



## TECHNICAL MEMORANDUM

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### Bi-Annual Groundwater Monitoring Report for the Los Olivos Community Services District Groundwater Quality Monitoring Network

**To:** Guy Savage, Los Olivos Community Services District  
Doug Pike, Los Olivos Community Services District

**From:** Tim Thompson, GSI Water Solutions  
Andy Lapostol, GSI Water Solutions  
Nehuen Fortunelli, GSI Water Solutions

**Attachments:** Attachment A – Hydrographs  
Attachment B – Final Laboratory Report  
Attachment C – Water Quality Charts  
Attachment D – Field Notes

**Date:** December 18, 2024

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#### Introduction

This memorandum provides documentation of the water quality testing results from samples collected at the five monitoring wells (MW-1 through 5) comprising the Los Olivos Monitoring Well Network. GSI Water Solutions (GSI) staff conducted the sampling as part of the Bi-Annual Groundwater Monitoring event for Los Olivos Community Service District (LOCSO). The monitoring network is designed in alignment with the LOCSO Groundwater Monitoring Plan<sup>1</sup> the purpose of which is to (a) establish baseline groundwater quality conditions and (b) monitor changes over time as the LOCSO Wastewater Reclamation Program is implemented.

The following sections describe the groundwater data collected in the Monitoring Well Network wells on November 20, 2024.

#### Groundwater Levels

Groundwater levels, measured at the 5 monitoring wells on November 20, 2024, are summarized on Table 1. Hydrographs showing the temporal changes of the groundwater elevation in each well are provided in

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<sup>1</sup> “Monitoring Well Installation Report (MW-1 and MW-2) – Los Olivos Groundwater Quality Monitoring Network”, GSI, 2021, prepared for LOCSO.

**Table 1. Monitoring Well Construction Details and Water Levels**

Well ID	Total Depth (feet bgs)	Perforated Interval (feet bgs)	Static Water Level (feet bgs)
MW-1	85	55-80	26.98
MW-2	70	35-65	27.13
MW-3	90	50 - 90	14.05
MW-4	60	25 - 60	17.00
MW-5	65	30 - 65	8.08

## Water Quality

Water quality samples were collected at all the monitoring wells (MW-1 through MW-5) in the monitoring network. The samples were sent to a certified laboratory for analysis. The selected analytes and results are shown in Table 2, and the final report from the laboratory is included as Attachment B. Based upon review of the analytical results, there are a few key observations:

- Nitrate (as N) concentration from groundwater samples collected at MW-2 (12 mg/L) and MW-4 (13 mg/L), are above the maximum contaminant level (MCL) of 10 mg/L for nitrate as they have been previously. Nitrate concentrations in MW-1, MW-3 and MW-5 were below the Maximum Contaminant Level (MCL).
- Total Dissolved Concentrations in MW-2 (1,180 mg/L) and MW-4 (1,140 mg/L) exceed the Secondary MCL of 1,000 mg/L.
- Nitrite (as N) was non-detected in all samples.

All the concentrations from this monitoring event are within the historical range for each well. Water quality charts showing the temporal evolution of Nitrate (as N) and Total Dissolved Solids concentrations are provided in Attachment C. Field notes are provided in Attachment D.

**Table 2. Water Quality Sampling Results**

Analyte	Units	Maximum Contaminant Level <sup>1</sup>	Basin Water Quality Objective <sup>2</sup>	MW-1 Result	MW-2 Result	MW-3 Result	MW-4 Result	MW-5 Result
Nitrate as N	mg/L	10	1	2.5	<b>12</b>	6.2	<b>13</b>	4.9
Nitrite as N	mg/L	1		ND	ND	ND	ND	ND
Total Dissolved Solids	mg/L	1,000 <sup>3</sup>	600	516	1,180	864	1,140	806

**Notes:**

1 - CA drinking water standards

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2 - Established in the Water Quality Control Plan for the Central Coast Basin (Regional Water Quality Control Board, 2019)

3 - Secondary maximum contaminant level (upper)

**Bolded values are at or above the Maximum Contaminant Level**

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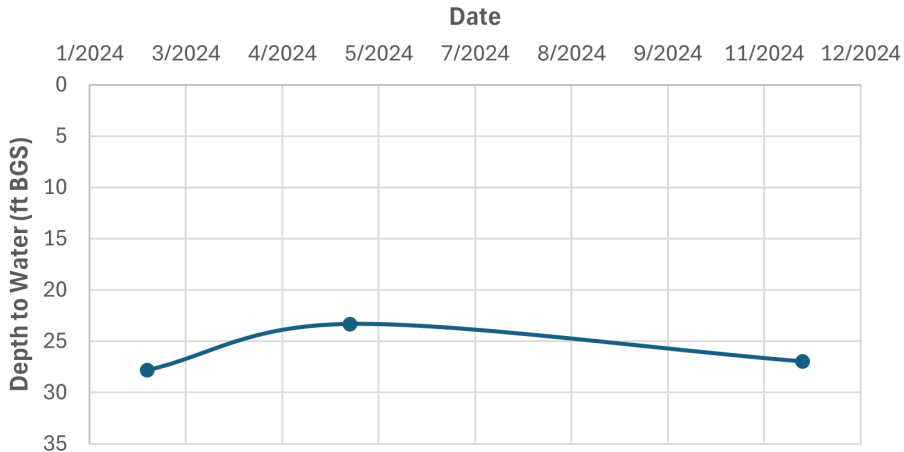
## ATTACHMENT A

