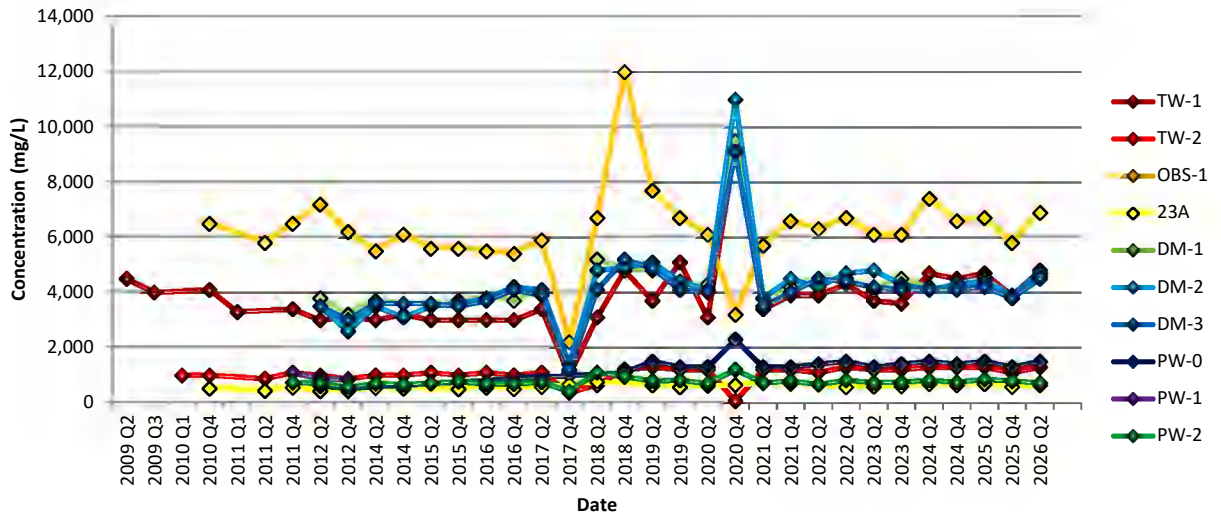


Chart 7: Potassium

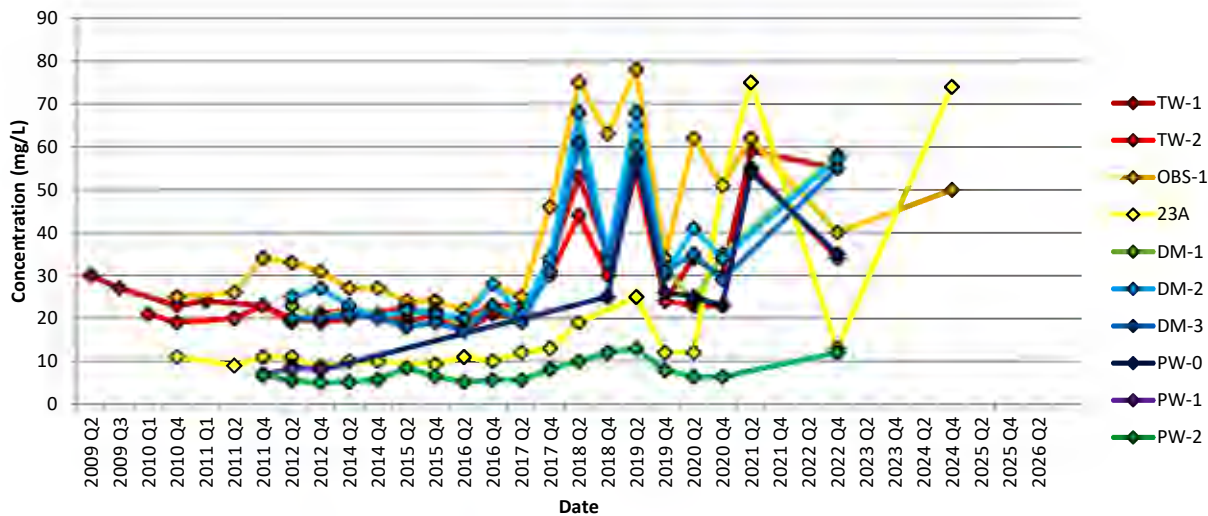


Chart 8: Iron

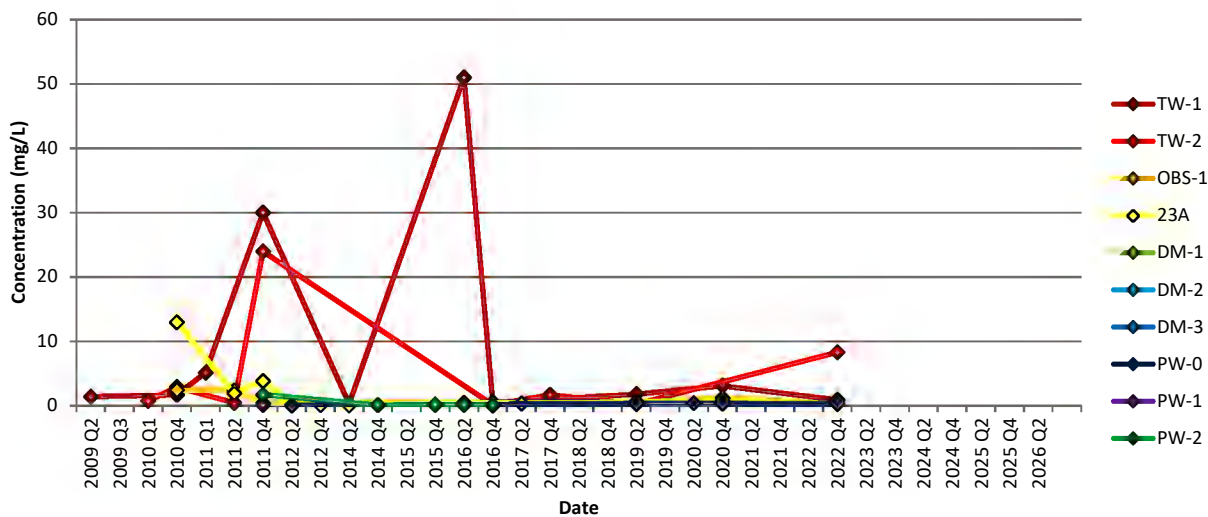


Chart 9: Magnesium

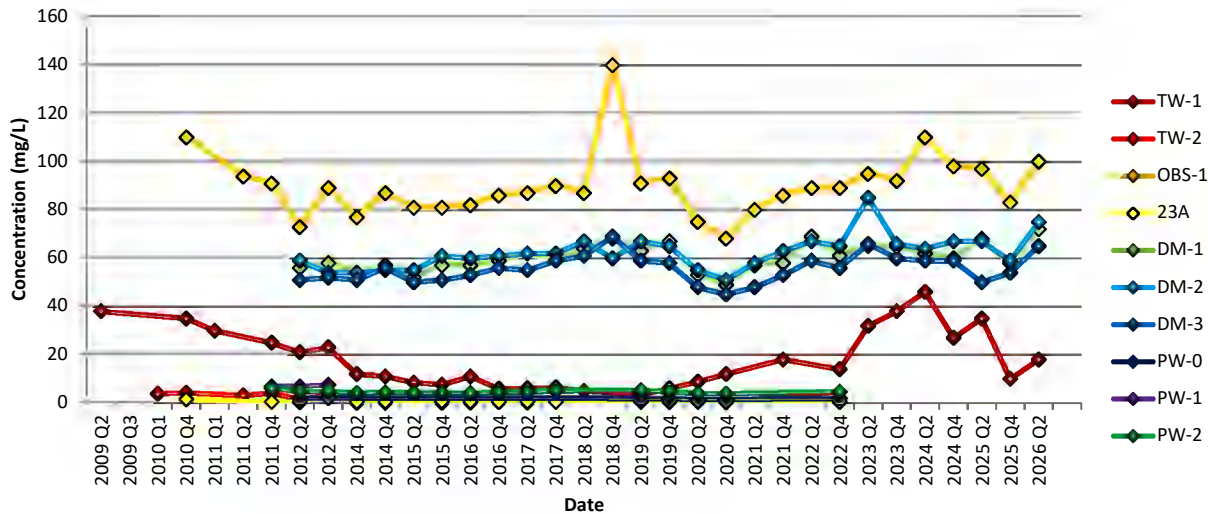


Chart 10: Antimony

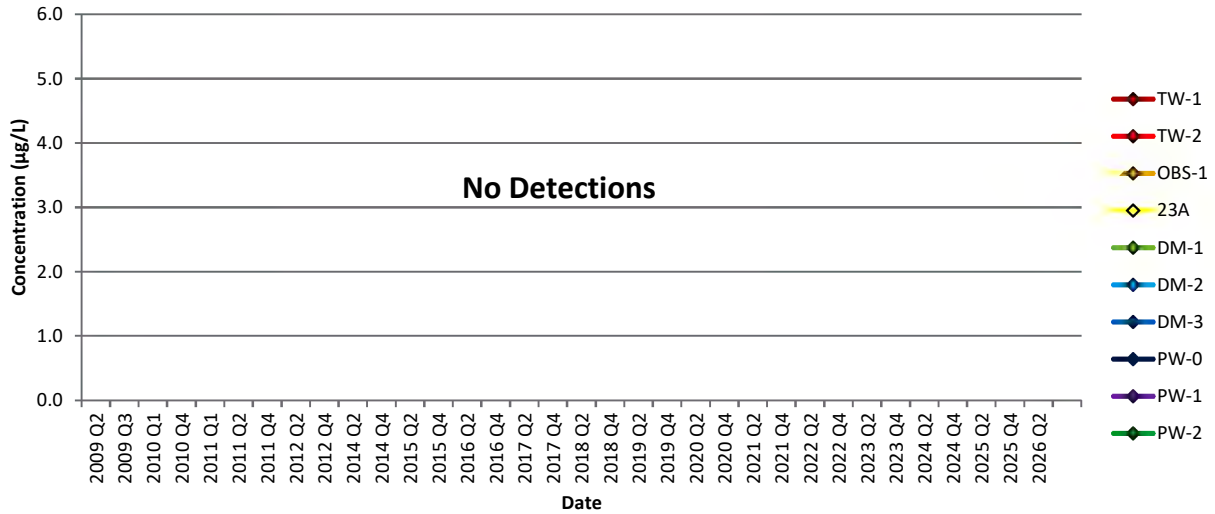


Chart 11: Arsenic

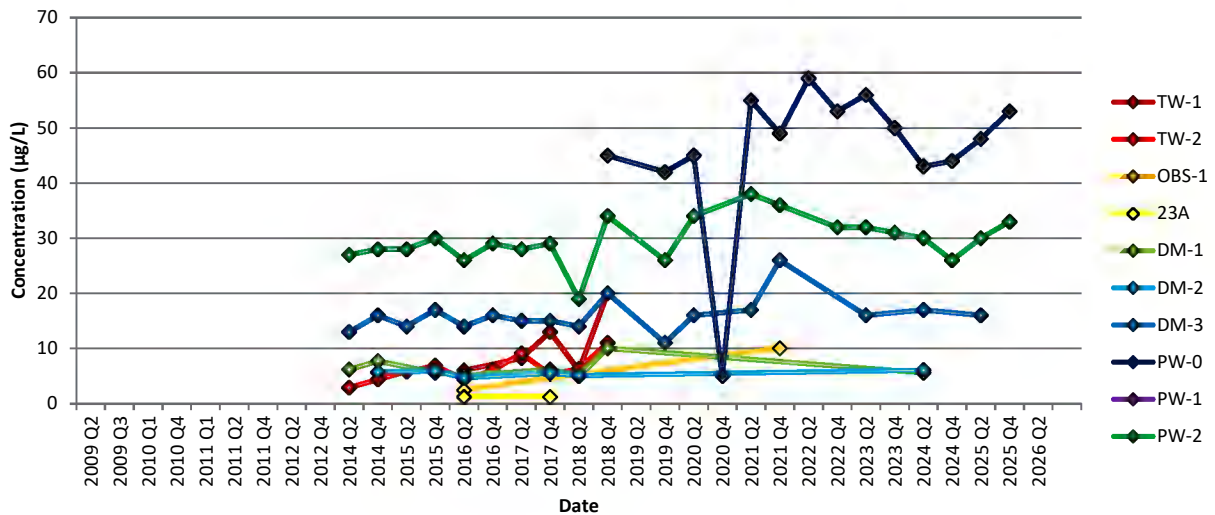


Chart 12: Barium

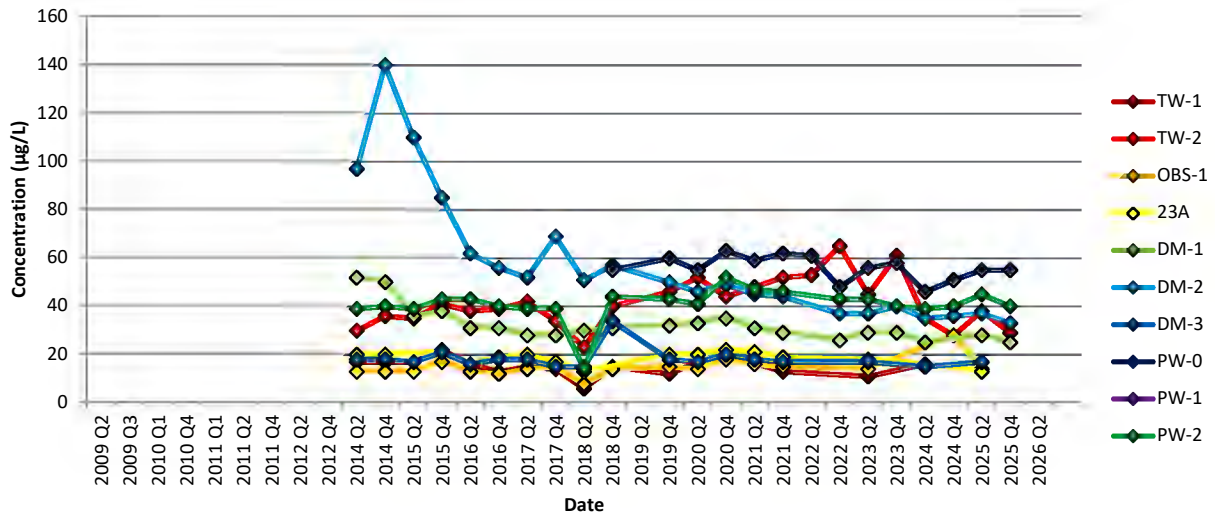


Chart 16: Lead

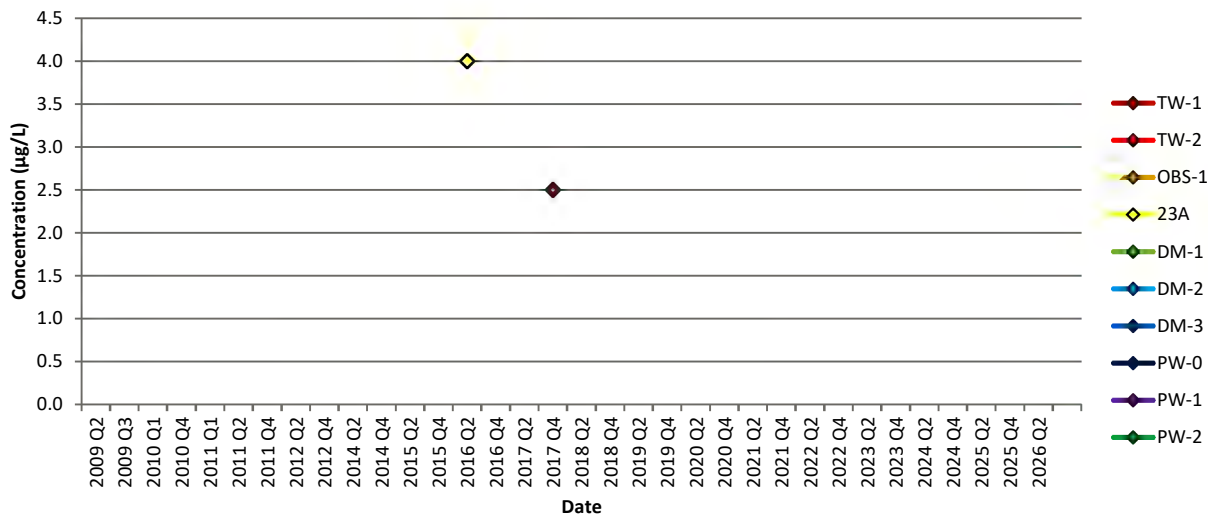


Chart 17: Manganese

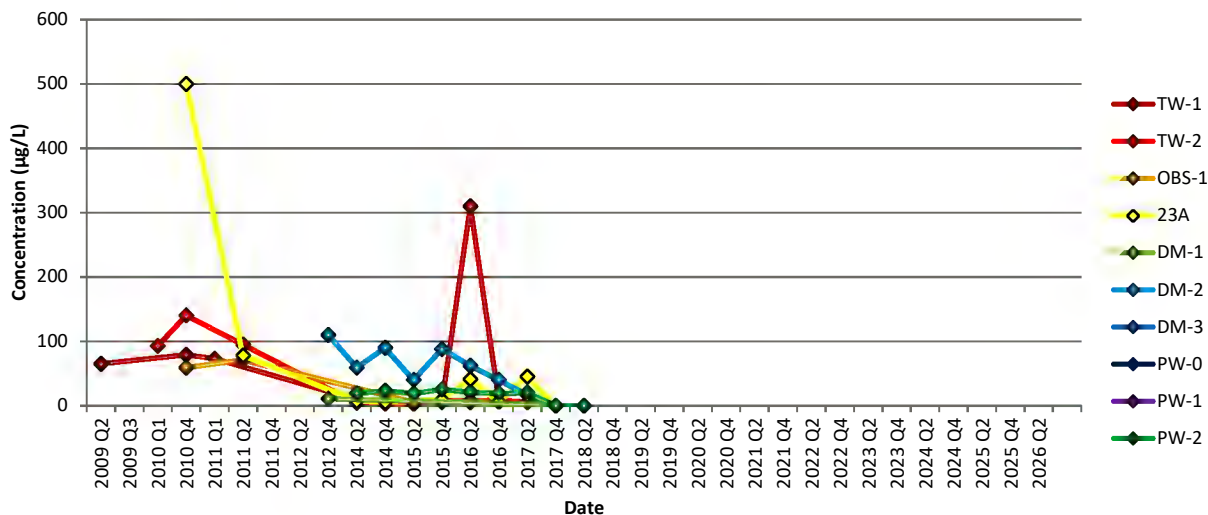


Chart 18: Nickel

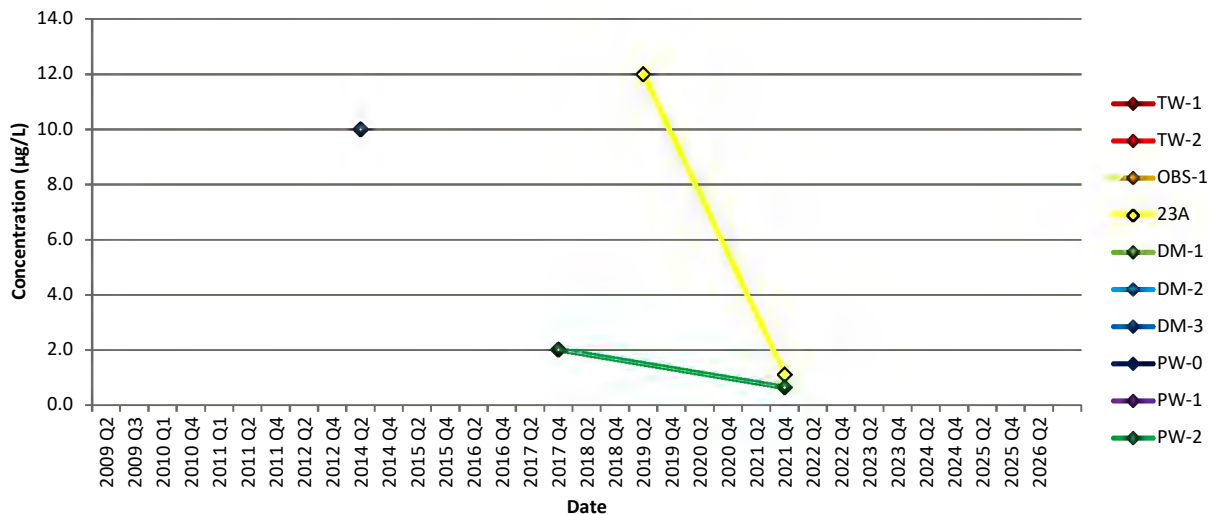


Chart 19: Selenium

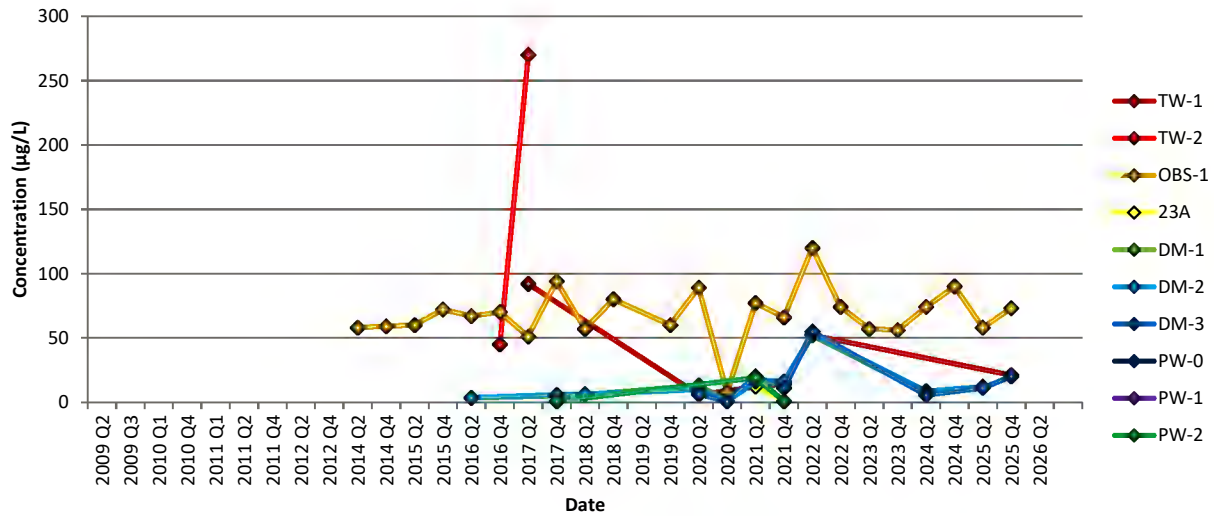


Chart 20: Zinc

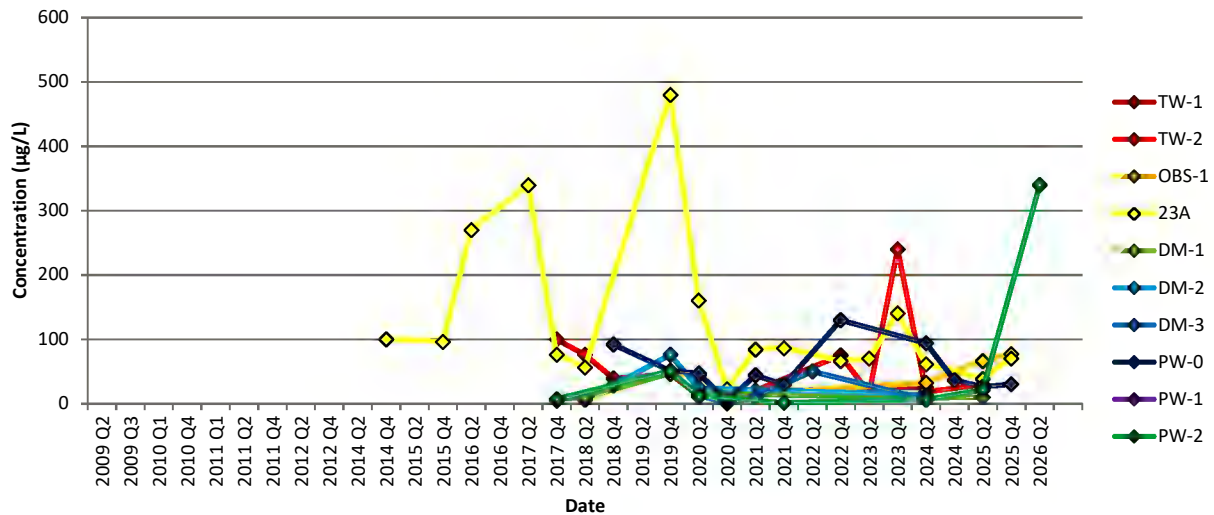


Chart 21: Mercury

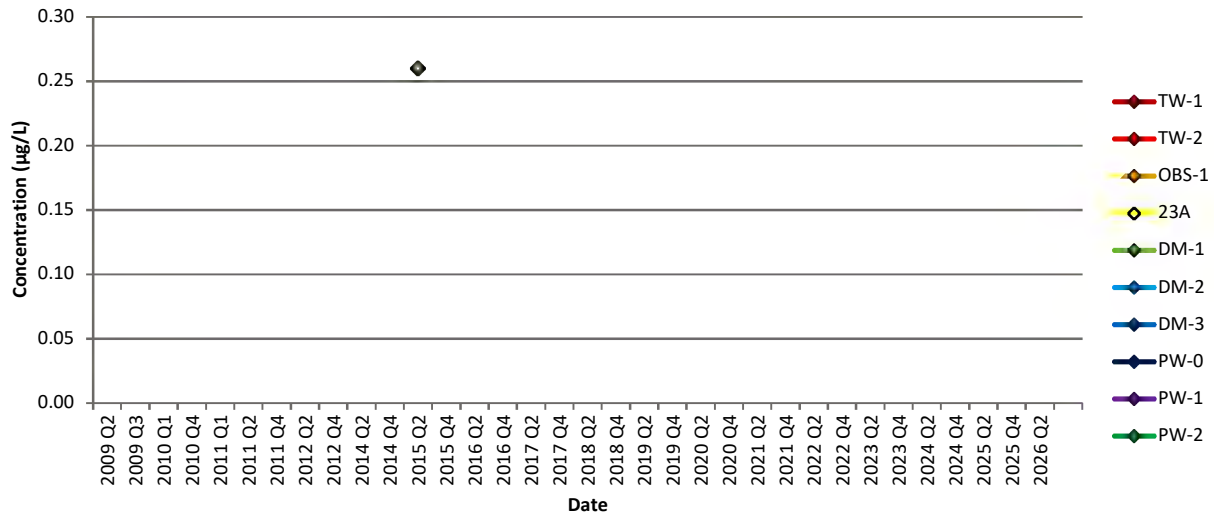


Chart 22: Total Dissolved Solids

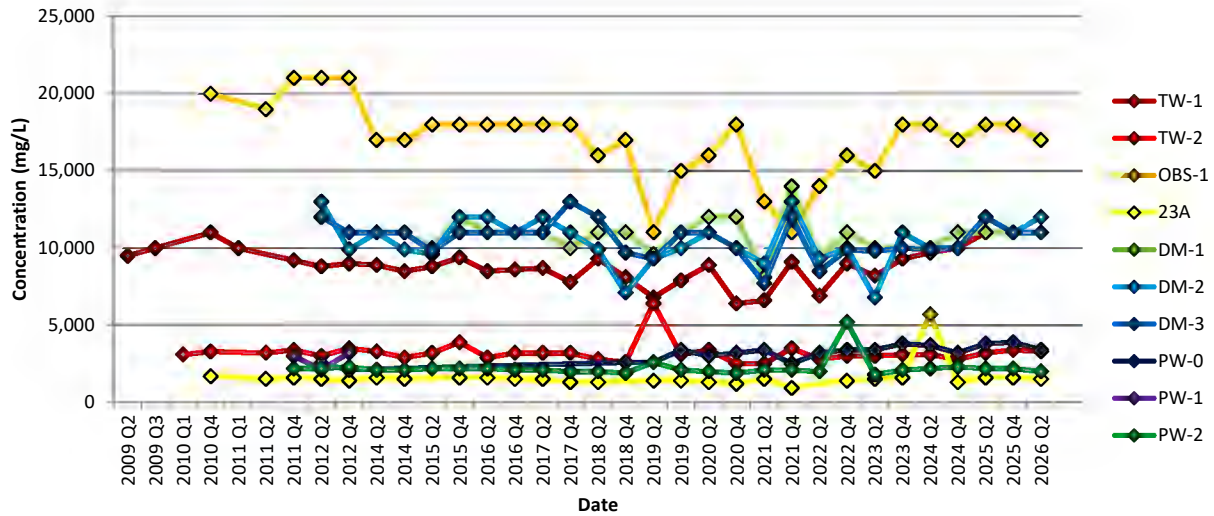


Chart 23: Specific Conductance

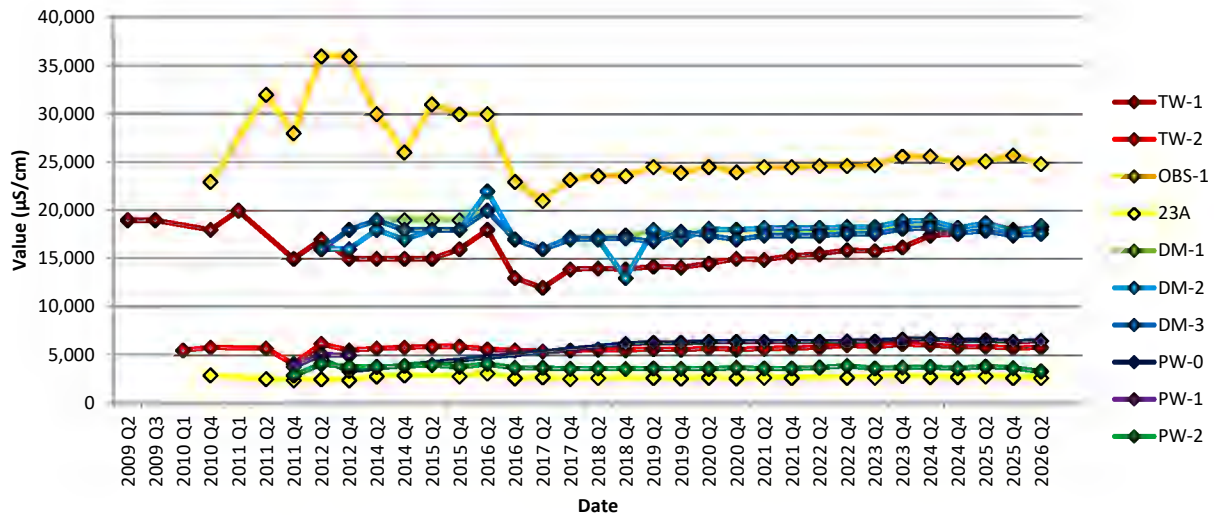


Chart 24: pH

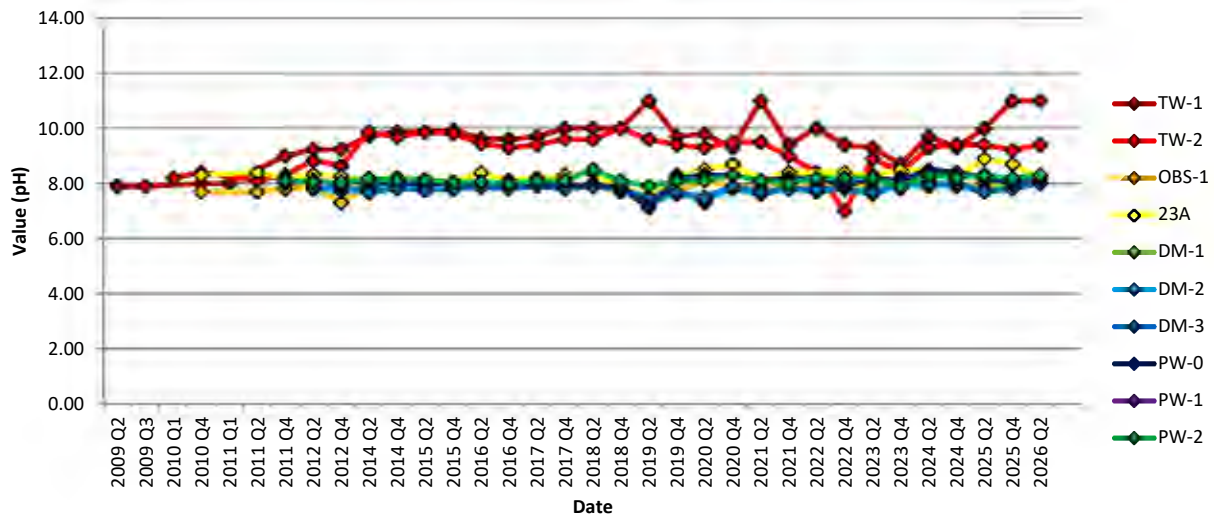


Chart 25: Oil & Grease

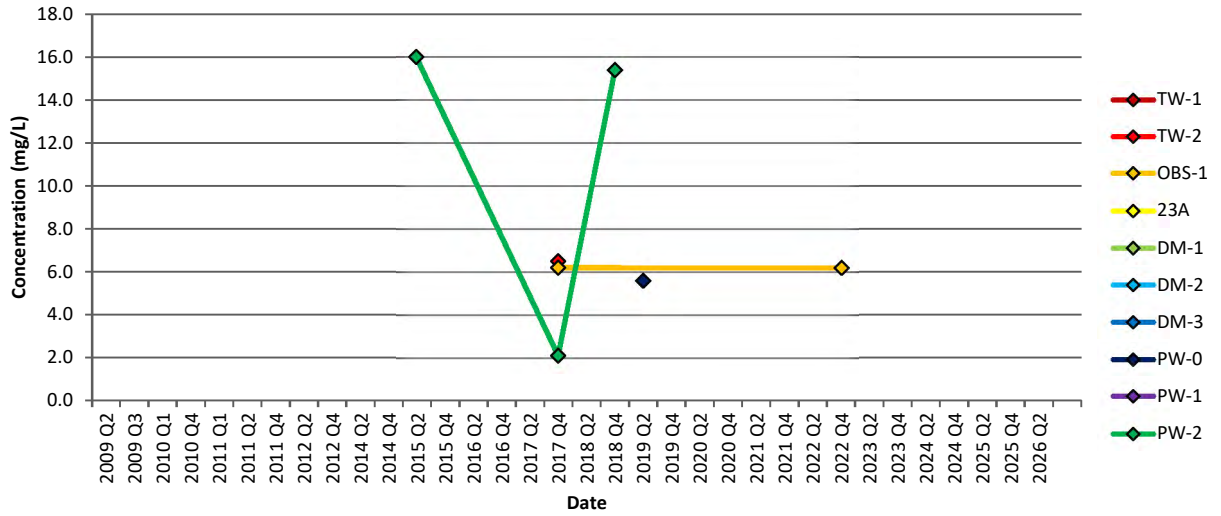


Chart 26: Heat Transfer Fluid

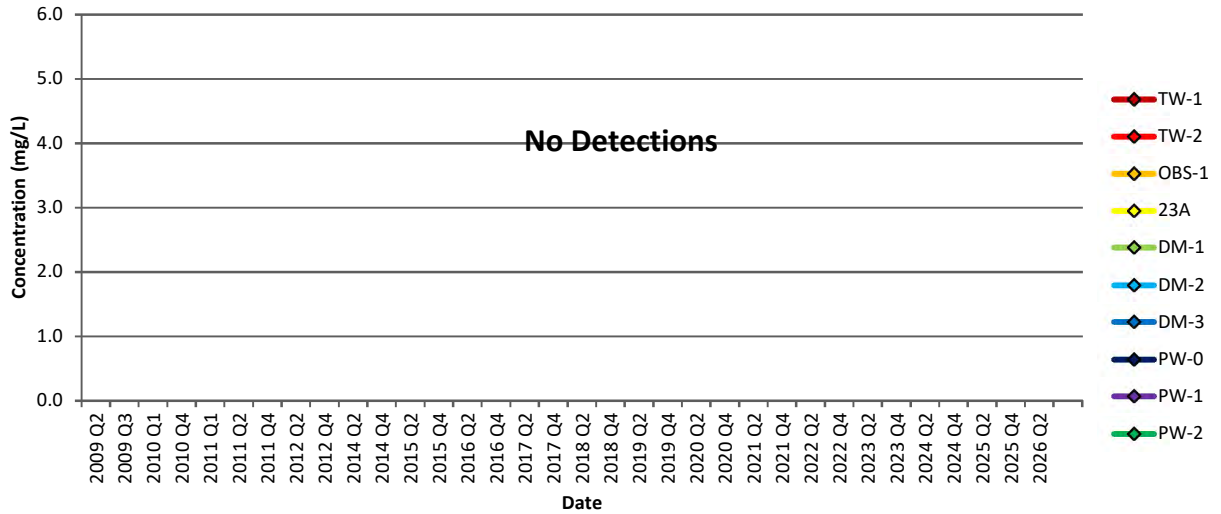


Chart 27: Deuterium

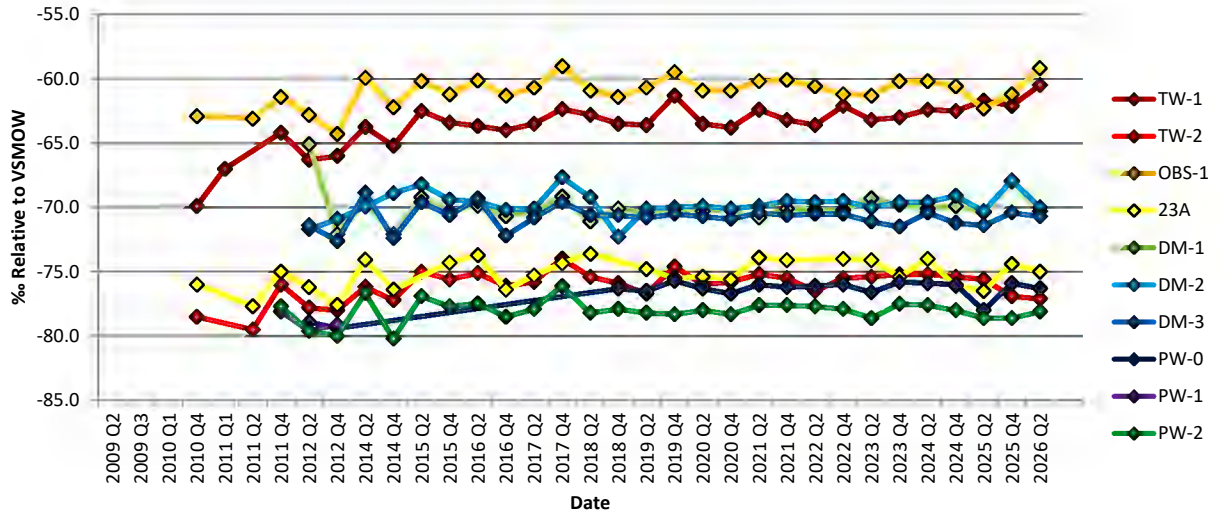
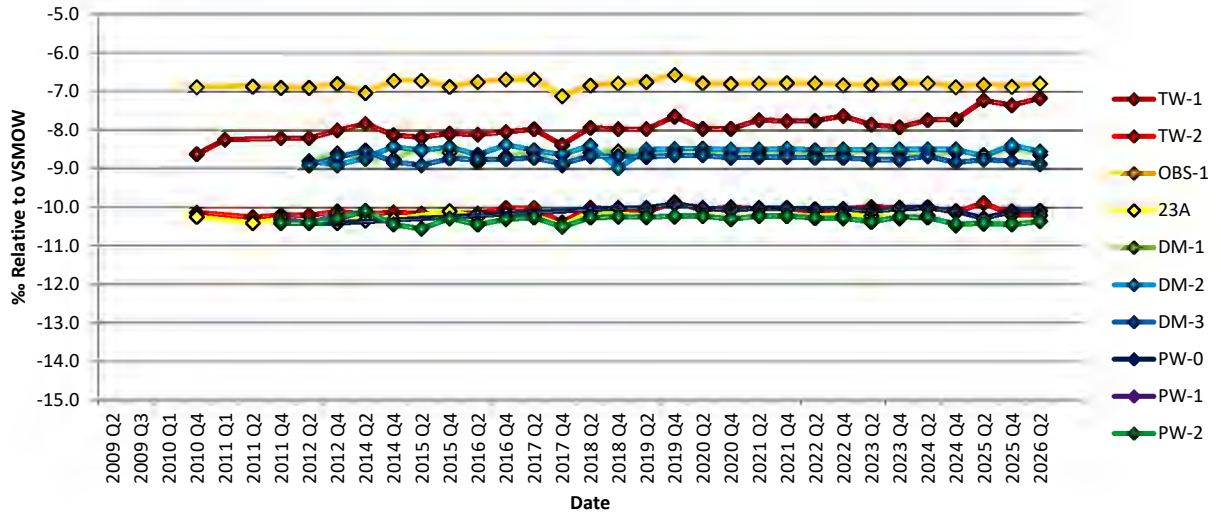
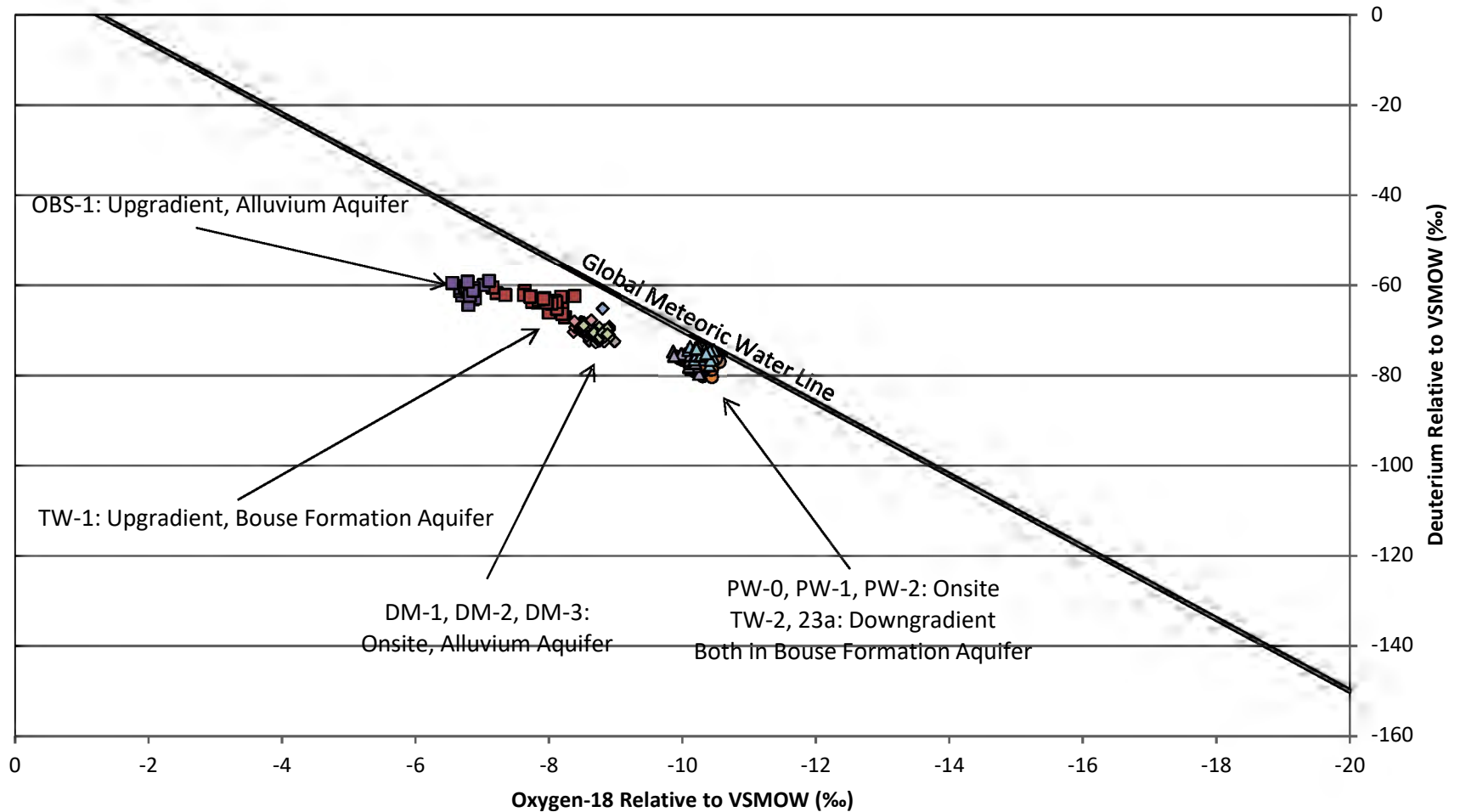


Chart 28: Oxygen-18



**Chart 29: Deuterium vs. Oxygen-18 Concentrations
Relative to Vienna Standard Mean Oceanic Water**



— Global Meteoric Water Line ■ TW-1 ■ OBS-1 ● PW-0 ● PW-1 ● PW-2 ◆ DM-1 ◆ DM-2 ◆ DM-3 ▲ TW-2 ▲ 23a

APPENDIX C

LABORATORY REPORTS



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

30 June 2026

Arlin Brewster
Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest, CA 92630
RE: Genesis Solar Groundwater

Enclosed are the results of analyses for samples received by the laboratory on 06/12/26 10:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Lee
Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
23a	T262132-01	Water	06/11/26 11:20	06/12/26 10:30
OBS-1	T262132-02	Water	06/11/26 10:17	06/12/26 10:30
TW-1	T262132-03	Water	06/11/26 10:07	06/12/26 10:30
TW-2	T262132-04	Water	06/11/26 11:40	06/12/26 10:30
PW-0	T262132-05	Water	06/11/26 12:00	06/12/26 10:30
PW-2	T262132-06	Water	06/11/26 12:10	06/12/26 10:30
DUP	T262132-07	Water	06/11/26 00:00	06/12/26 10:30

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

DETECTIONS SUMMARY

Sample ID: 23a **Laboratory ID:** T262132-01

No Results Detected

Sodium	630	100	mg/l	EPA 200.7	FILT
pH	8.2	0.10	pH Units	SM 4500-H+B	
Total Dissolved Solids	1500	10	mg/l	TDS by SM2540C	
Specific Conductance (EC)	2660	10.0	mho/cm @25°C	SM2510b mod.	
pH Temperature °C	21		pH Units	SM 4500-H+B	
Chloride	484	100	mg/l	EPA 300.0	
Sulfate as SO4	402	100	mg/l	EPA 300.0	

Sample ID: OBS-1 **Laboratory ID:** T262132-02

No Results Detected

Calcium	390	50	mg/l	EPA 200.7	FILT
Magnesium	100	10	mg/l	EPA 200.7	FILT
Sodium	6900	100	mg/l	EPA 200.7	FILT
pH	8.0	0.10	pH Units	SM 4500-H+B	
Total Dissolved Solids	17000	10	mg/l	TDS by SM2540C	
Specific Conductance (EC)	24800	10.0	mho/cm @25°C	SM2510b mod.	
pH Temperature °C	21		pH Units	SM 4500-H+B	
Chloride	6050	1000	mg/l	EPA 300.0	
Sulfate as SO4	5680	1000	mg/l	EPA 300.0	
Nitrate as NO3	5.00	0.500	mg/l	EPA 300.0	
Nitrate as N	1.13	0.200	mg/l	EPA 300.0	

Sample ID: TW-1 **Laboratory ID:** T262132-03

No Results Detected

Calcium	210	50	mg/l	EPA 200.7	FILT
Magnesium	18	10	mg/l	EPA 200.7	FILT

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

Sample ID: TW-1

Laboratory ID: T262132-03

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Sodium	4800	100	mg/l	EPA 200.7	FILT