Hydrographs

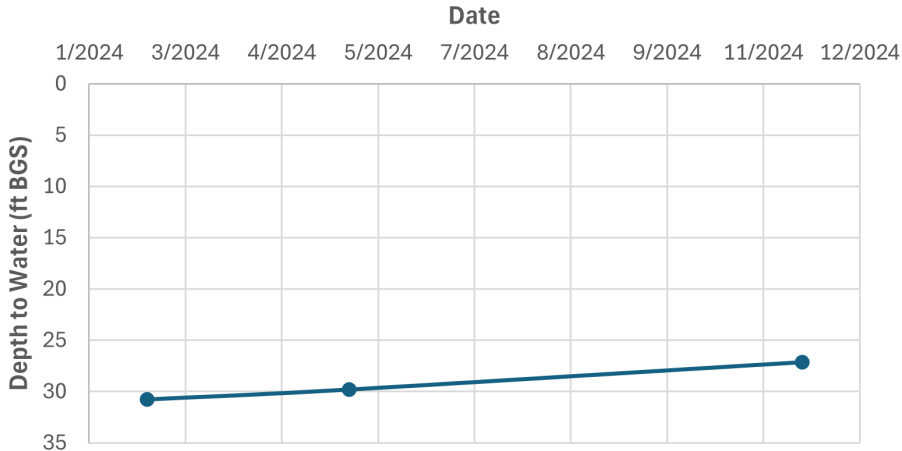
Date	MW-1	MW-2	MW-3	MW-4	MW-5
2/22/2024	27.83	30.76	NM	NM	NM
5/16/2024	23.33	29.79	17.73	20.72	10.08
11/20/2024	26.98	27.13	14.05	17	8.08

NM = not measured

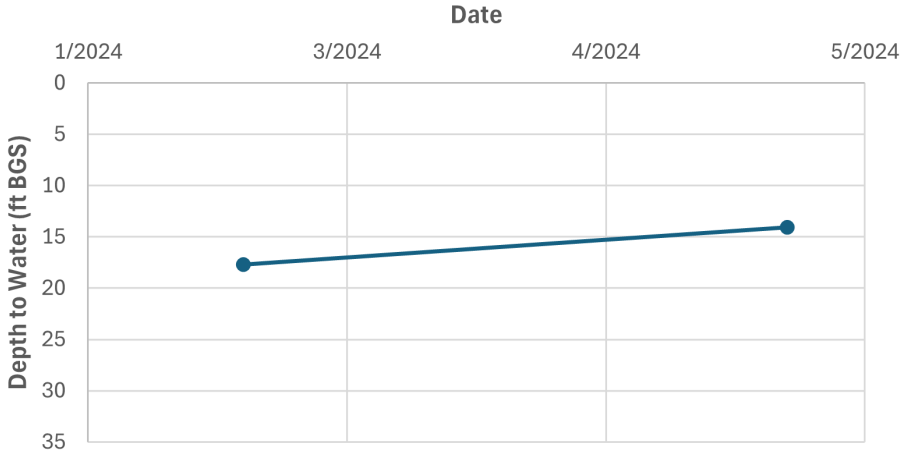
# MW-1 Groundwater Level



# MW-2 Groundwater Level

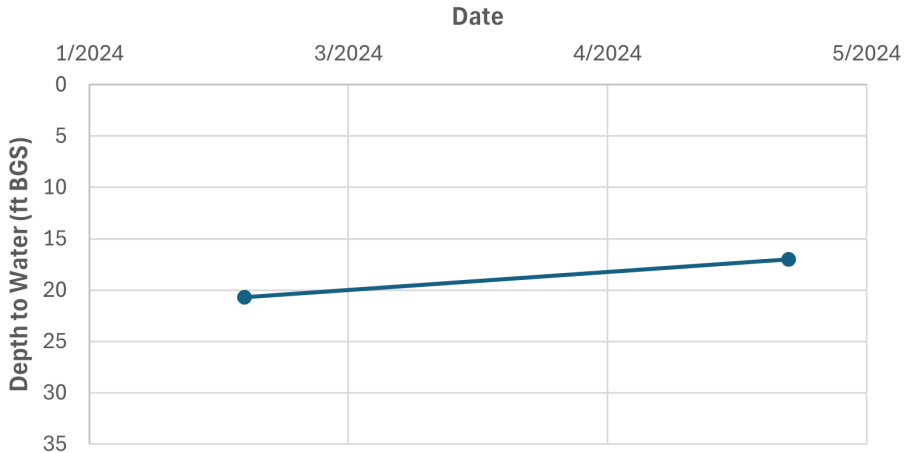


# MW-3 Groundwater Level

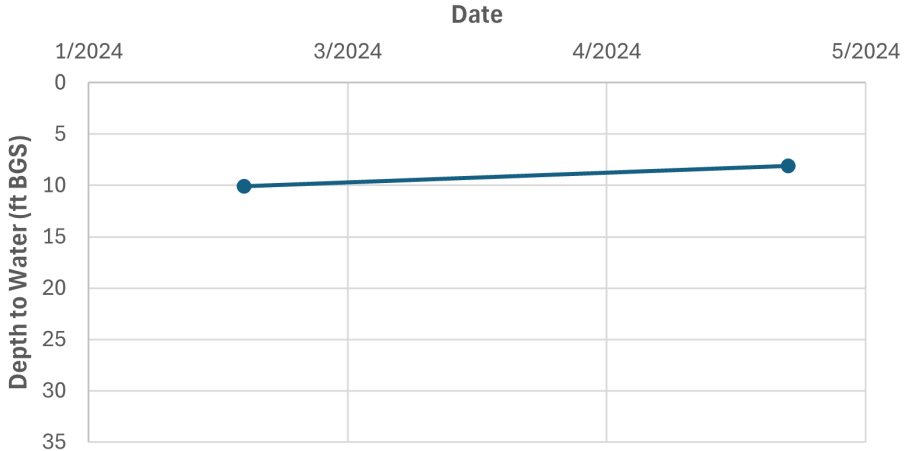




# MW-4 Groundwater Level



# MW-5 Groundwater Level



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**ATTACHMENT B**

Final Laboratory Report



# ANALYTICAL REPORT

## PREPARED FOR

Attn: Nehuen Fortunelli  
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Santa Barbara, California 93101

Generated 12/2/2024 6:00:17 PM

## JOB DESCRIPTION

LOCSD GW Monitoring 24-25

## JOB NUMBER

570-208182-1

# 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



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# Definitions/Glossary

Client: GSI Water Solutions, Inc  
Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

## Qualifiers

### HPLC/IC

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

## 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: GSI Water Solutions, Inc  
Project: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

**Job ID: 570-208182-1**

**Eurofins Calscience**

## Job Narrative 570-208182-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

### Receipt

The samples were received on 11/21/2024 5:00 PM. 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 1.6°C.

### HPLC/IC

Method 300\_ORGFMS: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 570-505869 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Nitrate as N in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300\_ORGFMS: The matrix spike duplicate (MSD) recovery for analytical batch 570-505869 were outside control limits for Nitrite as N and Nitrate as N. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

### General Chemistry

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

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# Detection Summary

Client: GSI Water Solutions, Inc  
Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

## Client Sample ID: MW-1

Lab Sample ID: 570-208182-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	2.5		0.10	0.020	mg/L	1		300.0	Total/NA
Total Dissolved Solids	516		10.0	8.35	mg/L	1		SM 2540C	Total/NA

## Client Sample ID: MW-2

Lab Sample ID: 570-208182-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N - DL	12		0.20	0.039	mg/L	2		300.0	Total/NA
Total Dissolved Solids	1180		10.0	8.35	mg/L	1		SM 2540C	Total/NA

## Client Sample ID: MW-3

Lab Sample ID: 570-208182-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	6.2	F1	0.10	0.020	mg/L	1		300.0	Total/NA
Total Dissolved Solids	864		10.0	8.35	mg/L	1		SM 2540C	Total/NA

## Client Sample ID: MW-4

Lab Sample ID: 570-208182-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N - DL	13		0.20	0.039	mg/L	2		300.0	Total/NA
Total Dissolved Solids	1140		10.0	8.35	mg/L	1		SM 2540C	Total/NA

## Client Sample ID: MW-5

Lab Sample ID: 570-208182-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	4.9		0.10	0.020	mg/L	1		300.0	Total/NA
Total Dissolved Solids	806		10.0	8.35	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

Client: GSI Water Solutions, Inc  
 Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

## Client Sample ID: MW-1

Lab Sample ID: 570-208182-1

Date Collected: 11/20/24 09:30

Matrix: Water

Date Received: 11/21/24 17:00

### Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.10	0.043	mg/L			11/21/24 19:50	1
Nitrate as N	2.5		0.10	0.020	mg/L			11/21/24 19:50	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	516		10.0	8.35	mg/L			11/27/24 20:37	1

## Client Sample ID: MW-2

Lab Sample ID: 570-208182-2

Date Collected: 11/20/24 11:00

Matrix: Water

Date Received: 11/21/24 17:00

### Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.10	0.043	mg/L			11/21/24 20:08	1

### Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	12		0.20	0.039	mg/L			11/21/24 21:55	2

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1180		10.0	8.35	mg/L			11/27/24 20:37	1

## Client Sample ID: MW-3

Lab Sample ID: 570-208182-3

Date Collected: 11/20/24 13:40

Matrix: Water

Date Received: 11/21/24 17:00

### Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND	F1	0.10	0.043	mg/L			11/21/24 20:26	1
Nitrate as N	6.2	F1	0.10	0.020	mg/L			11/21/24 20:26	1

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	864		10.0	8.35	mg/L			11/27/24 20:37	1

## Client Sample ID: MW-4

Lab Sample ID: 570-208182-4

Date Collected: 11/20/24 12:25

Matrix: Water

Date Received: 11/21/24 17:00

### Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.10	0.043	mg/L			11/21/24 21:19	1

### Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	13		0.20	0.039	mg/L			11/22/24 05:39	2

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1140		10.0	8.35	mg/L			11/27/24 20:37	1

# Client Sample Results

Client: GSI Water Solutions, Inc  
 Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

**Client Sample ID: MW-5**

**Lab Sample ID: 570-208182-5**

Date Collected: 11/20/24 14:20

Matrix: Water

Date Received: 11/21/24 17:00

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.10	0.043	mg/L			11/21/24 21:37	1
<b>Nitrate as N</b>	<b>4.9</b>		0.10	0.020	mg/L			11/21/24 21:37	1

**General Chemistry**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total Dissolved Solids (SM 2540C)</b>	<b>806</b>		10.0	8.35	mg/L			11/27/24 20:37	1



# QC Sample Results

Client: GSI Water Solutions, Inc  
 Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 570-505869/5**  
**Matrix: Water**  
**Analysis Batch: 505869**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	ND		0.10	0.043	mg/L			11/21/24 11:35	1
Nitrate as N	ND		0.10	0.020	mg/L			11/21/24 11:35	1

**Lab Sample ID: LCS 570-505869/6**  
**Matrix: Water**  
**Analysis Batch: 505869**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	2.50	2.552		mg/L		102	90 - 110
Nitrate as N	5.00	5.165		mg/L		103	90 - 110

**Lab Sample ID: LCSD 570-505869/7**  
**Matrix: Water**  
**Analysis Batch: 505869**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	2.50	2.590		mg/L		104	90 - 110	1	15
Nitrate as N	5.00	5.221		mg/L		104	90 - 110	1	15

**Lab Sample ID: 570-208182-3 MS**  
**Matrix: Water**  
**Analysis Batch: 505869**

**Client Sample ID: MW-3**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite as N	ND	F1	2.50	2.965		mg/L		119	80 - 120
Nitrate as N	6.2	F1	5.00	12.10	E	mg/L		118	80 - 120

**Lab Sample ID: 570-208182-3 MSD**  
**Matrix: Water**  
**Analysis Batch: 505869**

**Client Sample ID: MW-3**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N	ND	F1	2.50	3.087	F1	mg/L		123	80 - 120	4	20
Nitrate as N	6.2	F1	5.00	12.32	E F1	mg/L		123	80 - 120	2	20

## Method: SM 2540C - Solids, Total Dissolved (TDS)

**Lab Sample ID: MB 570-508490/1**  
**Matrix: Water**  
**Analysis Batch: 508490**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	8.35	mg/L			11/27/24 20:37	1