Total Dissolved Solids	12000	10	mg/l	TDS by SM2540C	
pH	11	0.10	pH Units	SM 4500-H+B	
Specific Conductance (EC)	18300	10.0	mho/cm @25°C	SM2510b mod.	
pH Temperature °C	21		pH Units	SM 4500-H+B	
Chloride	5480	500	mg/l	EPA 300.0	
Sulfate as SO4	1870	500	mg/l	EPA 300.0	

Sample ID: TW-2

Laboratory ID: T262132-04

No Results Detected

Calcium	98	50	mg/l	EPA 200.7	FILT
Sodium	1300	100	mg/l	EPA 200.7	FILT
pH	9.4	0.10	pH Units	SM 4500-H+B	
Total Dissolved Solids	3300	10	mg/l	TDS by SM2540C	
pH Temperature °C	21		pH Units	SM 4500-H+B	
Specific Conductance (EC)	5810	10.0	mho/cm @25°C	SM2510b mod.	
Chloride	1620	250	mg/l	EPA 300.0	
Sulfate as SO4	500	250	mg/l	EPA 300.0	

Sample ID: PW-0

Laboratory ID: T262132-05

No Results Detected

Calcium	140	50	mg/l	EPA 200.7	FILT
Sodium	1500	100	mg/l	EPA 200.7	FILT
Total Dissolved Solids	3400	10	mg/l	TDS by SM2540C	
pH	8.2	0.10	pH Units	SM 4500-H+B	
Specific Conductance (EC)	6490	10.0	mho/cm @25°C	SM2510b mod.	
pH Temperature °C	21		pH Units	SM 4500-H+B	
Fluoride	5.31	0.500	mg/l	EPA 300.0	
Chloride	1770	250	mg/l	EPA 300.0	
Sulfate as SO4	589	250	mg/l	EPA 300.0	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

Sample ID: PW-2

Laboratory ID: T262132-06

No Results Detected

Calcium	55	50	mg/l	EPA 200.7	FILT
Zinc	340	250	ug/l	200.8	FILT
Sodium	710	100	mg/l	EPA 200.7	FILT
pH	8.3	0.10	pH Units	SM 4500-H+B	
Total Dissolved Solids	2000	10	mg/l	TDS by SM2540C	
pH Temperature °C	21		pH Units	SM 4500-H+B	
Specific Conductance (EC)	3340	10.0	mho/cm @25°C	SM2510b mod.	
Fluoride	5.63	0.500	mg/l	EPA 300.0	
Chloride	728	250	mg/l	EPA 300.0	
Sulfate as SO4	451	250	mg/l	EPA 300.0	

Sample ID: DUP

Laboratory ID: T262132-07

No Results Detected

Calcium	55	50	mg/l	EPA 200.7	FILT
Sodium	730	100	mg/l	EPA 200.7	FILT
Total Dissolved Solids	1900	10	mg/l	TDS by SM2540C	
pH	8.3	0.10	pH Units	SM 4500-H+B	
pH Temperature °C	21		pH Units	SM 4500-H+B	
Specific Conductance (EC)	3320	10.0	mho/cm @25°C	SM2510b mod.	
Chloride	726	250	mg/l	EPA 300.0	
Sulfate as SO4	446	250	mg/l	EPA 300.0	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

23a
T262132-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

Eurofins Calscience

8015B

Benzene, 1,1'-oxybis-	ND	97	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	97	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		95 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	ND	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	06/19/26	"	FILT
Iron	ND	20	"	"	"	"	"	"	FILT
Magnesium	ND	10	"	"	"	"	"	"	FILT
Potassium	ND	50	"	"	"	"	06/19/26	"	FILT
Sodium	630	100	"	200	"	"	"	"	FILT
Antimony	ND	250	ug/l	500	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	ND	250	"	"	"	"	"	"	FILT, R-07
Barium	ND	250	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	250	"	"	"	"	"	"	FILT, R-07
Chromium	ND	250	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	250	"	"	"	"	"	"	FILT, R-07
Lead	ND	250	"	"	"	"	"	"	FILT, R-07
Nickel	ND	250	"	"	"	"	"	"	FILT, R-07
Selenium	ND	250	"	"	"	"	"	"	FILT, R-07
Zinc	ND	250	"	"	"	"	"	"	FILT, R-07

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

23a

T262132-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	5.00	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B
Specific Conductance (EC)	2660	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.
pH	8.2	0.10	pH Units	"	26F0320	06/12/26	06/15/26	SM 4500-H+B
pH Temperature °C	21		"	"	"	"	"	"
Total Dissolved Solids	1500	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C

Anions by EPA Method 300.0