**Lab Sample ID: LCS 570-508490/2**  
**Matrix: Water**  
**Analysis Batch: 508490**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	980.0		mg/L		98	84 - 108

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# QC Sample Results

Client: GSI Water Solutions, Inc  
 Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

## Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

**Lab Sample ID: LCSD 570-508490/3**  
**Matrix: Water**  
**Analysis Batch: 508490**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	914.0		mg/L		91	84 - 108	7	10

**Lab Sample ID: 570-208182-2 DU**  
**Matrix: Water**  
**Analysis Batch: 508490**

**Client Sample ID: MW-2**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1180		1171		mg/L		0.9	10

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

# QC Association Summary

Client: GSI Water Solutions, Inc  
Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

## HPLC/IC

### Analysis Batch: 505869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208182-1	MW-1	Total/NA	Water	300.0	
570-208182-2	MW-2	Total/NA	Water	300.0	
570-208182-2 - DL	MW-2	Total/NA	Water	300.0	
570-208182-3	MW-3	Total/NA	Water	300.0	
570-208182-4	MW-4	Total/NA	Water	300.0	
570-208182-4 - DL	MW-4	Total/NA	Water	300.0	
570-208182-5	MW-5	Total/NA	Water	300.0	
MB 570-505869/5	Method Blank	Total/NA	Water	300.0	
LCS 570-505869/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-505869/7	Lab Control Sample Dup	Total/NA	Water	300.0	
570-208182-3 MS	MW-3	Total/NA	Water	300.0	
570-208182-3 MSD	MW-3	Total/NA	Water	300.0	

## General Chemistry

### Analysis Batch: 508490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-208182-1	MW-1	Total/NA	Water	SM 2540C	
570-208182-2	MW-2	Total/NA	Water	SM 2540C	
570-208182-3	MW-3	Total/NA	Water	SM 2540C	
570-208182-4	MW-4	Total/NA	Water	SM 2540C	
570-208182-5	MW-5	Total/NA	Water	SM 2540C	
MB 570-508490/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 570-508490/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 570-508490/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
570-208182-2 DU	MW-2	Total/NA	Water	SM 2540C	

# Lab Chronicle

Client: GSI Water Solutions, Inc  
 Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

## Client Sample ID: MW-1

Lab Sample ID: 570-208182-1

Date Collected: 11/20/24 09:30

Matrix: Water

Date Received: 11/21/24 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	505869	11/21/24 19:50	UIP1	EET CAL 4
Instrument ID: IC31										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	508490	11/27/24 20:37	ZL7L	EET CAL 4
Instrument ID: BAL100										

## Client Sample ID: MW-2

Lab Sample ID: 570-208182-2

Date Collected: 11/20/24 11:00

Matrix: Water

Date Received: 11/21/24 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	505869	11/21/24 20:08	UIP1	EET CAL 4
Instrument ID: IC31										
Total/NA	Analysis	300.0	DL	2	4 mL	4 mL	505869	11/21/24 21:55	UIP1	EET CAL 4
Instrument ID: IC31										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	508490	11/27/24 20:37	ZL7L	EET CAL 4
Instrument ID: BAL100										

## Client Sample ID: MW-3

Lab Sample ID: 570-208182-3

Date Collected: 11/20/24 13:40

Matrix: Water

Date Received: 11/21/24 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	505869	11/21/24 20:26	UIP1	EET CAL 4
Instrument ID: IC31										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	508490	11/27/24 20:37	ZL7L	EET CAL 4
Instrument ID: BAL100										

## Client Sample ID: MW-4

Lab Sample ID: 570-208182-4

Date Collected: 11/20/24 12:25

Matrix: Water

Date Received: 11/21/24 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	505869	11/21/24 21:19	UIP1	EET CAL 4
Instrument ID: IC31										
Total/NA	Analysis	300.0	DL	2	4 mL	4 mL	505869	11/22/24 05:39	UIP1	EET CAL 4
Instrument ID: IC31										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	508490	11/27/24 20:37	ZL7L	EET CAL 4
Instrument ID: BAL100										

## Client Sample ID: MW-5

Lab Sample ID: 570-208182-5

Date Collected: 11/20/24 14:20

Matrix: Water

Date Received: 11/21/24 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	4 mL	4 mL	505869	11/21/24 21:37	UIP1	EET CAL 4
Instrument ID: IC31										

Eurofins Calscience



# Lab Chronicle

Client: GSI Water Solutions, Inc  
Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

**Client Sample ID: MW-5**

**Lab Sample ID: 570-208182-5**

**Date Collected: 11/20/24 14:20**

**Matrix: Water**

**Date Received: 11/21/24 17:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	508490	11/27/24 20:37	ZL7L	EET CAL 4

**Laboratory References:**

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

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# Accreditation/Certification Summary

Client: GSI Water Solutions, Inc  
Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

## Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26
Oregon	NELAP	4175	02-02-25

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# Method Summary

Client: GSI Water Solutions, Inc  
Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET CAL 4
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CAL 4

**Protocol References:**

- EPA = US Environmental Protection Agency
- SM = "Standard Methods For The Examination Of Water And Wastewater"

**Laboratory References:**

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



# Sample Summary

Client: GSI Water Solutions, Inc  
Project/Site: LOCSD GW Monitoring 24-25

Job ID: 570-208182-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-208182-1	MW-1	Water	11/20/24 09:30	11/21/24 17:00
570-208182-2	MW-2	Water	11/20/24 11:00	11/21/24 17:00
570-208182-3	MW-3	Water	11/20/24 13:40	11/21/24 17:00
570-208182-4	MW-4	Water	11/20/24 12:25	11/21/24 17:00
570-208182-5	MW-5	Water	11/20/24 14:20	11/21/24 17:00

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- 12
- 13
- 14



Environment Testing  
Calscience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 • (714) 895-5494


For courier service / sample drop off information, contact us26\_sales@eurofinsus.com or call us.