Chloride	484	100	mg/l	20	26F0305	06/12/26	06/12/26	EPA 300.0
Sulfate as SO4	402	100	"	"	"	"	"	"
Nitrate as NO3	ND	0.500	"	1	"	"	06/12/26	"
Nitrate as N	ND	0.200	"	"	"	"	"	"

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

OBS-1
T262132-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Eurofins Calscience									
8015B									
Benzene, 1,1'-oxybis-	ND	99	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	99	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		94 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	390	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	06/19/26	"	FILT
Iron	ND	20	"	"	"	"	06/19/26	"	FILT
Magnesium	100	10	"	"	"	"	"	"	FILT
Potassium	ND	50	"	"	"	"	"	"	FILT
Sodium	6900	100	"	200	"	"	"	"	FILT
Antimony	ND	250	ug/l	500	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	ND	250	"	"	"	"	"	"	FILT, R-07
Barium	ND	250	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	250	"	"	"	"	"	"	FILT, R-07
Chromium	ND	250	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	250	"	"	"	"	"	"	FILT, R-07
Lead	ND	250	"	"	"	"	"	"	FILT, R-07
Nickel	ND	250	"	"	"	"	"	"	FILT, R-07
Selenium	ND	250	"	"	"	"	"	"	FILT, R-07
Zinc	ND	250	"	"	"	"	"	"	FILT, R-07

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

OBS-1
T262132-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	5.00	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B
Specific Conductance (EC)	24800	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.
pH	8.0	0.10	pH Units	"	26F0320	06/12/26	06/15/26	SM 4500-H+B
pH Temperature °C	21		"	"	"	"	"	"
Total Dissolved Solids	17000	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C

Anions by EPA Method 300.0

Chloride	6050	1000	mg/l	200	26F0305	06/12/26	06/12/26	EPA 300.0
Sulfate as SO4	5680	1000	"	"	"	"	"	"
Nitrate as NO3	5.00	0.500	"	1	"	"	06/12/26	"
Nitrate as N	1.13	0.200	"	"	"	"	"	"

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

TW-1

T262132-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Eurofins Calscience									
8015B									
Benzene, 1,1'-oxybis-	ND	98	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	98	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		86 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	210	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	"	"	FILT
Iron	ND	20	"	"	"	"	"	"	FILT
Magnesium	18	10	"	"	"	"	"	"	FILT
Potassium	ND	50	"	"	"	"	"	"	FILT
Sodium	4800	100	"	200	"	"	"	"	FILT
Antimony	ND	250	ug/l	500	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	ND	250	"	"	"	"	"	"	FILT, R-07
Barium	ND	250	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	250	"	"	"	"	"	"	FILT, R-07
Chromium	ND	250	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	250	"	"	"	"	"	"	FILT, R-07
Lead	ND	250	"	"	"	"	"	"	FILT, R-07
Nickel	ND	250	"	"	"	"	"	"	FILT, R-07
Selenium	ND	250	"	"	"	"	"	"	FILT, R-07
Zinc	ND	250	"	"	"	"	"	"	FILT, R-07

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

TW-1

T262132-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	5.00	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B	
Specific Conductance (EC)	18300	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.	
pH	11	0.10	pH Units	"	26F0320	06/12/26	06/15/26	SM 4500-H+B	
pH Temperature °C	21		"	"	"	"	"	"	
Total Dissolved Solids	12000	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C	

Anions by EPA Method 300.0

Chloride	5480	500	mg/l	100	26F0305	06/12/26	06/12/26	EPA 300.0	
Sulfate as SO4	1870	500	"	"	"	"	"	"	
Nitrate as NO3	ND	0.500	"	1	"	"	06/12/26	"	
Nitrate as N	ND	0.200	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