Loc: 570  
208182

CHAIN-OF-CUSTODY RECORD

DATE: 11-20-24

PAGE: 1 OF 1

LABORATORY CLIENT: <b>GS1 WATER SOLUTIONS, INC.</b>						CLIENT PROJECT NAME / NO.: <b>876.006.001</b>						P.O. NO.:														
ADDRESS: <b>418 CHAPALA ST, SUITE H</b>						<b>LOCSA GW MONITORING 24-25</b>						LAB CONTACT OR QUOTE NO.:														
CITY: <b>SANTA BARBARA</b>		STATE: <b>CA</b>		ZIP: <b>93104</b>		PROJECT CONTACT: <b>NEHUEN FORTUNELLI</b>						ANDRES LAPOSTOL														
TEL: <b>805-259-5666</b>		E-MAIL: <b>NFORTUNELLI@GS1WS.COM</b>				GLOBAL ID:		LOG CODE:		SAMPLER(S): (PRINT) <b>NEHUEN FORTUNELLI</b>																
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):																										
<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD																										
EDD:																										
<input type="checkbox"/> COELT EDF <input type="checkbox"/> OTHER																										
SPECIAL INSTRUCTIONS:																										
 570-208182 Chain of Custody						REQUESTED ANALYSES						Please check box or fill in blank as needed.														
						Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	<input type="checkbox"/> TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	<input type="checkbox"/> TPH	<input type="checkbox"/> BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	<input type="checkbox"/> VOCs (8260)	<input type="checkbox"/> Oxygenates (8260)	<input type="checkbox"/> Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	<input type="checkbox"/> SVOCs (8270)	<input type="checkbox"/> Pesticides (8081)	<input type="checkbox"/> PCBs (8082)	<input type="checkbox"/> PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	<input type="checkbox"/> T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	<input type="checkbox"/> Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	<input type="checkbox"/> NITRATES AS N	<input type="checkbox"/> NITRITES AS N	<input type="checkbox"/> TOTAL DISSOLVED SOLIDS	
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	<input type="checkbox"/> TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	<input type="checkbox"/> TPH	<input type="checkbox"/> BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	<input type="checkbox"/> VOCs (8260)	<input type="checkbox"/> Oxygenates (8260)	<input type="checkbox"/> Prep (5035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	<input type="checkbox"/> SVOCs (8270)	<input type="checkbox"/> Pesticides (8081)	<input type="checkbox"/> PCBs (8082)	<input type="checkbox"/> PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	<input type="checkbox"/> T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	<input type="checkbox"/> Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	<input type="checkbox"/> NITRATES AS N	<input type="checkbox"/> NITRITES AS N	<input type="checkbox"/> TOTAL DISSOLVED SOLIDS	
		DATE	TIME																							
1	MW-1	11/20/24	0930	GW	1	X																		X	X	
2	MW-2	11/20/24	1100	GW	1	X																		X	X	
3	MW-3	11/20/24	1340	GW	1	X																		X	X	
4	MW-4	11/20/24	1225	GW	1	X																		X	X	
5	MW-5	11/20/24	1420	GW	1	X																		X	X	
Relinquished by: (Signature) <b>NEHUEN FORTUNELLI</b>						Date: 11/21/24	Time: 10:20 am	Received by: (Signature/Affiliation) <b>Parida Begalla / Eurofins</b>						Date: 11/21/24	Time: 10:20											
Relinquished by: (Signature) <b>Parida Begalla / Eurofins</b>						Date: 11/21/24	Time: 12:15	Received by: (Signature/Affiliation) <b>[Signature]</b>						Date: 11/21/24	Time: 12:15											
Relinquished by: (Signature) <b>[Signature]</b>						Date: 11/21/24	Time: 1:00	Received by: (Signature/Affiliation) <b>[Signature]</b>						Date: 11-21-24	Time: 1:00											

VU9Z

0.9/1.6 SC12

## Login Sample Receipt Checklist

Client: GSI Water Solutions, Inc

Job Number: 570-208182-1

**Login Number: 208182**

**List Number: 1**

**Creator: Moffatt, Jennifer**

**List Source: Eurofins Calscience**

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ 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?	True	
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



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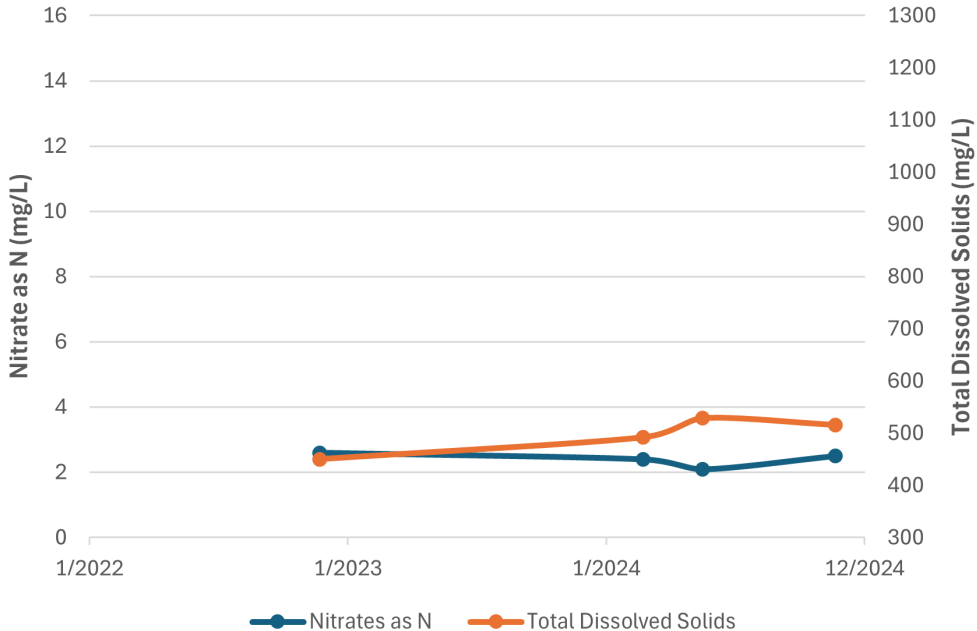
---

## ATTACHMENT C

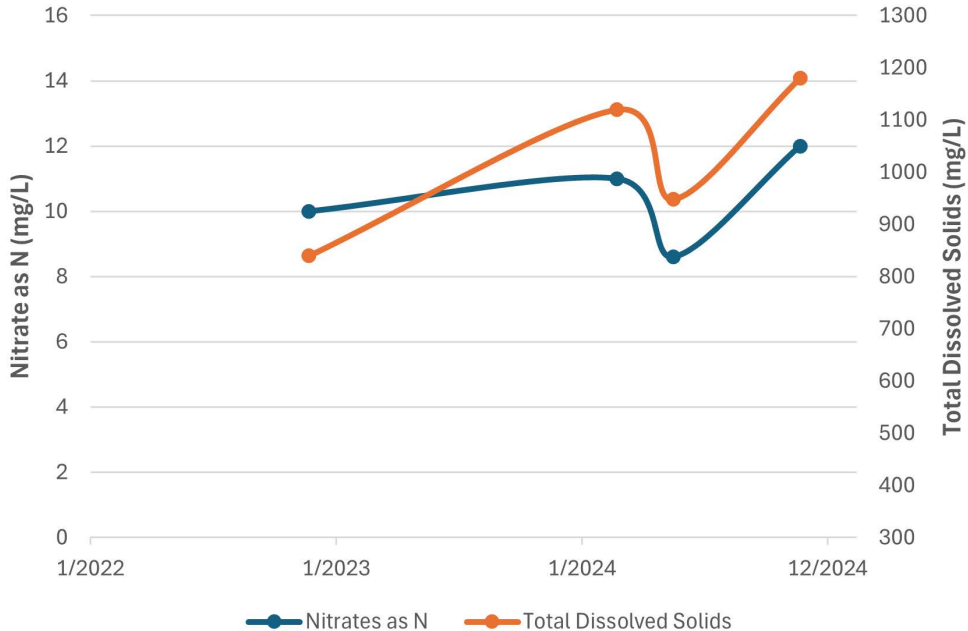
Water Quality Charts & Historical Water Quality Data