TW-2

T262132-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Eurofins Calscience									
8015B									
Benzene, 1,1'-oxybis-	ND	97	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	97	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		91 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	98	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	06/19/26	"	FILT
Iron	ND	20	"	"	"	"	06/19/26	"	FILT
Magnesium	ND	10	"	"	"	"	"	"	FILT
Potassium	ND	50	"	"	"	"	"	"	FILT
Sodium	1300	100	"	200	"	"	"	"	FILT
Antimony	ND	250	ug/l	500	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	ND	250	"	"	"	"	"	"	FILT, R-07
Barium	ND	250	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	250	"	"	"	"	"	"	FILT, R-07
Chromium	ND	250	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	250	"	"	"	"	"	"	FILT, R-07
Lead	ND	250	"	"	"	"	"	"	FILT, R-07
Nickel	ND	250	"	"	"	"	"	"	FILT, R-07
Selenium	ND	250	"	"	"	"	"	"	FILT, R-07
Zinc	ND	250	"	"	"	"	"	"	FILT, R-07

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

TW-2

T262132-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	5.00	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B
Specific Conductance (EC)	5810	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.
pH	9.4	0.10	pH Units	"	26F0320	06/12/26	06/15/26	SM 4500-H+B
pH Temperature °C	21		"	"	"	"	"	"
Total Dissolved Solids	3300	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C

Anions by EPA Method 300.0

Chloride	1620	250	mg/l	50	26F0305	06/12/26	06/12/26	EPA 300.0
Sulfate as SO4	500	250	"	"	"	"	"	"
Nitrate as NO3	ND	0.500	"	1	"	"	06/12/26	"
Nitrate as N	ND	0.200	"	"	"	"	"	"

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

PW-0

T262132-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

Eurofins Calscience

8015B

Benzene, 1,1'-oxybis-	ND	100	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	100	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		99 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	140	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	"	"	FILT
Iron	ND	20	"	"	"	"	"	"	FILT
Magnesium	ND	10	"	"	"	"	"	"	FILT
Potassium	ND	50	"	"	"	"	"	"	FILT
Sodium	1500	100	"	200	"	"	"	"	FILT
Antimony	ND	250	ug/l	500	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	ND	250	"	"	"	"	"	"	FILT, R-07
Barium	ND	250	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	250	"	"	"	"	"	"	FILT, R-07
Chromium	ND	250	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	250	"	"	"	"	"	"	FILT, R-07
Lead	ND	250	"	"	"	"	"	"	FILT, R-07
Nickel	ND	250	"	"	"	"	"	"	FILT, R-07
Selenium	ND	250	"	"	"	"	"	"	FILT, R-07
Zinc	ND	250	"	"	"	"	"	"	FILT, R-07

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

PW-0

T262132-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	5.00	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B
Specific Conductance (EC)	6490	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.
pH	8.2	0.10	pH Units	"	26F0320	06/12/26	06/15/26	SM 4500-H+B
pH Temperature °C	21		"	"	"	"	"	"
Total Dissolved Solids	3400	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C

Anions by EPA Method 300.0

Fluoride	5.31	0.500	mg/l	1	26F0305	06/12/26	06/12/26	EPA 300.0
Chloride	1770	250	"	50	"	"	06/12/26	"
Sulfate as SO4	589	250	"	"	"	"	"	"
Nitrate as NO3	ND	0.500	"	1	"	"	06/12/26	"
Nitrate as N	ND	0.200	"	"	"	"	"	"

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

PW-2

T262132-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Eurofins Calscience									
8015B									
Benzene, 1,1'-oxybis-	ND	99	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	99	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		93 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	55	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	06/19/26	"	FILT
Iron	ND	20	"	"	"	"	06/19/26	"	FILT
Magnesium	ND	10	"	"	"	"	"	"	FILT
Potassium	ND	50	"	"	"	"	"	"	FILT
Sodium	710	100	"	200	"	"	"	"	FILT
Antimony	ND	250	ug/l	500	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	ND	250	"	"	"	"	"	"	FILT, R-07
Barium	ND	250	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	250	"	"	"	"	"	"	FILT, R-07
Chromium	ND	250	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	250	"	"	"	"	"	"	FILT, R-07
Lead	ND	250	"	"	"	"	"	"	FILT, R-07
Nickel	ND	250	"	"	"	"	"	"	FILT, R-07
Selenium	ND	250	"	"	"	"	"	"	FILT, R-07
Zinc	340	250	"	"	"	"	"	"	FILT

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

PW-2

T262132-06 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	5.00	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B	
Specific Conductance (EC)	3340	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.	
pH	8.3	0.10	pH Units	"	26F0320	06/12/26	06/15/26	SM 4500-H+B	
pH Temperature °C	21		"	"	"	"	"	"	
Total Dissolved Solids	2000	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C	

Anions by EPA Method 300.0

Fluoride	5.63	0.500	mg/l	1	26F0305	06/12/26	06/12/26	EPA 300.0	
Chloride	728	250	"	50	"	"	06/12/26	"	
Sulfate as SO4	451	250	"	"	"	"	"	"	
Nitrate as NO3	ND	0.500	"	1	"	"	06/12/26	"	
Nitrate as N	ND	0.200	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

DUP

T262132-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Eurofins Calscience									
8015B									
Benzene, 1,1'-oxybis-	ND	98	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	98	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		96 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	55	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	"	"	FILT
Iron	ND	20	"	"	"	"	"	"	FILT
Magnesium	ND	10	"	"	"	"	"	"	FILT
Potassium	ND	50	"	"	"	"	"	"	FILT
Sodium	730	100	"	200	"	"	"	"	FILT
Antimony	ND	250	ug/l	500	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	ND	250	"	"	"	"	"	"	FILT, R-07
Barium	ND	250	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	250	"	"	"	"	"	"	FILT, R-07
Chromium	ND	250	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	250	"	"	"	"	"	"	FILT, R-07
Lead	ND	250	"	"	"	"	"	"	FILT, R-07
Nickel	ND	250	"	"	"	"	"	"	FILT, R-07
Selenium	ND	250	"	"	"	"	"	"	FILT, R-07
Zinc	ND	250	"	"	"	"	"	"	FILT, R-07

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

DUP

T262132-07 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	5.00	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B	
Specific Conductance (EC)	3320	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.	
pH	8.3	0.10	pH Units	"	26F0320	06/12/26	06/15/26	SM 4500-H+B	
pH Temperature °C	21		"	"	"	"	"	"	
Total Dissolved Solids	1900	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C	

Anions by EPA Method 300.0

Fluoride	ND	25.0	mg/l	50	26F0305	06/12/26	06/13/26	EPA 300.0	
Chloride	726	250	"	"	"	"	"	"	
Sulfate as SO4	446	250	"	"	"	"	"	"	
Nitrate as NO3	ND	0.500	"	1	"	"	06/12/26	"	
Nitrate as N	ND	0.200	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

Metals by EPA 200 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 26F0301 - EPA 3010A

Blank (26F0301-BLK1)

Prepared: 06/12/26 Analyzed: 06/19/26

Calcium	ND	0.50	mg/l
Copper	ND	0.005	"
Iron	ND	0.20	"
Magnesium	ND	0.10	"
Potassium	ND	0.50	"
Sodium	ND	0.50	"

LCS (26F0301-BS1)

Prepared: 06/12/26 Analyzed: 06/19/26

Calcium	2.19	0.50	mg/l	2.00	110	80-120
Copper	2.20	0.005	"	2.00	110	85-115
Iron	2.17	0.20	"	2.00	109	80-120
Magnesium	2.17	0.10	"	2.00	109	80-120
Potassium	2.07	0.50	"	2.00	104	80-120
Sodium	2.05	0.50	"	2.00	102	80-120

Matrix Spike (26F0301-MS1)

Source: T262132-01

Prepared: 06/12/26 Analyzed: 06/19/26

Calcium	37.1	50	mg/l	2.00	13.1	NR	70-130			QM-07
Copper	ND	0.50	"	2.00	ND		70-130			QM-05
Iron	ND	20	"	2.00	ND		70-130			QM-05
Magnesium	ND	10	"	2.00	ND		70-130			QM-05
Potassium	66.5	50	"	2.00	ND	NR	70-130			QM-07
Sodium	631	100	"	2.00	628	140	70-130			QM-05

Matrix Spike Dup (26F0301-MSD1)

Source: T262132-01

Prepared: 06/12/26 Analyzed: 06/19/26

Calcium	14.6	50	mg/l	2.00	13.1	74.4	70-130	87.1	30	QM-07
Copper	2.05	0.50	"	2.00	ND	103	70-130		30	
Iron	1.82	20	"	2.00	ND	91.0	70-130		30	
Magnesium	ND	10	"	2.00	ND		70-130		30	QM-05
Potassium	ND	50	"	2.00	ND		70-130		30	QM-07
Sodium	623	100	"	2.00	628	NR	70-130	1.25	30	QM-05

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

Metals by EPA 200 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 26F0302 - EPA 3010A

Blank (26F0302-BLK1)

Prepared: 06/12/26 Analyzed: 06/29/26

Antimony	ND	0.50	ug/l
Arsenic	ND	0.50	"
Barium	ND	0.50	"
Cadmium	ND	0.50	"
Chromium	ND	0.50	"
Cobalt	ND	0.50	"
Lead	ND	0.50	"
Nickel	ND	0.50	"
Selenium	ND	0.50	"
Zinc	ND	0.50	"

LCS (26F0302-BS1)

Prepared: 06/12/26 Analyzed: 06/29/26

Arsenic	27.6	0.50	ug/l	25.0	111	85-115
Barium	23.4	0.50	"	25.0	93.8	85-115
Cadmium	24.4	0.50	"	25.0	97.6	85-115
Chromium	26.2	0.50	"	25.0	105	85-115
Lead	24.4	0.50	"	25.0	97.4	85-115

Matrix Spike (26F0302-MS1)

Source: T262133-01

Prepared: 06/12/26 Analyzed: 06/29/26

Arsenic	25.0	250	ug/l	25.0	25.0	0.00	70-130		QM-07, R-07
Barium	45.0	250	"	25.0	25.0	80.0	70-130		R-07
Cadmium	25.0	250	"	25.0	ND	100	70-130		R-07
Chromium	30.0	250	"	25.0	10.0	80.0	70-130		R-07
Lead	ND	250	"	25.0	ND		70-130		QM-07, R-07

Matrix Spike Dup (26F0302-MSD1)

Source: T262133-01

Prepared: 06/12/26 Analyzed: 06/29/26

Arsenic	ND	250	ug/l	25.0	25.0	NR	70-130	20	QM-07, R-07
Barium	20.0	250	"	25.0	25.0	NR	70-130	76.9	QM-07, R-07
Cadmium	ND	250	"	25.0	ND		70-130	20	QM-07, R-07
Chromium	ND	250	"	25.0	10.0	NR	70-130	20	QM-07, R-07
Lead	ND	250	"	25.0	ND		70-130	20	QM-07, R-07

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 26F0307 - EPA 7470A Water

Blank (26F0307-BLK1)

Prepared: 06/12/26 Analyzed: 06/15/26

Mercury	ND	1.0	ug/l
---------	----	-----	------

LCS (26F0307-BS1)

Prepared: 06/12/26 Analyzed: 06/15/26

Mercury	5.85	1.0	ug/l	5.00	117	80-120
---------	------	-----	------	------	-----	--------

Matrix Spike (26F0307-MS1)

Source: T262132-01

Prepared: 06/12/26 Analyzed: 06/15/26

Mercury	5.82	1.0	ug/l	5.00	ND	116	80-120
---------	------	-----	------	------	----	-----	--------

Matrix Spike Dup (26F0307-MSD1)

Source: T262132-01

Prepared: 06/12/26 Analyzed: 06/15/26

Mercury	5.98	1.0	ug/l	5.00	ND	120	80-120	2.62	20
---------	------	-----	------	------	----	-----	--------	------	----

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 26F0310 - General Preparation

Blank (26F0310-BLK1)

Prepared: 06/18/26 Analyzed: 06/19/26

Total Dissolved Solids	ND	10	mg/l
------------------------	----	----	------

LCS (26F0310-BS1)

Prepared: 06/18/26 Analyzed: 06/19/26

Total Dissolved Solids	486	10	mg/l	500	97.2	80-120
------------------------	-----	----	------	-----	------	--------

Duplicate (26F0310-DUP1)

Source: T262124-01

Prepared: 06/18/26 Analyzed: 06/19/26

Total Dissolved Solids	331	10	mg/l	349	5.29	20
------------------------	-----	----	------	-----	------	----

Batch 26F0320 - General Preparation

Duplicate (26F0320-DUP1)

Source: T262095-01

Prepared: 06/12/26 Analyzed: 06/15/26

O-04

pH	7.74	0.10	pH Units	7.65	1.17	10
pH Temperature °C	21.2		"	21.3	0.471	200

Batch 26F0324 - 418.1 / 5520C&F Mod.

Blank (26F0324-BLK1)

Prepared & Analyzed: 06/17/26

Oil & Grease	ND	5.00	mg/l
--------------	----	------	------

LCS (26F0324-BS1)

Prepared & Analyzed: 06/17/26

Oil & Grease	39.4	5.00	mg/l	39.6	99.5	78-114
--------------	------	------	------	------	------	--------

LCS Dup (26F0324-BSD1)

Prepared & Analyzed: 06/17/26

Oil & Grease	40.9	5.00	mg/l	39.6	103	78-114	3.74	20
--------------	------	------	------	------	-----	--------	------	----

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 26F0371 - General Preparation

Duplicate (26F0371-DUP1)

Source: T262132-01

Prepared: 06/15/26 Analyzed: 06/18/26

Specific Conductance (EC)	2670	10.0	umho/cm @25°C		2660			0.375	15	
---------------------------	------	------	------------------	--	------	--	--	-------	----	--

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

Anions by EPA Method 300.0 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 26F0305 - General Preparation

Blank (26F0305-BLK1)

Prepared & Analyzed: 06/12/26

Fluoride	ND	0.500	mg/l
Chloride	ND	5.00	"
Sulfate as SO ₄	ND	5.00	"
Nitrate as NO ₃	ND	0.500	"
Nitrate as N	ND	0.200	"

LCS (26F0305-BS1)

Prepared & Analyzed: 06/12/26

Fluoride	25.2	0.500	mg/l	25.0	101	75-125
Chloride	24.6	5.00	"	25.0	98.5	75-125
Sulfate as SO ₄	25.0	5.00	"	25.0	100	75-125
Nitrate as NO ₃	27.3	0.500	"	25.0	109	75-125

Matrix Spike (26F0305-MS1)

Source: T262132-01

Prepared & Analyzed: 06/12/26

Fluoride	30.3	0.500	mg/l	25.0	7.30	91.9	75-125	
Chloride	455	100	"	25.0	484	NR	75-125	QM-07
Sulfate as SO ₄	393	100	"	25.0	402	NR	75-125	QM-07
Nitrate as NO ₃	27.3	0.500	"	25.0	ND	109	75-125	

Matrix Spike Dup (26F0305-MSD1)

Source: T262132-01

Prepared & Analyzed: 06/12/26

Fluoride	30.2	0.500	mg/l	25.0	7.30	91.6	75-125	0.258	20	
Chloride	461	100	"	25.0	484	NR	75-125	1.38	20	QM-07
Sulfate as SO ₄	398	100	"	25.0	402	NR	75-125	1.37	20	QM-07
Nitrate as NO ₃	27.3	0.500	"	25.0	ND	109	75-125	0.0843	20	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:05

Notes and Definitions

R-07 Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s) and/or matrix effect.

QM-07 The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The batch was accepted based on acceptable LCS recovery.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.

O-04 This sample was received and analyzed outside the EPA recommended holding time.

FILT The sample was filtered prior to analysis.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager

SunStar Laboratories, Inc.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Northstar Environmental Remediation
Address: 26225 Enterprise Court, Lake Forest, CA 92630
Phone: 949-274-1719
Project Manager: Arlin Brewster

Date: _____ Page: 1 of 1
Project Name: Genesis Solar Groundwater
Collector: Arlin Brewster Client Project #: 196-004-07
Batch #: 7262132 EDF #: T10000006093

Sample ID	Date Sampled	Time	Sample Type	Container Type	200.7 - Dissolved Metals: Ca, Cu, Na, K, Fe, Mg (FIELD FILTERED)	200.8 - Dissolved Metals: Sb, As, Ba, Cd, Cr, Co, Pb, Ni, Se, Zn (F.F.)	300.0 - Chloride, Nitrate, Sulfate	1664 - Oil and Grease	7470A - Mercury	9040 - pH	SM2510B - Conductivity, Specific	SM2540C - Total Dis. Solids	8015M - Therminol (Subcontract)	Deuterium, Oxygen-18 (Subcont.)	300.0 - Fluoride	Laboratory ID #	Comments/Preservative	Total # of containers
01 23a	06/11/26	1120	W	Various	X	X	X	X	X	X	X	X	X	X				5
02 OBS-1	↓	1017	W	Various	X	X	X	X	X	X	X	X	X	X				5
03 TW-1		1007	W	Various	X	X	X	X	X	X	X	X	X	X				5
04 TW-2		1140	W	Various	X	X	X	X	X	X	X	X	X	X				5
05 PW-0		1200	W	Various	X	X	X	X	X	X	X	X	X	X	X			5
06 PW-2	↓	1210	W	Various	X	X	X	X	X	X	X	X	X	X	X			5
07 DUP	N/A	N/A	W	Various	X	X	X	X	X	X	X	X	X	X				5
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time	Total # of containers										35	Notes ** Deuterium & Oxygen-18 subcontract has 10 day TAT Reporting limits must match previous reports			
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time	Chain of Custody seals Y/N/NA														
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time	Seals intact? Y/N/NA														
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time	Received (good) condition/cold														
				Turn around time: Standard **														

Sample disposal Instructions: Disposal @ \$2.00 each _____ Return to client _____ Pickup _____

2.8°C

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T 262132

Client Name: Northstar Environmental

Project: Genesis Solar Groundwater

Delivered by: ☒ Client ☐ SunStar Courier ☐ GLS ☐ FedEx ☐ Other

If Courier, Received by: _____

Date/Time Courier
Received: _____

Lab Received by: Paul

Date/Time Lab
Received: 6-12-26 10:30

Total number of coolers received: _____ Thermometer ID: SC-1 Calibration due: 11/12/2026

Temperature: Cooler #1 2.7 °C +/- the CF (+ 0.1°C) = 2.8 °C corrected temperature

Temperature: Cooler #2 _____ °C +/- the CF (+ 0.1°C) = _____ °C corrected temperature

Temperature: Cooler #3 _____ °C +/- the CF (+ 0.1°C) = _____ °C corrected temperature

**Temperature criteria = ≤ 6°C
(no frozen containers)**

Within criteria?

☒ Yes ☐ No ☐ N/A

If NO:

Samples received on ice?

☐ Yes

☐ No →

Complete Non-Conformance Sheet

If on ice, samples received same day collected?

☐ Yes → Acceptable

☐ No →

Complete Non-Conformance Sheet

Custody seals intact on cooler/sample

☐ Yes ☐ No* ☒ N/A

Sample containers intact

☒ Yes ☐ No*

Sample labels match Chain of Custody IDs

☒ Yes ☐ No*

Total number of containers received match COC

☒ Yes ☐ No*

Proper containers received for analyses requested on COC

☒ Yes ☐ No*

Proper preservative indicated on COC/containers for analyses requested

☒ Yes ☐ No* ☐ N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times

☒ Yes ☐ No*

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: DS 6-12-26

Comments: _____



ANALYTICAL REPORT

PREPARED FOR

Attn: Jeff Lee
SunStar Laboratories Inc
25712 Commercentre Drive
Lake Forest, California 92630

Generated 6/24/2026 10:48:36 AM

JOB DESCRIPTION

T262132

JOB NUMBER

570-283703-1

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Generated
6/24/2026 10:48:36 AM

Authorized for release by
Sandy Tat, Project Manager I
Sandy.Tat@et.eurofinsus.com
(714)895-5494

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	12
Lab Chronicle	13
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receipt Checklists	20



Definitions/Glossary

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: SunStar Laboratories Inc
Project: T262132

Job ID: 570-283703-1

Job ID: 570-283703-1

Eurofins Calscience

Job Narrative 570-283703-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 6/15/2026 10:17 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Calscience

Detection Summary

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Client Sample ID: T262132-01

Lab Sample ID: 570-283703-1

No Detections.

Client Sample ID: T262132-02

Lab Sample ID: 570-283703-2

No Detections.

Client Sample ID: T262132-03

Lab Sample ID: 570-283703-3

No Detections.

Client Sample ID: T262132-04

Lab Sample ID: 570-283703-4

No Detections.

Client Sample ID: T262132-05

Lab Sample ID: 570-283703-5

No Detections.

Client Sample ID: T262132-06

Lab Sample ID: 570-283703-6

No Detections.

Client Sample ID: T262132-07

Lab Sample ID: 570-283703-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: T262132-01
Date Collected: 06/11/26 11:20
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283703-1
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		97	ug/L		06/17/26 09:30	06/18/26 18:03	1
1,1'-Biphenyl	ND		97	ug/L		06/17/26 09:30	06/18/26 18:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	95		53 - 151			06/17/26 09:30	06/18/26 18:03	1

Client Sample ID: T262132-02
Date Collected: 06/11/26 10:17
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283703-2
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		99	ug/L		06/17/26 09:30	06/18/26 18:28	1
1,1'-Biphenyl	ND		99	ug/L		06/17/26 09:30	06/18/26 18:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	94		53 - 151			06/17/26 09:30	06/18/26 18:28	1

Client Sample ID: T262132-03
Date Collected: 06/11/26 10:07
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283703-3
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		98	ug/L		06/17/26 09:30	06/18/26 18:53	1
1,1'-Biphenyl	ND		98	ug/L		06/17/26 09:30	06/18/26 18:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	86		53 - 151			06/17/26 09:30	06/18/26 18:53	1

Client Sample ID: T262132-04
Date Collected: 06/11/26 11:40
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283703-4
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		97	ug/L		06/17/26 09:30	06/18/26 19:19	1
1,1'-Biphenyl	ND		97	ug/L		06/17/26 09:30	06/18/26 19:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	91		53 - 151			06/17/26 09:30	06/18/26 19:19	1

Client Sample ID: T262132-05
Date Collected: 06/11/26 12:00
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283703-5
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		100	ug/L		06/17/26 09:32	06/18/26 19:44	1
1,1'-Biphenyl	ND		100	ug/L		06/17/26 09:32	06/18/26 19:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	99		53 - 151			06/17/26 09:32	06/18/26 19:44	1

Client Sample ID: T262132-06
Date Collected: 06/11/26 12:10
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283703-6
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		99	ug/L		06/17/26 09:46	06/18/26 20:10	1
1,1'-Biphenyl	ND		99	ug/L		06/17/26 09:46	06/18/26 20:10	1

Eurofins Calscience

Client Sample Results

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	93		53 - 151	06/17/26 09:46	06/18/26 20:10	1

Client Sample ID: T262132-07
Date Collected: 06/11/26 00:00
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283703-7
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		98	ug/L		06/17/26 09:50	06/18/26 20:35	1
1,1'-Biphenyl	ND		98	ug/L		06/17/26 09:50	06/18/26 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	96		53 - 151	06/17/26 09:50	06/18/26 20:35	1

Surrogate Summary

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCSN1 (53-151)
570-283703-1	T262132-01	95
570-283703-1 MS	T262132-01	95
570-283703-1 MSD	T262132-01	103
570-283703-2	T262132-02	94
570-283703-3	T262132-03	86
570-283703-4	T262132-04	91
570-283703-5	T262132-05	99
570-283703-6	T262132-06	93
570-283703-7	T262132-07	96
LCS 570-755522/2-A	Lab Control Sample	92
LCSD 570-755522/3-A	Lab Control Sample Dup	97
MB 570-755522/1-A	Method Blank	102

Surrogate Legend

OTCSN = n-Octacosane (Surr)

QC Sample Results

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-755522/1-A

Matrix: Water

Analysis Batch: 756393

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 755522

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		100	ug/L		06/17/26 09:27	06/18/26 15:30	1
1,1'-Biphenyl	ND		100	ug/L		06/17/26 09:27	06/18/26 15:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	102		53 - 151			06/17/26 09:27	06/18/26 15:30	1

Lab Sample ID: LCS 570-755522/2-A

Matrix: Water

Analysis Batch: 756393

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 755522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene, 1,1'-oxybis-	1000	819.7		ug/L		82	57 - 120
1,1'-Biphenyl	1000	812.5		ug/L		81	45 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Octacosane (Surr)	92		53 - 151				

Lab Sample ID: LCSD 570-755522/3-A

Matrix: Water

Analysis Batch: 756393

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 755522

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene, 1,1'-oxybis-	1000	936.3		ug/L		94	57 - 120	13	20
1,1'-Biphenyl	1000	927.9		ug/L		93	45 - 120	13	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane (Surr)	97		53 - 151						

Lab Sample ID: 570-283703-1 MS

Matrix: Water

Analysis Batch: 756393

Client Sample ID: T262132-01

Prep Type: Total/NA

Prep Batch: 755522

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene, 1,1'-oxybis-	ND		989	890.2		ug/L		90	57 - 120
1,1'-Biphenyl	ND		989	884.3		ug/L		89	45 - 120
Surrogate	MS %Recovery	MS Qualifier	Limits						
n-Octacosane (Surr)	95		53 - 151						

Lab Sample ID: 570-283703-1 MSD

Matrix: Water

Analysis Batch: 756393

Client Sample ID: T262132-01

Prep Type: Total/NA

Prep Batch: 755522

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene, 1,1'-oxybis-	ND		994	966.2		ug/L		97	57 - 120	8	20
1,1'-Biphenyl	ND		994	960.4		ug/L		97	45 - 120	8	20

Eurofins Calscience

QC Sample Results

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-283703-1 MSD

Matrix: Water

Analysis Batch: 756393

Client Sample ID: T262132-01

Prep Type: Total/NA

Prep Batch: 755522

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
n-Octacosane (Surr)	103		53 - 151

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

QC Association Summary

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

GC Semi VOA

Prep Batch: 755522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-283703-1	T262132-01	Total/NA	Water	3510C	
570-283703-2	T262132-02	Total/NA	Water	3510C	
570-283703-3	T262132-03	Total/NA	Water	3510C	
570-283703-4	T262132-04	Total/NA	Water	3510C	
570-283703-5	T262132-05	Total/NA	Water	3510C	
570-283703-6	T262132-06	Total/NA	Water	3510C	
570-283703-7	T262132-07	Total/NA	Water	3510C	
MB 570-755522/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-755522/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-755522/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
570-283703-1 MS	T262132-01	Total/NA	Water	3510C	
570-283703-1 MSD	T262132-01	Total/NA	Water	3510C	

Analysis Batch: 756393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-283703-1	T262132-01	Total/NA	Water	8015B	755522
570-283703-2	T262132-02	Total/NA	Water	8015B	755522
570-283703-3	T262132-03	Total/NA	Water	8015B	755522
570-283703-4	T262132-04	Total/NA	Water	8015B	755522
570-283703-5	T262132-05	Total/NA	Water	8015B	755522
570-283703-6	T262132-06	Total/NA	Water	8015B	755522
570-283703-7	T262132-07	Total/NA	Water	8015B	755522
MB 570-755522/1-A	Method Blank	Total/NA	Water	8015B	755522
LCS 570-755522/2-A	Lab Control Sample	Total/NA	Water	8015B	755522
LCSD 570-755522/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	755522
570-283703-1 MS	T262132-01	Total/NA	Water	8015B	755522
570-283703-1 MSD	T262132-01	Total/NA	Water	8015B	755522

Lab Chronicle

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Client Sample ID: T262132-01

Lab Sample ID: 570-283703-1

Date Collected: 06/11/26 11:20

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			256.55 mL	2.5 mL	755522	06/17/26 09:30	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 18:03	H6FE	EET CAL 4
Instrument ID: GC70B										

Client Sample ID: T262132-02

Lab Sample ID: 570-283703-2

Date Collected: 06/11/26 10:17

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			252.67 mL	2.5 mL	755522	06/17/26 09:30	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 18:28	H6FE	EET CAL 4
Instrument ID: GC70B										

Client Sample ID: T262132-03

Lab Sample ID: 570-283703-3

Date Collected: 06/11/26 10:07

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			256.28 mL	2.5 mL	755522	06/17/26 09:30	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 18:53	H6FE	EET CAL 4
Instrument ID: GC70B										

Client Sample ID: T262132-04

Lab Sample ID: 570-283703-4

Date Collected: 06/11/26 11:40

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			257.06 mL	2.5 mL	755522	06/17/26 09:30	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 19:19	H6FE	EET CAL 4
Instrument ID: GC70B										

Client Sample ID: T262132-05

Lab Sample ID: 570-283703-5

Date Collected: 06/11/26 12:00

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			251.19 mL	2.5 mL	755522	06/17/26 09:32	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 19:44	H6FE	EET CAL 4
Instrument ID: GC70B										

Lab Chronicle

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Client Sample ID: T262132-06

Lab Sample ID: 570-283703-6

Date Collected: 06/11/26 12:10

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			253.51 mL	2.5 mL	755522	06/17/26 09:46	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 20:10	H6FE	EET CAL 4
Instrument ID: GC70B										

Client Sample ID: T262132-07

Lab Sample ID: 570-283703-7

Date Collected: 06/11/26 00:00

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			253.85 mL	2.5 mL	755522	06/17/26 09:50	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 20:35	H6FE	EET CAL 4
Instrument ID: GC70B										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-27

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Method	Method Description	Protocol	Laboratory
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: SunStar Laboratories Inc
Project/Site: T262132

Job ID: 570-283703-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-283703-1	T262132-01	Water	06/11/26 11:20	06/15/26 10:17	California
570-283703-2	T262132-02	Water	06/11/26 10:17	06/15/26 10:17	California
570-283703-3	T262132-03	Water	06/11/26 10:07	06/15/26 10:17	California
570-283703-4	T262132-04	Water	06/11/26 11:40	06/15/26 10:17	California
570-283703-5	T262132-05	Water	06/11/26 12:00	06/15/26 10:17	California
570-283703-6	T262132-06	Water	06/11/26 12:10	06/15/26 10:17	California
570-283703-7	T262132-07	Water	06/11/26 00:00	06/15/26 10:17	California

SUBCONTRACT ORDER

SunStar Laboratories, Inc.

T262132

Loc: 570

283703

SENDING LABORATORY:

SunStar Laboratories, Inc.
25712 Commercentre Drive
Lake Forest, CA 92630
Phone: (949) 297-5020
Fax: (949) 297-5027
Project Manager: Jeff Lee

RECEIVING LABORATORY:

Eurofins Calscience (Tustin)
2841 Dow Ave, Suite 100
Tustin, CA 92780
Phone: (949) 261-1022
Fax: N/A



570-283703 Chain of Custody

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: T262132-01	Water	Sampled:06/11/26 11:20		
Misc Water Testing #1	06/19/26 15:00	12/08/26 11:20		8015M- Therminol (Normal TAT)
Containers Supplied:				
1L Amber- Unpres. (A)				
Sample ID: T262132-02	Water	Sampled:06/11/26 10:17		
Misc Water Testing #1	06/19/26 15:00	12/08/26 10:17		8015M- Therminol (Normal TAT)
Containers Supplied:				
1L Amber- Unpres. (A)				
Sample ID: T262132-03	Water	Sampled:06/11/26 10:07		
Misc Water Testing #1	06/19/26 15:00	12/08/26 10:07		8015M- Therminol (Normal TAT)
Containers Supplied:				
1L Amber- Unpres. (A)				
Sample ID: T262132-04	Water	Sampled:06/11/26 11:40		
Misc Water Testing #1	06/19/26 15:00	12/08/26 11:40		8015M- Therminol (Normal TAT)
Containers Supplied:				
1L Amber- Unpres. (A)				
Sample ID: T262132-05	Water	Sampled:06/11/26 12:00		
Misc Water Testing #1	06/19/26 15:00	12/08/26 12:00		8015M- Therminol (Normal TAT)
Containers Supplied:				
1L Amber- Unpres. (A)				
Sample ID: T262132-06	Water	Sampled:06/11/26 12:10		
Misc Water Testing #1	06/19/26 15:00	12/08/26 12:10		8015M- Therminol (Normal TAT)
Containers Supplied:				
1L Amber- Unpres. (A)				

Released By

Date

Received By

Date

Released By

Date

Received By

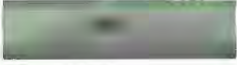
Date

283703

SUBCONTRACT ORDER

SunStar Laboratories, Inc.

T262132

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: T262132-07	Water	Sampled:06/11/26 00:00		
Misc Water Testing #1	06/19/26 15:00	12/08/26 00:00		8015M- Therminol (Normal TAT)
Containers Supplied:				
1L Amber- Unpres. (A)				

Released By	<i>Mite</i>	Date	<i>6/15/26</i>	10:17	Received By	<i>[Signature]</i>	Date	<i>6/15/26</i>	10:17
Released By		Date			Received By		Date		

Login Sample Receipt Checklist

Client: SunStar Laboratories Inc

Job Number: 570-283703-1

Login Number: 283703

List Number: 1

Creator: Vitente, Precy

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Lab #: 1013589**Job #:** 66735**Co. Job#:** T262132**Sample Name:** T262132-01**Company:** SunStar Laboratories, Inc**Container:** 250ml Plastic Bottle**Date Sampled:** 06/11/2026 11:20**Date Received:** 06/16/2026**Date Reported:** 06/25/2026

δ D of water	-75.0‰ relative to VSMOW
---------------------	--------------------------

$\delta^{18}\text{O}$ of water	-10.35‰ relative to VSMOW
--------------------------------	---------------------------

Tritium content of water	na
--------------------------	----

$\delta^{13}\text{C}$ of DIC	na
------------------------------	----

^{14}C content of DIC	na
--------------------------------	----

$\delta^{15}\text{N}$ of nitrate	na
----------------------------------	----

$\delta^{18}\text{O}$ of nitrate	na
----------------------------------	----

δ^{34} of sulfate	na
--------------------------	----

$\delta^{18}\text{O}$ of sulfate	na
----------------------------------	----

DIC Concentration	na
-------------------	----

Vacuum Distilled? *	No
---------------------	----

Remarks:

nd = not detected. na = not analyzed.

*Indicates if vacuum distillation was utilized for hydrogen and oxygen isotopic analysis of water

Lab #: 1013590**Job #:** 66735**Co. Job#:** T262132**Sample Name:** T262132-02**Company:** SunStar Laboratories, Inc**Container:** 250ml Plastic Bottle**Date Sampled:** 06/11/2026 10:17**Date Received:** 06/16/2026**Date Reported:** 06/25/2026

δ D of water	-59.2‰ relative to VSMOW
---------------------	--------------------------

$\delta^{18}\text{O}$ of water	-6.79‰ relative to VSMOW
--------------------------------	--------------------------

Tritium content of water	na
--------------------------	----

$\delta^{13}\text{C}$ of DIC	na
------------------------------	----

^{14}C content of DIC	na
--------------------------------	----

$\delta^{15}\text{N}$ of nitrate	na
----------------------------------	----

$\delta^{18}\text{O}$ of nitrate	na
----------------------------------	----

δ^{34} of sulfate	na
--------------------------	----

$\delta^{18}\text{O}$ of sulfate	na
----------------------------------	----

DIC Concentration	na
-------------------	----

Vacuum Distilled? *	No
---------------------	----

Remarks:

nd = not detected. na = not analyzed.

*Indicates if vacuum distillation was utilized for hydrogen and oxygen isotopic analysis of water

Lab #: 1013591**Job #:** 66735**Co. Job#:** T262132**Sample Name:** T262132-03**Company:** SunStar Laboratories, Inc**Container:** 250ml Plastic Bottle**Date Sampled:** 06/11/2026 10:07**Date Received:** 06/16/2026**Date Reported:** 06/25/2026

δD of water	-60.5‰ relative to VSMOW
---------------------	--------------------------

$\delta^{18}O$ of water	-7.16‰ relative to VSMOW
-------------------------	--------------------------

Tritium content of water	na
--------------------------	----

$\delta^{13}C$ of DIC	na
-----------------------	----

^{14}C content of DIC	na
-------------------------	----

$\delta^{15}N$ of nitrate	na
---------------------------	----

$\delta^{18}O$ of nitrate	na
---------------------------	----

δ^{34} of sulfate	na
--------------------------	----

$\delta^{18}O$ of sulfate	na
---------------------------	----

DIC Concentration	na
-------------------	----

Vacuum Distilled? *	No
---------------------	----

Remarks:

nd = not detected. na = not analyzed.