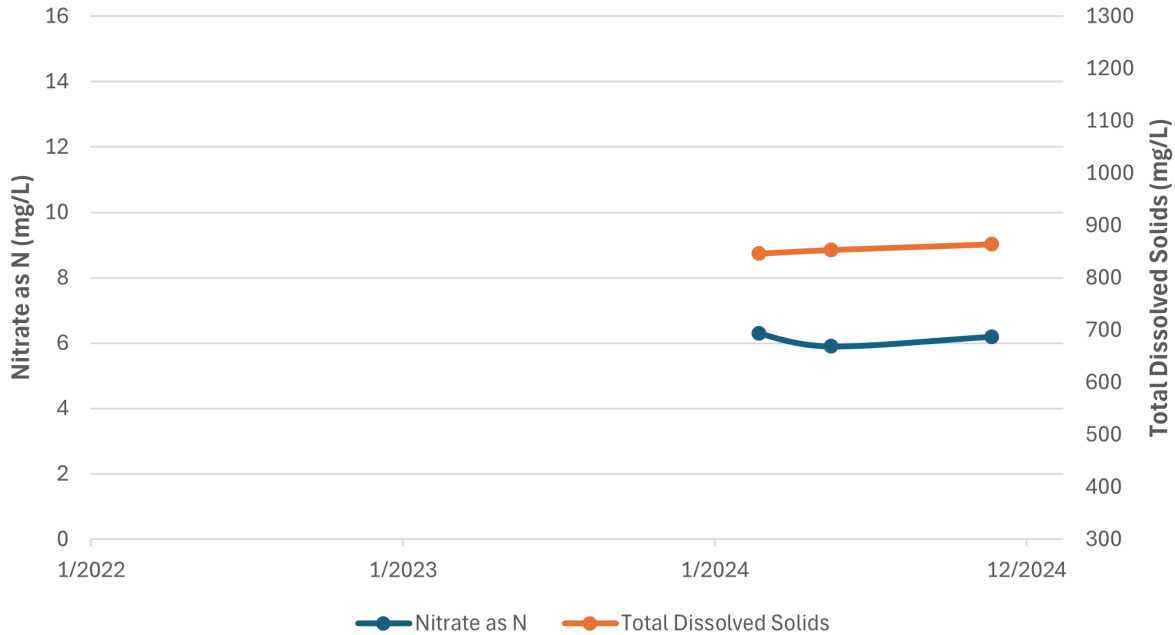
# MW-1 Water Quality



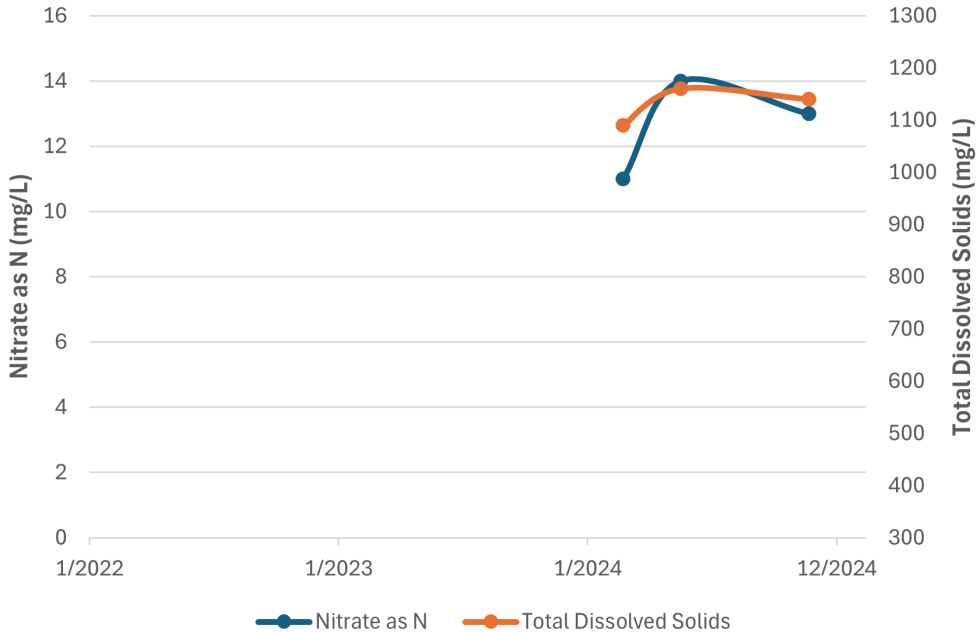
# MW-2 Water Quality



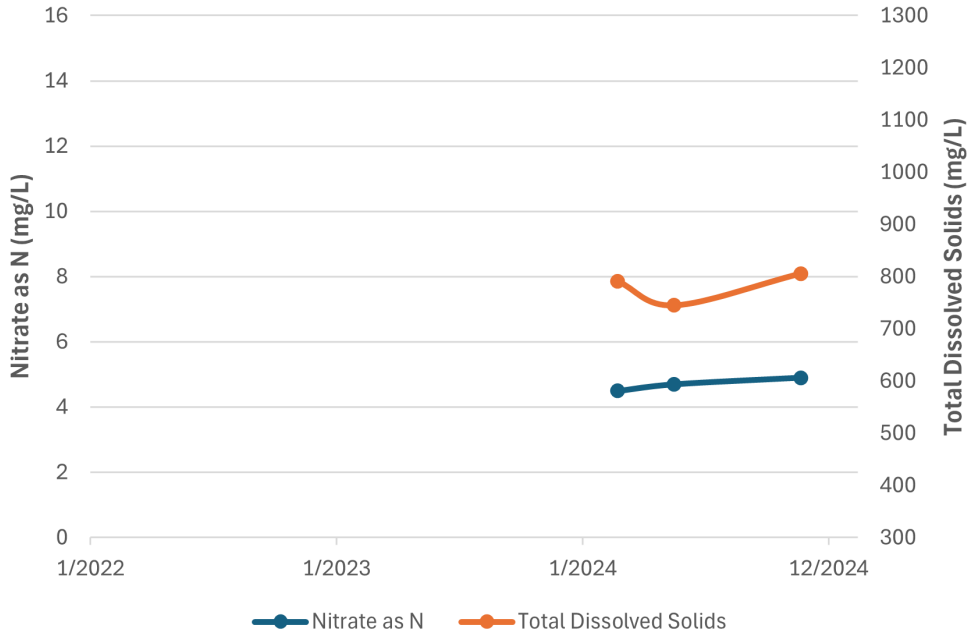
# MW-3 Water Quality



# MW-4 Water Quality



# MW-5 Water Quality



Date	Nitrate as N (mg/L)					Total Dissolved Solids (mg/L)				
	Maximum Contaminant Level = 10 mg/L					Secondary Maximum Contaminant Level = 1,000 mg/L				
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-1	MW-2	MW-3	MW-4	MW-5
11/22/2022	2.6	<b>10</b>	NS	NS	NS	450	840	NS	NS	NS
2/22/2024	2.4	<b>11</b>	6.3	<b>11</b>	4.5	492	1120	846	1090	791
5/16/2024	2.1	8.6	5.9	<b>14</b>	4.7	529	948	853	1160	745
11/20/2024	2.5	<b>12</b>	6.2	<b>13</b>	4.9	516	1180	864	1140	806

NS = not sampled

**bold** = concentration above Maximum Contaminant Level

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## ATTACHMENT D

Field Notes



## REPORT OF GROUND WATER PURGING/SAMPLING DATA



Project No. <b>876.006.001</b>	Well ID No.: <b>MW-1</b>	Day	M	T	(W)	T	F	S	S
Client: <b>Los Olivos CSD</b>					Project: <b>Los Olivos GW Monitoring 24-25</b>				
Location: <b>Ballard Canyon Rd &amp; San Marcos Pass Rd</b>					Weather: <i>Sunny / Cool</i>				
Observer: <i>Nehem Fortunelli</i>					Date: <i>11/20/25</i>				

### PURGING DATA

A	Total depth of well (ft)	85 (87.75 TOC)	<b>Screen = 55-80 ft bgs</b>
B	Static water level (ft)	<i>29.53</i>	
C	Depth of water column (ft) (A-B=C)	<i>58.22</i>	
D	Volume multiplier (gal/ft)	<i>0.16</i>	
E	Casing volume, one (gal) (CTransducer=E)	<i>9.32</i>	
F	Casing volume, three (gal) (3xE=F)	<i>27.96</i>	
G	Purge, time start (military)	<i>0836</i>	
H	Purge, time stop (military)	<i>0930</i>	
I	Total time of purge (min)	<i>54</i>	
J	Purge rate (gal/min)	<i>0.25</i>	
K	Actual purge volume (gal)	<i>13.5</i>	
L	Drawdown	--	
M	Type of purge pump		
N	Comments: <i>HAD TO LOWER PUMP 3 TIMES DUE TO FLOW LOSS</i>		Sampled at: <i>0930</i>

### INDICATOR DATA

Time (hhmm)	<i>0836</i>	<i>0846</i>	<i>0855</i>	<i>0906</i>	<i>0918</i>	<i>0926</i>
Temperature (C)	<i>17.0</i>	<i>18.4</i>	<i>18.1</i>	<i>18.4</i>	<i>18.5</i>	<i>18.2</i>
Conductivity	<i>730</i>	<i>733</i>	<i>737</i>	<i>735</i>	<i>742</i>	<i>741</i>
pH	<i>8.60</i>	<i>8.13</i>	<i>8.05</i>	<i>8.05</i>	<i>8.10</i>	<i>8.05</i>
Turbidity (NTU)	<i>Clear</i>					
ORP (mV)						
Diss. Oxygen						