*Indicates if vacuum distillation was utilized for hydrogen and oxygen isotopic analysis of water

Lab #: 1013592**Job #:** 66735**Co. Job#:** T262132**Sample Name:** T262132-04**Company:** SunStar Laboratories, Inc**Container:** 250ml Plastic Bottle**Date Sampled:** 06/11/2026 11:40**Date Received:** 06/16/2026**Date Reported:** 06/25/2026

δD of water	-77.1‰ relative to VSMOW
---------------------	--------------------------

$\delta^{18}O$ of water	-10.20‰ relative to VSMOW
-------------------------	---------------------------

Tritium content of water	na
--------------------------	----

$\delta^{13}C$ of DIC	na
-----------------------	----

^{14}C content of DIC	na
-------------------------	----

$\delta^{15}N$ of nitrate	na
---------------------------	----

$\delta^{18}O$ of nitrate	na
---------------------------	----

δ^{34} of sulfate	na
--------------------------	----

$\delta^{18}O$ of sulfate	na
---------------------------	----

DIC Concentration	na
-------------------	----

Vacuum Distilled? *	No
---------------------	----

Remarks:

nd = not detected. na = not analyzed.

*Indicates if vacuum distillation was utilized for hydrogen and oxygen isotopic analysis of water

Lab #: 1013593**Job #:** 66735**Co. Job#:** T262132**Sample Name:** T262132-05**Company:** SunStar Laboratories, Inc**Container:** 250ml Plastic Bottle**Date Sampled:** 06/11/2026 12:00**Date Received:** 06/16/2026**Date Reported:** 06/25/2026

δD of water	-76.3‰ relative to VSMOW
---------------------	--------------------------

$\delta^{18}O$ of water	-10.08‰ relative to VSMOW
-------------------------	---------------------------

Tritium content of water	na
--------------------------	----

$\delta^{13}C$ of DIC	na
-----------------------	----

^{14}C content of DIC	na
-------------------------	----

$\delta^{15}N$ of nitrate	na
---------------------------	----

$\delta^{18}O$ of nitrate	na
---------------------------	----

δ^{34} of sulfate	na
--------------------------	----

$\delta^{18}O$ of sulfate	na
---------------------------	----

DIC Concentration	na
-------------------	----

Vacuum Distilled? *	No
---------------------	----

Remarks:

nd = not detected. na = not analyzed.

*Indicates if vacuum distillation was utilized for hydrogen and oxygen isotopic analysis of water

Lab #: 1013594**Job #:** 66735**Co. Job#:** T262132**Sample Name:** T262132-06**Company:** SunStar Laboratories, Inc**Container:** 250ml Plastic Bottle**Date Sampled:** 06/11/2026 12:10**Date Received:** 06/16/2026**Date Reported:** 06/25/2026

δD of water	-78.1‰ relative to VSMOW
---------------------	--------------------------

$\delta^{18}O$ of water	-10.36‰ relative to VSMOW
-------------------------	---------------------------

Tritium content of water	na
--------------------------	----

$\delta^{13}C$ of DIC	na
-----------------------	----

^{14}C content of DIC	na
-------------------------	----

$\delta^{15}N$ of nitrate	na
---------------------------	----

$\delta^{18}O$ of nitrate	na
---------------------------	----

δ^{34} of sulfate	na
--------------------------	----

$\delta^{18}O$ of sulfate	na
---------------------------	----

DIC Concentration	na
-------------------	----

Vacuum Distilled? *	No
---------------------	----

Remarks:

nd = not detected. na = not analyzed.

*Indicates if vacuum distillation was utilized for hydrogen and oxygen isotopic analysis of water

Lab #: 1013595**Job #:** 66735**Co. Job#:** T262132**Sample Name:** T262132-07**Company:** SunStar Laboratories, Inc**Container:** 250ml Plastic Bottle**Date Sampled:** 06/11/2026 00:00**Date Received:** 06/16/2026**Date Reported:** 06/25/2026

δD of water	-77.9‰ relative to VSMOW
---------------------	--------------------------

$\delta^{18}O$ of water	-10.29‰ relative to VSMOW
-------------------------	---------------------------

Tritium content of water	na
--------------------------	----

$\delta^{13}C$ of DIC	na
-----------------------	----

^{14}C content of DIC	na
-------------------------	----

$\delta^{15}N$ of nitrate	na
---------------------------	----

$\delta^{18}O$ of nitrate	na
---------------------------	----

δ^{34} of sulfate	na
--------------------------	----

$\delta^{18}O$ of sulfate	na
---------------------------	----

DIC Concentration	na
-------------------	----

Vacuum Distilled? *	No
---------------------	----

Remarks:

nd = not detected. na = not analyzed.

*Indicates if vacuum distillation was utilized for hydrogen and oxygen isotopic analysis of water

WORK ORDER

T262132

Client: Northstar Environmental Remediation

Project Manager: Jeff Lee

Project: Genesis Solar Groundwater

Project Number: 196-004-07

Report To:

Northstar Environmental Remediation
Arlin Brewster
26225 Enterprise Court
Lake Forest, CA 92630

Date Due: 06/19/26 17:00 (5 day TAT)

Received By: Paul Berner

Date Received: 06/12/26 10:30

Logged In By: Alan Su

Date Logged In: 06/12/26 11:31

Samples Received at: **2.8°C**
Custody Seals No Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirmed Yes

Analysis	Due	TAT	Expires	Comments
T262132-01 23a [Water] Sampled 06/11/26 11:20 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 11:20	Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 11:20	Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 11:20	Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO ₄	06/19/26 15:00	5	07/09/26 11:20	Chloride,Sulfate only Dil @ 20x
300.0 - NO ₂ , NO ₃ , PO ₄	06/19/26 15:00	5	06/13/26 11:20	Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 11:20	
Conductivity	06/19/26 15:00	5	07/09/26 11:20	
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 11:20	
TDS	06/19/26 15:00	5	06/18/26 11:20	

T262132-02 OBS-1 [Water] Sampled 06/11/26 10:17 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 10:17	Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 10:17	Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 10:17	Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO ₄	06/19/26 15:00	5	07/09/26 10:17	Chloride,Sulfate only Dil @ 20x
300.0 - NO ₂ , NO ₃ , PO ₄	06/19/26 15:00	5	06/13/26 10:17	Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 10:17	
Conductivity	06/19/26 15:00	5	07/09/26 10:17	
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 10:17	
TDS	06/19/26 15:00	5	06/18/26 10:17	

WORK ORDER

T262132

Client: Northstar Environmental Remediation

Project Manager: Jeff Lee

Project: Genesis Solar Groundwater

Project Number: 196-004-07

Analysis	Due	TAT	Expires	Comments
T262132-03 TW-1 [Water] Sampled 06/11/26 10:07 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 10:07	Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 10:07	Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 10:07	Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO4	06/19/26 15:00	5	07/09/26 10:07	Chloride,Sulfate only Dil @ 20x
300.0 - NO2, NO3, PO4	06/19/26 15:00	5	06/13/26 10:07	Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 10:07	
Conductivity	06/19/26 15:00	5	07/09/26 10:07	
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 10:07	
TDS	06/19/26 15:00	5	06/18/26 10:07	
T262132-04 TW-2 [Water] Sampled 06/11/26 11:40 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 11:40	Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 11:40	Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 11:40	Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO4	06/19/26 15:00	5	07/09/26 11:40	Chloride,Sulfate only Dil @ 20x
300.0 - NO2, NO3, PO4	06/19/26 15:00	5	06/13/26 11:40	Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 11:40	
Conductivity	06/19/26 15:00	5	07/09/26 11:40	
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 11:40	
TDS	06/19/26 15:00	5	06/18/26 11:40	
T262132-05 PW-0 [Water] Sampled 06/11/26 12:00 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 12:00	Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 12:00	Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 12:00	Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO4	06/19/26 15:00	5	07/09/26 12:00	Chloride,Sulfate,Flouride only Dil @ 20x
300.0 - NO2, NO3, PO4	06/19/26 15:00	5	06/13/26 12:00	Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 12:00	
Conductivity	06/19/26 15:00	5	07/09/26 12:00	
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 12:00	
TDS	06/19/26 15:00	5	06/18/26 12:00	

WORK ORDER

T262132

Client: Northstar Environmental Remediation

Project Manager: Jeff Lee

Project: Genesis Solar Groundwater

Project Number: 196-004-07

Analysis	Due	TAT	Expires	Comments
T262132-06 PW-2 [Water] Sampled 06/11/26 12:10 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 12:10	Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 12:10	Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 12:10	Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO4	06/19/26 15:00	5	07/09/26 12:10	Chloride,Sulfate,Flouride only Dil @ 20x
300.0 - NO2, NO3, PO4	06/19/26 15:00	5	06/13/26 12:10	Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 12:10	
Conductivity	06/19/26 15:00	5	07/09/26 12:10	
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 12:10	
TDS	06/19/26 15:00	5	06/18/26 12:10	

T262132-07 DUP [Water] Sampled 06/11/26 00:00 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 00:00	Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 00:00	Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 00:00	Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO4	06/19/26 15:00	5	07/09/26 00:00	Chloride,Sulfate only Dil @ 20x
300.0 - NO2, NO3, PO4	06/19/26 15:00	5	06/13/26 00:00	Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 00:00	
Conductivity	06/19/26 15:00	5	07/09/26 00:00	
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 00:00	
TDS	06/19/26 15:00	5	06/18/26 00:00	

Eurofins Calscience (Tustin)

T262132-01 23a [Water] Sampled 06/11/26 11:20 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 11:20	8015M- Therminol (Normal TAT)

T262132-02 OBS-1 [Water] Sampled 06/11/26 10:17 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 10:17	8015M- Therminol (Normal TAT)

T262132-03 TW-1 [Water] Sampled 06/11/26 10:07 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 10:07	8015M- Therminol (Normal TAT)

T262132-04 TW-2 [Water] Sampled 06/11/26 11:40 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 11:40	8015M- Therminol (Normal TAT)

WORK ORDER

T262132

Client: Northstar Environmental Remediation

Project Manager: Jeff Lee

Project: Genesis Solar Groundwater

Project Number: 196-004-07

Analysis	Due	TAT	Expires	Comments
Eurofins Calscience (Tustin)				
T262132-05 PW-0 [Water] Sampled 06/11/26 12:00 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 12:00	8015M- Therminol (Normal TAT)
T262132-06 PW-2 [Water] Sampled 06/11/26 12:10 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 12:10	8015M- Therminol (Normal TAT)
T262132-07 DUP [Water] Sampled 06/11/26 00:00 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 00:00	8015M- Therminol (Normal TAT)
Isotech Laboratories, Inc.				
T262132-01 23a [Water] Sampled 06/11/26 11:20 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #2	06/19/26 15:00	5	12/08/26 11:20	Deuterium,Oxygen-18 (Normal TAT)
T262132-02 OBS-1 [Water] Sampled 06/11/26 10:17 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #2	06/19/26 15:00	5	12/08/26 10:17	Deuterium,Oxygen-18 (Normal TAT)
T262132-03 TW-1 [Water] Sampled 06/11/26 10:07 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #2	06/19/26 15:00	5	12/08/26 10:07	Deuterium,Oxygen-18 (Normal TAT)
T262132-04 TW-2 [Water] Sampled 06/11/26 11:40 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #2	06/19/26 15:00	5	12/08/26 11:40	Deuterium,Oxygen-18 (Normal TAT)
T262132-05 PW-0 [Water] Sampled 06/11/26 12:00 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #2	06/19/26 15:00	5	12/08/26 12:00	Deuterium,Oxygen-18 (Normal TAT)
T262132-06 PW-2 [Water] Sampled 06/11/26 12:10 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #2	06/19/26 15:00	5	12/08/26 12:10	Deuterium,Oxygen-18 (Normal TAT)
T262132-07 DUP [Water] Sampled 06/11/26 00:00 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #2	06/19/26 15:00	5	12/08/26 00:00	Deuterium,Oxygen-18 (Normal TAT)



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

30 June 2026

Arlin Brewster
Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest, CA 92630
RE: Genesis Solar Groundwater

Enclosed are the results of analyses for samples received by the laboratory on 06/12/26 10:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jeff Lee
Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DM-1	T262133-01	Water	06/11/26 13:35	06/12/26 10:30
DM-2	T262133-02	Water	06/11/26 14:35	06/12/26 10:30
DM-3	T262133-03	Water	06/11/26 15:40	06/12/26 10:30
North Pond	T262133-04	Water	06/11/26 12:45	06/12/26 10:30
South Pond	T262133-05	Water	06/11/26 13:00	06/12/26 10:30

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

DETECTIONS SUMMARY

Sample ID: DM-1

Laboratory ID: T262133-01

No Results Detected

Calcium	290	50	mg/l	EPA 200.7	FILT
Magnesium	72	10	mg/l	EPA 200.7	FILT
Sodium	4600	100	mg/l	EPA 200.7	FILT
pH	8.0	0.10	pH Units	SM 4500-H+B	
Total Dissolved Solids	11000	10	mg/l	TDS by SM2540C	
Specific Conductance (EC)	18000	10.0	mho/cm @25°C	SM2510b mod.	
Chloride	4980	500	mg/l	EPA 300.0	
Sulfate as SO ₄	1930	500	mg/l	EPA 300.0	
Nitrate as NO ₃	8.25	0.500	mg/l	EPA 300.0	
Nitrate as N	1.86	0.200	mg/l	EPA 300.0	

Sample ID: DM-2

Laboratory ID: T262133-02

No Results Detected

Calcium	310	50	mg/l	EPA 200.7	FILT
Magnesium	75	10	mg/l	EPA 200.7	FILT
Sodium	4700	100	mg/l	EPA 200.7	FILT
Total Dissolved Solids	12000	10	mg/l	TDS by SM2540C	
pH	8.0	0.10	pH Units	SM 4500-H+B	
Specific Conductance (EC)	18400	10.0	mho/cm @25°C	SM2510b mod.	
Chloride	4930	500	mg/l	EPA 300.0	
Sulfate as SO ₄	2000	500	mg/l	EPA 300.0	
Nitrate as NO ₃	10.9	0.500	mg/l	EPA 300.0	
Nitrate as N	2.47	0.200	mg/l	EPA 300.0	

Sample ID: DM-3

Laboratory ID: T262133-03

No Results Detected

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

Sample ID: DM-3

Laboratory ID: T262133-03

Analyte	Reporting		Units	Method	Notes
	Result	Limit			
Calcium	280	50	mg/l	EPA 200.7	FILT
Magnesium	65	10	mg/l	EPA 200.7	FILT
Sodium	4500	100	mg/l	EPA 200.7	FILT
Total Dissolved Solids	11000	10	mg/l	TDS by SM2540C	
pH	8.0	0.10	pH Units	SM 4500-H+B	
Specific Conductance (EC)	17600	10.0	mho/cm @25°C	SM2510b mod.	
Chloride	5210	500	mg/l	EPA 300.0	
Sulfate as SO4	2140	500	mg/l	EPA 300.0	
Nitrate as NO3	2.19	0.500	mg/l	EPA 300.0	
Nitrate as N	0.495	0.200	mg/l	EPA 300.0	

Sample ID: North Pond

Laboratory ID: T262133-04

No Results Detected

Arsenic	1000	500	ug/l	200.8	FILT
Calcium	620	50	mg/l	EPA 200.7	FILT
Magnesium	26	10	mg/l	EPA 200.7	FILT
Potassium	910	200	mg/l	EPA 200.7	FILT
Zinc	660	500	ug/l	200.8	FILT
Sodium	84000	500	mg/l	EPA 200.7	FILT
Total Dissolved Solids	180000	10	mg/l	TDS by SM2540C	
pH	8.2	0.10	pH Units	SM 4500-H+B	
Specific Conductance (EC)	202000	10.0	mho/cm @25°C	SM2510b mod.	
Chloride	74200	5000	mg/l	EPA 300.0	
Sulfate as SO4	18100	5000	mg/l	EPA 300.0	

Sample ID: South Pond

Laboratory ID: T262133-05

No Results Detected

Arsenic	1400	500	ug/l	200.8	FILT
Calcium	420	50	mg/l	EPA 200.7	FILT
Magnesium	46	10	mg/l	EPA 200.7	FILT
Potassium	800	400	mg/l	EPA 200.7	FILT

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

Sample ID: South Pond

Laboratory ID: T262133-05

Analyte	Result	Reporting		Method	Notes
		Limit	Units		
Sodium	130000	500	mg/l	EPA 200.7	FILT
Total Dissolved Solids	310000	10	mg/l	TDS by SM2540C	
pH	8.0	0.10	pH Units	SM 4500-H+B	
Specific Conductance (EC)	228000	10.0	mho/cm @25°C	SM2510b mod.	
Chloride	111000	5000	mg/l	EPA 300.0	
Sulfate as SO4	38100	5000	mg/l	EPA 300.0	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

DM-1
T262133-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	-----------------	-------	----------	-------	----------	----------	--------	-------

Eurofins Calscience

8015B

Benzene, 1,1'-oxybis-	ND	97	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	97	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		98 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	290	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	06/19/26	"	FILT
Iron	ND	20	"	"	"	"	06/19/26	"	FILT
Magnesium	72	10	"	"	"	"	"	"	FILT
Potassium	ND	50	"	"	"	"	"	"	FILT
Sodium	4600	100	"	200	"	"	"	"	FILT
Antimony	ND	250	ug/l	500	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	ND	250	"	"	"	"	"	"	FILT, R-07
Barium	ND	250	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	250	"	"	"	"	"	"	FILT, R-07
Chromium	ND	250	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	250	"	"	"	"	"	"	FILT, R-07
Lead	ND	250	"	"	"	"	"	"	FILT, R-07
Nickel	ND	250	"	"	"	"	"	"	FILT, R-07
Selenium	ND	250	"	"	"	"	"	"	FILT, R-07
Zinc	ND	250	"	"	"	"	"	"	FILT, R-07

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

DM-1

T262133-01 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	5.00	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B
Specific Conductance (EC)	18000	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.
pH	8.0	0.10	pH Units	"	26F0322	06/12/26	06/15/26	SM 4500-H+B
Total Dissolved Solids	11000	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C

Anions by EPA Method 300.0

Chloride	4980	500	mg/l	100	26F0304	06/12/26	06/12/26	EPA 300.0
Sulfate as SO4	1930	500	"	"	"	"	"	"
Nitrate as NO3	8.25	0.500	"	1	"	"	06/12/26	"
Nitrate as N	1.86	0.200	"	"	"	"	"	"

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

DM-2
T262133-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Eurofins Calscience									
8015B									
Benzene, 1,1'-oxybis-	ND	99	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	99	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		95 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	310	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	06/19/26	"	FILT
Iron	ND	20	"	"	"	"	06/19/26	"	FILT
Magnesium	75	10	"	"	"	"	"	"	FILT
Potassium	ND	50	"	"	"	"	"	"	FILT
Sodium	4700	100	"	200	"	"	"	"	FILT
Antimony	ND	250	ug/l	500	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	ND	250	"	"	"	"	"	"	FILT, R-07
Barium	ND	250	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	250	"	"	"	"	"	"	FILT, R-07
Chromium	ND	250	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	250	"	"	"	"	"	"	FILT, R-07
Lead	ND	250	"	"	"	"	"	"	FILT, R-07
Nickel	ND	250	"	"	"	"	"	"	FILT, R-07
Selenium	ND	250	"	"	"	"	"	"	FILT, R-07
Zinc	ND	250	"	"	"	"	"	"	FILT, R-07

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

DM-2

T262133-02 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	5.00	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B	
Specific Conductance (EC)	18400	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.	
pH	8.0	0.10	pH Units	"	26F0322	06/12/26	06/15/26	SM 4500-H+B	
Total Dissolved Solids	12000	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C	

Anions by EPA Method 300.0

Chloride	4930	500	mg/l	100	26F0304	06/12/26	06/12/26	EPA 300.0	
Sulfate as SO ₄	2000	500	"	"	"	"	"	"	
Nitrate as NO ₃	10.9	0.500	"	1	"	"	06/12/26	"	
Nitrate as N	2.47	0.200	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

DM-3

T262133-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Eurofins Calscience									
8015B									
Benzene, 1,1'-oxybis-	ND	99	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	99	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		92 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	280	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	06/19/26	"	FILT
Iron	ND	20	"	"	"	"	06/19/26	"	FILT
Magnesium	65	10	"	"	"	"	"	"	FILT
Potassium	ND	50	"	"	"	"	"	"	FILT
Sodium	4500	100	"	200	"	"	"	"	FILT
Antimony	ND	250	ug/l	500	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	ND	250	"	"	"	"	"	"	FILT, R-07
Barium	ND	250	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	250	"	"	"	"	"	"	FILT, R-07
Chromium	ND	250	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	250	"	"	"	"	"	"	FILT, R-07
Lead	ND	250	"	"	"	"	"	"	FILT, R-07
Nickel	ND	250	"	"	"	"	"	"	FILT, R-07
Selenium	ND	250	"	"	"	"	"	"	FILT, R-07
Zinc	ND	250	"	"	"	"	"	"	FILT, R-07

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

DM-3

T262133-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	5.00	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B
Specific Conductance (EC)	17600	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.
pH	8.0	0.10	pH Units	"	26F0322	06/12/26	06/15/26	SM 4500-H+B
Total Dissolved Solids	11000	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C

Anions by EPA Method 300.0

Chloride	5210	500	mg/l	100	26F0304	06/12/26	06/12/26	EPA 300.0
Sulfate as SO4	2140	500	"	"	"	"	"	"
Nitrate as NO3	2.19	0.500	"	1	"	"	06/12/26	"
Nitrate as N	0.495	0.200	"	"	"	"	"	"

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

North Pond
T262133-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Eurofins Calscience									
8015B									
Benzene, 1,1'-oxybis-	ND	93	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	93	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		71 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	620	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	06/19/26	"	FILT
Iron	ND	20	"	"	"	"	06/19/26	"	FILT
Magnesium	26	10	"	"	"	"	"	"	FILT
Potassium	910	200	"	400	"	"	"	"	FILT
Sodium	84000	500	"	1000	"	"	"	"	FILT
Antimony	ND	500	ug/l	"	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	1000	500	"	"	"	"	"	"	FILT
Barium	ND	500	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	500	"	"	"	"	"	"	FILT, R-07
Chromium	ND	500	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	500	"	"	"	"	"	"	FILT, R-07
Lead	ND	500	"	"	"	"	"	"	FILT, R-07
Nickel	ND	500	"	"	"	"	"	"	FILT, R-07
Selenium	ND	500	"	"	"	"	"	"	FILT, R-07
Zinc	660	500	"	"	"	"	"	"	FILT

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

North Pond
T262133-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	4.44	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B	
Specific Conductance (EC)	202000	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.	
pH	8.2	0.10	pH Units	"	26F0322	06/12/26	06/15/26	SM 4500-H+B	
Total Dissolved Solids	180000	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C	

Anions by EPA Method 300.0

Chloride	74200	5000	mg/l	1000	26F0304	06/12/26	06/12/26	EPA 300.0	
Sulfate as SO4	18100	5000	"	"	"	"	"	"	
Nitrate as NO3	ND	250	"	500	"	"	06/12/26	"	R-01
Nitrate as N	ND	100	"	"	"	"	"	"	R-01

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

South Pond
T262133-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Eurofins Calscience									
8015B									
Benzene, 1,1'-oxybis-	ND	99	ug/L	1	755522	06/17/26	06/18/26	8015B_DRO Diesel Range Organics (DRO) (GC)	
1,1'-Biphenyl	ND	99	"	"	"	"	"	"	
Surrogate: n-Octacosane (Surr)		82 %	53-151		"	"	"	"	

SunStar Laboratories, Inc.

Metals by EPA 200 Series Methods

Calcium	420	50	mg/l	100	26F0301	06/12/26	06/19/26	EPA 200.7	FILT
Copper	ND	0.50	"	"	"	"	06/19/26	"	FILT
Iron	ND	20	"	"	"	"	06/19/26	"	FILT
Magnesium	46	10	"	"	"	"	"	"	FILT
Potassium	800	400	"	800	"	"	"	"	FILT
Sodium	130000	500	"	1000	"	"	"	"	FILT
Antimony	ND	500	ug/l	"	26F0302	06/12/26	06/29/26	200.8	FILT, R-07
Arsenic	1400	500	"	"	"	"	"	"	FILT
Barium	ND	500	"	"	"	"	"	"	FILT, R-07
Cadmium	ND	500	"	"	"	"	"	"	FILT, R-07
Chromium	ND	500	"	"	"	"	"	"	FILT, R-07
Cobalt	ND	500	"	"	"	"	"	"	FILT, R-07
Lead	ND	500	"	"	"	"	"	"	FILT, R-07
Nickel	ND	500	"	"	"	"	"	"	FILT, R-07
Selenium	ND	500	"	"	"	"	"	"	FILT, R-07
Zinc	ND	500	"	"	"	"	"	"	FILT, R-07

Cold Vapor Extraction EPA 7470/7471

Mercury	ND	1.0	ug/l	1	26F0307	06/12/26	06/15/26	EPA 7470A Water	FILT
---------	----	-----	------	---	---------	----------	----------	--------------------	------

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

South Pond
T262133-05 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods

Oil & Grease	ND	4.04	mg/l	1	26F0324	06/17/26	06/17/26	EPA 1664B	
Specific Conductance (EC)	228000	10.0	umho/cm @25°C	"	26F0371	06/15/26	06/18/26	SM2510b mod.	
pH	8.0	0.10	pH Units	"	26F0322	06/12/26	06/15/26	SM 4500-H+B	
Total Dissolved Solids	310000	10	mg/l	"	26F0310	06/18/26	06/19/26	TDS by SM2540C	

Anions by EPA Method 300.0

Chloride	111000	5000	mg/l	1000	26F0304	06/12/26	06/12/26	EPA 300.0	
Sulfate as SO4	38100	5000	"	"	"	"	"	"	
Nitrate as NO3	ND	250	"	500	"	"	06/12/26	"	R-01
Nitrate as N	ND	100	"	"	"	"	"	"	R-01

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

Metals by EPA 200 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 26F0301 - EPA 3010A

Blank (26F0301-BLK1)

Prepared: 06/12/26 Analyzed: 06/19/26

Calcium	ND	0.50	mg/l
Copper	ND	0.005	"
Iron	ND	0.20	"
Magnesium	ND	0.10	"
Potassium	ND	0.50	"
Sodium	ND	0.50	"

LCS (26F0301-BS1)

Prepared: 06/12/26 Analyzed: 06/19/26

Calcium	2.19	0.50	mg/l	2.00	110	80-120
Copper	2.20	0.005	"	2.00	110	85-115
Iron	2.17	0.20	"	2.00	109	80-120
Magnesium	2.17	0.10	"	2.00	109	80-120
Potassium	2.07	0.50	"	2.00	104	80-120
Sodium	2.05	0.50	"	2.00	102	80-120

Matrix Spike (26F0301-MS1)

Source: T262132-01

Prepared: 06/12/26 Analyzed: 06/19/26

Calcium	37.1	50	mg/l	2.00	13.1	NR	70-130			QM-07
Copper	ND	0.50	"	2.00	ND		70-130			QM-05
Iron	ND	20	"	2.00	ND		70-130			QM-05
Magnesium	ND	10	"	2.00	ND		70-130			QM-05
Potassium	66.5	50	"	2.00	ND	NR	70-130			QM-07
Sodium	631	100	"	2.00	628	140	70-130			QM-05

Matrix Spike Dup (26F0301-MSD1)

Source: T262132-01

Prepared: 06/12/26 Analyzed: 06/19/26

Calcium	14.6	50	mg/l	2.00	13.1	74.4	70-130	87.1	30	QM-07
Copper	2.05	0.50	"	2.00	ND	103	70-130		30	
Iron	1.82	20	"	2.00	ND	91.0	70-130		30	
Magnesium	ND	10	"	2.00	ND		70-130		30	QM-05
Potassium	ND	50	"	2.00	ND		70-130		30	QM-07
Sodium	623	100	"	2.00	628	NR	70-130	1.25	30	QM-05

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

Metals by EPA 200 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 26F0302 - EPA 3010A

Blank (26F0302-BLK1)

Prepared: 06/12/26 Analyzed: 06/29/26

Antimony	ND	0.50	ug/l
Arsenic	ND	0.50	"
Barium	ND	0.50	"
Cadmium	ND	0.50	"
Chromium	ND	0.50	"
Cobalt	ND	0.50	"
Lead	ND	0.50	"
Nickel	ND	0.50	"
Selenium	ND	0.50	"
Zinc	ND	0.50	"

LCS (26F0302-BS1)

Prepared: 06/12/26 Analyzed: 06/29/26

Arsenic	27.6	0.50	ug/l	25.0	111	85-115
Barium	23.4	0.50	"	25.0	93.8	85-115
Cadmium	24.4	0.50	"	25.0	97.6	85-115
Chromium	26.2	0.50	"	25.0	105	85-115
Lead	24.4	0.50	"	25.0	97.4	85-115

Matrix Spike (26F0302-MS1)

Source: T262133-01

Prepared: 06/12/26 Analyzed: 06/29/26

Arsenic	25.0	250	ug/l	25.0	25.0	0.00	70-130		QM-07, R-07
Barium	45.0	250	"	25.0	25.0	80.0	70-130		R-07
Cadmium	25.0	250	"	25.0	ND	100	70-130		R-07
Chromium	30.0	250	"	25.0	10.0	80.0	70-130		R-07
Lead	ND	250	"	25.0	ND		70-130		QM-07, R-07

Matrix Spike Dup (26F0302-MSD1)

Source: T262133-01

Prepared: 06/12/26 Analyzed: 06/29/26

Arsenic	ND	250	ug/l	25.0	25.0	NR	70-130	20	QM-07, R-07
Barium	20.0	250	"	25.0	25.0	NR	70-130	76.9	QM-07, R-07
Cadmium	ND	250	"	25.0	ND		70-130	20	QM-07, R-07
Chromium	ND	250	"	25.0	10.0	NR	70-130	20	QM-07, R-07
Lead	ND	250	"	25.0	ND		70-130	20	QM-07, R-07

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 26F0307 - EPA 7470A Water

Blank (26F0307-BLK1)

Prepared: 06/12/26 Analyzed: 06/15/26

Mercury	ND	1.0	ug/l
---------	----	-----	------

LCS (26F0307-BS1)

Prepared: 06/12/26 Analyzed: 06/15/26

Mercury	5.85	1.0	ug/l	5.00	117	80-120
---------	------	-----	------	------	-----	--------

Matrix Spike (26F0307-MS1)

Source: T262132-01

Prepared: 06/12/26 Analyzed: 06/15/26

Mercury	5.82	1.0	ug/l	5.00	ND	116	80-120
---------	------	-----	------	------	----	-----	--------

Matrix Spike Dup (26F0307-MSD1)

Source: T262132-01

Prepared: 06/12/26 Analyzed: 06/15/26

Mercury	5.98	1.0	ug/l	5.00	ND	120	80-120	2.62	20
---------	------	-----	------	------	----	-----	--------	------	----

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 26F0310 - General Preparation

Blank (26F0310-BLK1)				Prepared: 06/18/26 Analyzed: 06/19/26			
Total Dissolved Solids	ND	10	mg/l				
LCS (26F0310-BS1)				Prepared: 06/18/26 Analyzed: 06/19/26			
Total Dissolved Solids	486	10	mg/l	500	97.2	80-120	
Duplicate (26F0310-DUP1)		Source: T262124-01		Prepared: 06/18/26 Analyzed: 06/19/26			
Total Dissolved Solids	331	10	mg/l	349	5.29	20	

Batch 26F0322 - General Preparation

Duplicate (26F0322-DUP1)		Source: T262133-01		Prepared: 06/12/26 Analyzed: 06/15/26						O-04
pH	7.88	0.10	pH Units		7.99			1.39	10	

Batch 26F0324 - 418.1 / 5520C&F Mod.

Blank (26F0324-BLK1)				Prepared & Analyzed: 06/17/26				
Oil & Grease	ND	5.00	mg/l					
LCS (26F0324-BS1)				Prepared & Analyzed: 06/17/26				
Oil & Grease	39.4	5.00	mg/l	39.6	99.5	78-114		
LCS Dup (26F0324-BSD1)				Prepared & Analyzed: 06/17/26				
Oil & Grease	40.9	5.00	mg/l	39.6	103	78-114	3.74	20

Batch 26F0371 - General Preparation

Duplicate (26F0371-DUP1)		Source: T262132-01		Prepared: 06/15/26 Analyzed: 06/18/26	
Specific Conductance (EC)	2670	10.0	umho/cm @25°C	2660	0.375 15

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager



25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

Anions by EPA Method 300.0 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 26F0304 - General Preparation

Blank (26F0304-BLK1)

Prepared & Analyzed: 06/12/26

Chloride	ND	5.00	mg/l
Sulfate as SO4	ND	5.00	"
Nitrate as NO3	ND	0.500	"
Nitrate as N	ND	0.200	"

LCS (26F0304-BS1)

Prepared & Analyzed: 06/12/26

Chloride	25.5	5.00	mg/l	25.0	102	75-125
Sulfate as SO4	25.8	5.00	"	25.0	103	75-125
Nitrate as NO3	28.3	0.500	"	25.0	113	75-125

Matrix Spike (26F0304-MS1)

Source: T262124-02

Prepared & Analyzed: 06/12/26

Chloride	26.8	5.00	mg/l	25.0	0.830	104	75-125		
Sulfate as SO4	28.4	5.00	"	25.0	28.8	NR	75-125		QM-07
Nitrate as NO3	36.8	0.500	"	25.0	32.2	18.6	75-125		QM-07

Matrix Spike Dup (26F0304-MSD1)

Source: T262124-02

Prepared & Analyzed: 06/12/26

Chloride	26.9	5.00	mg/l	25.0	0.830	104	75-125	0.488	20	
Sulfate as SO4	28.5	5.00	"	25.0	28.8	NR	75-125	0.412	20	QM-07
Nitrate as NO3	37.1	0.500	"	25.0	32.2	19.6	75-125	0.638	20	QM-07

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jeff Lee, Project Manager

Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest CA, 92630

Project: Genesis Solar Groundwater
Project Number: 196-004-07
Project Manager: Arlin Brewster

Reported:
06/30/26 17:21

Notes and Definitions

R-07 Reporting limit for this compound(s) has been raised to account for dilution necessary due to high levels of interfering compound(s) and/or matrix effect.

R-01 The Reporting Limit has been raised to account for dilution necessary due to matrix interference.

QM-07 The spike recovery and/or RPD was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The batch was accepted based on acceptable LCS recovery.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.

O-04 This sample was received and analyzed outside the EPA recommended holding time.

FILT The sample was filtered prior to analysis.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Jeff Lee, Project Manager

Chain of Custody Record

Date: _____ Page: 1 of 1
Project Name: Genesis Solar Groundwater
Collector: Arlin Brewster Client Project #: 196-004-07
Batch #: 7262133 EDF #: T10000006093

2.8°C

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #:

7262133

Client Name:

Northstar Environmental

Project:

Genesis Solar Groundwater

Delivered by:

☒ Client

☐ SunStar Courier

☐ GLS

☐ FedEx

☐ Other

If Courier, Received by:

Date/Time Courier

Received:

Lab Received by:

Paul

Date/Time Lab

Received:

6-12-26

10:30

Total number of coolers received:

Thermometer ID:

SC-1

Calibration due:

11/12/2026

Temperature: Cooler #1 2.7 °C +/- the CF (+ 0.1°C) = 2.8 °C corrected temperature

Temperature: Cooler #2 °C +/- the CF (+ 0.1°C) = °C corrected temperature

Temperature: Cooler #3 °C +/- the CF (+ 0.1°C) = °C corrected temperature

**Temperature criteria = ≤ 6°C
(no frozen containers)**

Within criteria?

☒ Yes

☐ No

☐ N/A

If NO:

Samples received on ice?

☐ Yes

☐ No →

Complete Non-Conformance Sheet

If on ice, samples received same day collected?

☐ Yes → Acceptable

☐ No →

Complete Non-Conformance Sheet

Custody seals intact on cooler/sample

☐ Yes

☐ No*

☒ N/A

Sample containers intact

☒ Yes

☐ No*

Sample labels match Chain of Custody IDs

☒ Yes

☐ No*

Total number of containers received match COC

☒ Yes

☐ No*

Proper containers received for analyses requested on COC

☒ Yes

☐ No*

Proper preservative indicated on COC/containers for analyses requested

☒ Yes

☐ No*

☐ N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times

☒ Yes

☐ No*

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date:

DS 6-12-26

Comments:



ANALYTICAL REPORT

PREPARED FOR

Attn: Jeff Lee
SunStar Laboratories Inc
25712 Commercentre Drive
Lake Forest, California 92630

Generated 6/24/2026 10:51:25 AM

JOB DESCRIPTION

T262133

JOB NUMBER

570-283704-1

Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



Generated
6/24/2026 10:51:25 AM

Authorized for release by
Sandy Tat, Project Manager I
Sandy.Tat@et.eurofinsus.com
(714)895-5494

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16



Definitions/Glossary

Client: SunStar Laboratories Inc
Project/Site: T262133

Job ID: 570-283704-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: SunStar Laboratories Inc
Project: T262133

Job ID: 570-283704-1

Job ID: 570-283704-1

Eurofins Calscience

Job Narrative 570-283704-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 6/15/2026 10:17 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Calscience

Detection Summary

Client: SunStar Laboratories Inc
Project/Site: T262133

Job ID: 570-283704-1

Client Sample ID: T262133-01

Lab Sample ID: 570-283704-1

No Detections.

Client Sample ID: T262133-02

Lab Sample ID: 570-283704-2

No Detections.

Client Sample ID: T262133-03

Lab Sample ID: 570-283704-3

No Detections.

Client Sample ID: T262133-04

Lab Sample ID: 570-283704-4

No Detections.

Client Sample ID: T262133-05

Lab Sample ID: 570-283704-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample Results

Client: SunStar Laboratories Inc
Project/Site: T262133

Job ID: 570-283704-1

Method: SW846 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: T262133-01
Date Collected: 06/11/26 13:35
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283704-1
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		97	ug/L		06/17/26 09:50	06/18/26 21:00	1
1,1'-Biphenyl	ND		97	ug/L		06/17/26 09:50	06/18/26 21:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	98		53 - 151			06/17/26 09:50	06/18/26 21:00	1

Client Sample ID: T262133-02
Date Collected: 06/11/26 14:35
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283704-2
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		99	ug/L		06/17/26 09:50	06/18/26 21:25	1
1,1'-Biphenyl	ND		99	ug/L		06/17/26 09:50	06/18/26 21:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	95		53 - 151			06/17/26 09:50	06/18/26 21:25	1

Client Sample ID: T262133-03
Date Collected: 06/11/26 15:40
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283704-3
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		99	ug/L		06/17/26 09:50	06/18/26 21:51	1
1,1'-Biphenyl	ND		99	ug/L		06/17/26 09:50	06/18/26 21:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	92		53 - 151			06/17/26 09:50	06/18/26 21:51	1

Client Sample ID: T262133-04
Date Collected: 06/11/26 12:45
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283704-4
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		93	ug/L		06/17/26 09:50	06/18/26 22:16	1
1,1'-Biphenyl	ND		93	ug/L		06/17/26 09:50	06/18/26 22:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	71		53 - 151			06/17/26 09:50	06/18/26 22:16	1

Client Sample ID: T262133-05
Date Collected: 06/11/26 13:00
Date Received: 06/15/26 10:17

Lab Sample ID: 570-283704-5
Matrix: Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		99	ug/L		06/17/26 09:50	06/18/26 22:41	1
1,1'-Biphenyl	ND		99	ug/L		06/17/26 09:50	06/18/26 22:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	82		53 - 151			06/17/26 09:50	06/18/26 22:41	1

Surrogate Summary

Client: SunStar Laboratories Inc
Project/Site: T262133

Job ID: 570-283704-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	OTCSN1 (53-151)				
570-283704-1	T262133-01	98				
570-283704-2	T262133-02	95				
570-283704-3	T262133-03	92				
570-283704-4	T262133-04	71				
570-283704-5	T262133-05	82				
LCS 570-755522/2-A	Lab Control Sample	92				
LCSD 570-755522/3-A	Lab Control Sample Dup	97				
MB 570-755522/1-A	Method Blank	102				
Surrogate Legend						
OTCSN = n-Octacosane (Surr)						

QC Sample Results

Client: SunStar Laboratories Inc
Project/Site: T262133

Job ID: 570-283704-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-755522/1-A

Matrix: Water

Analysis Batch: 756393

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 755522

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene, 1,1'-oxybis-	ND		100	ug/L		06/17/26 09:27	06/18/26 15:30	1
1,1'-Biphenyl	ND		100	ug/L		06/17/26 09:27	06/18/26 15:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	102		53 - 151			06/17/26 09:27	06/18/26 15:30	1

Lab Sample ID: LCS 570-755522/2-A

Matrix: Water

Analysis Batch: 756393

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 755522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene, 1,1'-oxybis-	1000	819.7		ug/L		82	57 - 120
1,1'-Biphenyl	1000	812.5		ug/L		81	45 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Octacosane (Surr)	92		53 - 151				

Lab Sample ID: LCSD 570-755522/3-A

Matrix: Water

Analysis Batch: 756393

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 755522

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene, 1,1'-oxybis-	1000	936.3		ug/L		94	57 - 120	13	20
1,1'-Biphenyl	1000	927.9		ug/L		93	45 - 120	13	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane (Surr)	97		53 - 151						

QC Association Summary

Client: SunStar Laboratories Inc
Project/Site: T262133

Job ID: 570-283704-1

GC Semi VOA

Prep Batch: 755522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-283704-1	T262133-01	Total/NA	Water	3510C	
570-283704-2	T262133-02	Total/NA	Water	3510C	
570-283704-3	T262133-03	Total/NA	Water	3510C	
570-283704-4	T262133-04	Total/NA	Water	3510C	
570-283704-5	T262133-05	Total/NA	Water	3510C	
MB 570-755522/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-755522/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-755522/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 756393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-283704-1	T262133-01	Total/NA	Water	8015B	755522
570-283704-2	T262133-02	Total/NA	Water	8015B	755522
570-283704-3	T262133-03	Total/NA	Water	8015B	755522
570-283704-4	T262133-04	Total/NA	Water	8015B	755522
570-283704-5	T262133-05	Total/NA	Water	8015B	755522
MB 570-755522/1-A	Method Blank	Total/NA	Water	8015B	755522
LCS 570-755522/2-A	Lab Control Sample	Total/NA	Water	8015B	755522
LCSD 570-755522/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	755522

Lab Chronicle

Client: SunStar Laboratories Inc
Project/Site: T262133

Job ID: 570-283704-1

Client Sample ID: T262133-01

Lab Sample ID: 570-283704-1

Date Collected: 06/11/26 13:35

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			257.89 mL	2.5 mL	755522	06/17/26 09:50	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 21:00	H6FE	EET CAL 4
Instrument ID: GC70B										

Client Sample ID: T262133-02

Lab Sample ID: 570-283704-2

Date Collected: 06/11/26 14:35

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			253.64 mL	2.5 mL	755522	06/17/26 09:50	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 21:25	H6FE	EET CAL 4
Instrument ID: GC70B										

Client Sample ID: T262133-03

Lab Sample ID: 570-283704-3

Date Collected: 06/11/26 15:40

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			251.7 mL	2.5 mL	755522	06/17/26 09:50	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 21:51	H6FE	EET CAL 4
Instrument ID: GC70B										

Client Sample ID: T262133-04

Lab Sample ID: 570-283704-4

Date Collected: 06/11/26 12:45

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			269.67 mL	2.5 mL	755522	06/17/26 09:50	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 22:16	H6FE	EET CAL 4
Instrument ID: GC70B										

Client Sample ID: T262133-05

Lab Sample ID: 570-283704-5

Date Collected: 06/11/26 13:00

Matrix: Water

Date Received: 06/15/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			253.06 mL	2.5 mL	755522	06/17/26 09:50	TVD6	EET CAL 4
Total/NA	Analysis	8015B		1	1 mL	1 mL	756393	06/18/26 22:41	H6FE	EET CAL 4
Instrument ID: GC70B										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: SunStar Laboratories Inc
Project/Site: T262133

Job ID: 570-283704-1

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	4175	02-02-27

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: SunStar Laboratories Inc
Project/Site: T262133

Job ID: 570-283704-1

Method	Method Description	Protocol	Laboratory
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: SunStar Laboratories Inc
Project/Site: T262133

Job ID: 570-283704-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
570-283704-1	T262133-01	Water	06/11/26 13:35	06/15/26 10:17	California
570-283704-2	T262133-02	Water	06/11/26 14:35	06/15/26 10:17	California
570-283704-3	T262133-03	Water	06/11/26 15:40	06/15/26 10:17	California
570-283704-4	T262133-04	Water	06/11/26 12:45	06/15/26 10:17	California
570-283704-5	T262133-05	Water	06/11/26 13:00	06/15/26 10:17	California

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

SUBCONTRACT ORDER

SunStar Laboratories, Inc.

T262133

Loc: 570

283704

SENDING LABORATORY:

SunStar Laboratories, Inc.
25712 Commercentre Drive
Lake Forest, CA 92630
Phone: (949) 297-5020
Fax: (949) 297-5027
Project Manager: Jeff Lee

RECEIVING LABORATORY:

Eurofins Calscience (Tustin)
2841 Dow Ave, Suite 100
Tustin, CA 92780
Phone: (949) 261-1022
Fax: N/A



570-283704 Chain of Custody

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: T262133-01	Water	Sampled:06/11/26 13:35		
Misc Water Testing #1	06/19/26 15:00	12/08/26 13:35		8015M- Therminol (Normal TAT)
Containers Supplied: 1L Amber- Unpres. (A)				
Sample ID: T262133-02	Water	Sampled:06/11/26 14:35		
Misc Water Testing #1	06/19/26 15:00	12/08/26 14:35		8015M- Therminol (Normal TAT)
Containers Supplied: 1L Amber- Unpres. (A)				
Sample ID: T262133-03	Water	Sampled:06/11/26 15:40		
Misc Water Testing #1	06/19/26 15:00	12/08/26 15:40		8015M- Therminol (Normal TAT)
Containers Supplied: 1L Amber- Unpres. (A)				
Sample ID: T262133-04	Water	Sampled:06/11/26 12:45		
Misc Water Testing #1	06/19/26 15:00	12/08/26 12:45		8015M- Therminol (Normal TAT)
Containers Supplied: 1L Amber- Unpres. (A)				
Sample ID: T262133-05	Water	Sampled:06/11/26 13:00		
Misc Water Testing #1	06/19/26 15:00	12/08/26 13:00		8015M- Therminol (Normal TAT)
Containers Supplied: 1L Amber- Unpres. (A)				

Released By

Date

Received By

Date

Released By

Date

Received By

Date

Login Sample Receipt Checklist

Client: SunStar Laboratories Inc

Job Number: 570-283704-1

Login Number: 283704

List Number: 1

Creator: Vitente, Precy

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Lab #: 1013596**Job #:** 66736**Co. Job#:** T262133**Sample Name:** T262133-01**Company:** SunStar Laboratories, Inc**Container:** 250ml Plastic Bottle**Date Sampled:** 06/11/2026 13:35**Date Received:** 06/16/2026**Date Reported:** 06/25/2026

δD of water	-70.3‰ relative to VSMOW
---------------------	--------------------------

$\delta^{18}O$ of water	-8.63‰ relative to VSMOW
-------------------------	--------------------------

Tritium content of water	na
--------------------------	----

$\delta^{13}C$ of DIC	na
-----------------------	----

^{14}C content of DIC	na
-------------------------	----

$\delta^{15}N$ of nitrate	na
---------------------------	----

$\delta^{18}O$ of nitrate	na
---------------------------	----

δ^{34} of sulfate	na
--------------------------	----

$\delta^{18}O$ of sulfate	na
---------------------------	----

DIC Concentration	na
-------------------	----

Vacuum Distilled? *	No
---------------------	----

Remarks:

nd = not detected. na = not analyzed.

*Indicates if vacuum distillation was utilized for hydrogen and oxygen isotopic analysis of water

Lab #: 1013597**Job #:** 66736**Co. Job#:** T262133**Sample Name:** T262133-02**Company:** SunStar Laboratories, Inc**Container:** 250ml Plastic Bottle**Date Sampled:** 06/11/2026 14:35**Date Received:** 06/16/2026**Date Reported:** 06/25/2026

δD of water	-70.0‰ relative to VSMOW
-------------	--------------------------

δ ¹⁸ O of water	-8.55‰ relative to VSMOW
----------------------------	--------------------------

Tritium content of water	na
--------------------------	----

δ ¹³ C of DIC	na
--------------------------	----

¹⁴ C content of DIC	na
--------------------------------	----

δ ¹⁵ N of nitrate	na
------------------------------	----

δ ¹⁸ O of nitrate	na
------------------------------	----

δ ³⁴ of sulfate	na
----------------------------	----

δ ¹⁸ O of sulfate	na
------------------------------	----

DIC Concentration	na
-------------------	----

Vacuum Distilled? *	No
---------------------	----

Remarks:

nd = not detected. na = not analyzed.

*Indicates if vacuum distillation was utilized for hydrogen and oxygen isotopic analysis of water

Lab #: 1013598**Job #:** 66736**Co. Job#:** T262133**Sample Name:** T262133-03**Company:** SunStar Laboratories, Inc**Container:** 250ml Plastic Bottle**Date Sampled:** 06/11/2026 15:40**Date Received:** 06/16/2026**Date Reported:** 06/25/2026

δD of water	-70.7‰ relative to VSMOW
---------------------	--------------------------

$\delta^{18}O$ of water	-8.87‰ relative to VSMOW
-------------------------	--------------------------

Tritium content of water	na
--------------------------	----

$\delta^{13}C$ of DIC	na
-----------------------	----

^{14}C content of DIC	na
-------------------------	----

$\delta^{15}N$ of nitrate	na
---------------------------	----

$\delta^{18}O$ of nitrate	na
---------------------------	----

δ^{34} of sulfate	na
--------------------------	----

$\delta^{18}O$ of sulfate	na
---------------------------	----

DIC Concentration	na
-------------------	----

Vacuum Distilled? *	No
---------------------	----

Remarks:

nd = not detected. na = not analyzed.

*Indicates if vacuum distillation was utilized for hydrogen and oxygen isotopic analysis of water

WORK ORDER

T262133

Client: Northstar Environmental Remediation

Project Manager: Jeff Lee

Project: Genesis Solar Groundwater

Project Number: 196-004-07

Report To:

Northstar Environmental Remediation
Arlin Brewster
26225 Enterprise Court
Lake Forest, CA 92630

Date Due: 06/19/26 17:00 (5 day TAT)

Received By: Paul Berner

Date Received: 06/12/26 10:30

Logged In By: Alan Su

Date Logged In: 06/12/26 11:42

Samples Received at: **2.8°C**
Custody Seals No Received On Ice Yes
Containers Intact Yes
COC/Labels Agree Yes
Preservation Confirmed Yes

Analysis	Due	TAT	Expires	Comments
T262133-01 DM-1 [Water] Sampled 06/11/26 13:35 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 13:35	Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 13:35	Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 13:35	Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO ₄	06/19/26 15:00	5	07/09/26 13:35	Chloride,Sulfate only Dil @ 20x
300.0 - NO ₂ , NO ₃ , PO ₄	06/19/26 15:00	5	06/13/26 13:35	Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 13:35	
Conductivity	06/19/26 15:00	5	07/09/26 13:35	
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 13:35	
TDS	06/19/26 15:00	5	06/18/26 13:35	

T262133-02 DM-2 [Water] Sampled 06/11/26 14:35 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 14:35	Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 14:35	Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 14:35	Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO ₄	06/19/26 15:00	5	07/09/26 14:35	Chloride,Sulfate only Dil @ 20x
300.0 - NO ₂ , NO ₃ , PO ₄	06/19/26 15:00	5	06/13/26 14:35	Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 14:35	
Conductivity	06/19/26 15:00	5	07/09/26 14:35	
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 14:35	
TDS	06/19/26 15:00	5	06/18/26 14:35	

WORK ORDER

T262133

Client: Northstar Environmental Remediation

Project Manager: Jeff Lee

Project: Genesis Solar Groundwater

Project Number: 196-004-07

Analysis	Due	TAT	Expires	Comments
T262133-03 DM-3 [Water] Sampled 06/11/26 15:40 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 15:40	Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 15:40	Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 15:40	Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO4	06/19/26 15:00	5	07/09/26 15:40	Chloride,Sulfate only Dil @ 20x
300.0 - NO2, NO3, PO4	06/19/26 15:00	5	06/13/26 15:40	Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 15:40	
Conductivity	06/19/26 15:00	5	07/09/26 15:40	
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 15:40	
TDS	06/19/26 15:00	5	06/18/26 15:40	
T262133-04 North Pond [Water] Sampled 06/11/26 12:45 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 12:45	High Salt / Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 12:45	High Salt / Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 12:45	High Salt / Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO4	06/19/26 15:00	5	07/09/26 12:45	High Salt / Chloride,Sulfate only Dil @ 20x
300.0 - NO2, NO3, PO4	06/19/26 15:00	5	06/13/26 12:45	High Salt / Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 12:45	High Salt
Conductivity	06/19/26 15:00	5	07/09/26 12:45	High Salt
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 12:45	High Salt
TDS	06/19/26 15:00	5	06/18/26 12:45	High Salt
T262133-05 South Pond [Water] Sampled 06/11/26 13:00 (GMT-08:00) Pacific Time (US &				
1664	06/19/26 15:00	5	07/09/26 13:00	High Salt / Oil & Grease
200.7	06/19/26 15:00	5	12/08/26 13:00	High Salt / Ca,Cu,Na,K,Fe,Mg - Dil @ 100x
200.8	06/19/26 15:00	5	12/08/26 13:00	High Salt / Sb,As,Ba,Cd,Cr,Co,Pb,Ni,Se,Zn - Dil @ 20x
300.0 - F, Cl, Br, SO4	06/19/26 15:00	5	07/09/26 13:00	High Salt / Chloride,Sulfate only Dil @ 20x
300.0 - NO2, NO3, PO4	06/19/26 15:00	5	06/13/26 13:00	High Salt / Nitrate Dil @ 1x if possible
7470/71 Hg	06/19/26 15:00	5	09/09/26 13:00	High Salt
Conductivity	06/19/26 15:00	5	07/09/26 13:00	High Salt
pH water SM 4500-H+B	06/19/26 15:00	5	06/12/26 13:00	High Salt
TDS	06/19/26 15:00	5	06/18/26 13:00	High Salt

Eurofins Calscience (Tustin)

WORK ORDER

T262133

Client: Northstar Environmental Remediation

Project Manager: Jeff Lee

Project: Genesis Solar Groundwater

Project Number: 196-004-07

Analysis	Due	TAT	Expires	Comments
Eurofins Calscience (Tustin)				
T262133-01 DM-1 [Water] Sampled 06/11/26 13:35 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 13:35	8015M- Therminol (Normal TAT)
T262133-02 DM-2 [Water] Sampled 06/11/26 14:35 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 14:35	8015M- Therminol (Normal TAT)
T262133-03 DM-3 [Water] Sampled 06/11/26 15:40 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 15:40	8015M- Therminol (Normal TAT)
T262133-04 North Pond [Water] Sampled 06/11/26 12:45 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 12:45	8015M- Therminol (Normal TAT)
T262133-05 South Pond [Water] Sampled 06/11/26 13:00 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #1	06/19/26 15:00	5	12/08/26 13:00	8015M- Therminol (Normal TAT)
Isotech Laboratories, Inc.				
T262133-01 DM-1 [Water] Sampled 06/11/26 13:35 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #2	06/19/26 15:00	5	12/08/26 13:35	Deuterium,Oxygen-18 (Normal TAT)
T262133-02 DM-2 [Water] Sampled 06/11/26 14:35 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #2	06/19/26 15:00	5	12/08/26 14:35	Deuterium,Oxygen-18 (Normal TAT)
T262133-03 DM-3 [Water] Sampled 06/11/26 15:40 (GMT-08:00) Pacific Time (US &				
Misc Water Testing #2	06/19/26 15:00	5	12/08/26 15:40	Deuterium,Oxygen-18 (Normal TAT)