### SAMPLING DATA - SEE CHAIN OF CUSTODY

Sample No.	Date	Time (military)	Sampling Device	Type of Container	Number of Containers	Preservative	Laboratory Tests					
							A	B	C	D	E	F
Depth of water at sampling						Test Method	A					
Comments:							B					
							C					
							D					
							E					
							F					

# REPORT OF GROUND WATER PURGING/SAMPLING DATA



Project No. <b>876.006.001</b>	Well ID No.: <b>MW-2</b>	Day	M	T	Ⓜ	T	F	S	S
Client: <b>Los Olivos CSD</b>					Project: <b>Los Olivos GW Monitoring 24-25</b>				
Location: <b>Alley East of Grand Ave, North of Jonata St</b>					Weather: <i>Sunny</i>				
Observer: <i>Nehuen Fortunelli</i>					Date: <i>11/20/24</i>				

### PURGING DATA

A	Total depth of well (ft)	70 (72.1 TOC)	<b>Screen = 35-65 ft bgs</b>
B	Static water level (ft)	29.23	
C	Depth of water column (ft) (A-B=C)	42.87	
D	Volume multiplier (gal/ft)	0.16	
E	Casing volume, one (gal) (C*Transducer=E)	6.86	
F	Casing volume, three (gal) (3xE=F)	20.58	
G	Purge, time start (military)	1006	
H	Purge, time stop (military)	1100	
I	Total time of purge (min)	54	
J	Purge rate (gal/min)	~0.10/0.15	
K	Actual purge volume (gal)	8.1	
L	Drawdown	--	
M	Type of purge pump		
N	Comments:		
	Sampled at: 1100		

### INDICATOR DATA

Time (hhmm)	1006	1015	1021	1036	1041	1100	
Temperature (C)	19.8	19.1	19.6	19.5	19.4	19.5	
Conductivity	1470	1739	1750	1728	1732	1715	
pH	7.90	7.93	7.98	8.05	8.03	7.52*	
Turbidity (NTU)	clear						
ORP (mV)							
Diss. Oxygen							

### SAMPLING DATA - SEE CHAIN OF CUSTODY

Sample No.	Date	Time (military)	Sampling Device	Type of Container	Number of Containers	Preservative	Laboratory Tests					
							A	B	C	D	E	F
Depth of water at sampling						Test Method	A					
Comments:							B					
* SEE DAILY FIELD LOG							C					
							D					
							E					
						F						

## REPORT OF GROUND WATER PURGING/SAMPLING DATA



Project No. <b>876.006.001</b>	Well ID No.: <b>MW-3</b>	Day	M	T	Ⓜ	T	F	S	S
Client: <b>Los Olivos CSD</b>					Project: <b>Los Olivos GW Monitoring 24-25</b>				
Location: <b>2280 Olivet St</b>					Weather: <i>Sunny / Hot</i>				
Observer: <i>Nelson Fortunelli</i>					Date: <i>11/20/24</i>				

### PURGING DATA

A	Total depth of well (ft)	90 ft bgs	<b>Screen = 50-90 ft bgs</b>
B	Static water level (ft)	14.05	
C	Depth of water column (ft) (A-B=C)	75.95	
D	Volume multiplier (gal/ft)	0.16	
E	Casing volume, one (gal) (C*Transducer=E)	12.15	
F	Casing volume, three (gal) (3*E=F)	36.45	
G	Purge, time start (military)	1302	
H	Purge, time stop (military)	1340	
I	Total time of purge (min)	38	
J	Purge rate (gal/min)	1	
K	Actual purge volume (gal)	38	
L	Drawdown	--	
M	Type of purge pump		
N	Comments:		
			Sampled at: 1340

### INDICATOR DATA

Time (hhmm)	1302	1305	1318	1325	1330	1335
Temperature (C)	19.4	18.8	18.5	18.5	18.4	18.3
Conductivity	1289	1241	1226	1225	1223	1224
pH	8.14	8.10	7.86	7.80	7.77	7.73
Turbidity (NTU)	<i>cloudy</i>					
ORP (mV)						
Diss. Oxygen						

### SAMPLING DATA - SEE CHAIN OF CUSTODY

Sample No.	Date	Time (military)	Sampling Device	Type of Container	Number of Containers	Preservative	Laboratory Tests						
							A	B	C	D	E	F	
Depth of water at sampling						Test Method	A						
Comments:							B						
							C						
							D						
							E						
							F						

# REPORT OF GROUND WATER PURGING/SAMPLING DATA



Project No. 876.006.001	Well ID No.: MW-4	Day	M	T	(W)	T	F	S	S
Client: Los Olivos CSD					Project: Los Olivos GW Monitoring 24-25				
Location: 2440 Olivet St					Weather: Sunny / Hot				
Observer: Nehuen Fortunelli					Date: 11/20/2024				

### PURGING DATA

A	Total depth of well (ft)	60 ft bgs	<b>Screen = 25-60 ft bgs</b>
B	Static water level (ft)	17.00	
C	Depth of water column (ft) (A-B=C)	43	
D	Volume multiplier (gal/ft)	0.16	
E	Casing volume, one (gal) (C*Transducer=E)	6.88	
F	Casing volume, three (gal) (3xE=F)	20.64	
G	Purge, time start (military)	1147	
H	Purge, time stop (military)	1225	
I	Total time of purge (min)	38	
J	Purge rate (gal/min)	0.4	
K	Actual purge volume (gal)	15.2	
L	Drawdown	--	
M	Type of purge pump		
N	Comments:		Sampled at: 1225

### INDICATOR DATA

Time (hhmm)	1147	1150	1157	1204	1209	1217	1224
Temperature (C)	20.9	19.8	19.6	19.8	19.6	19.7	19.5
Conductivity	1778	1776	1567	1568	1601	1621	1620
pH	7.88	7.91	7.78	7.72	7.65	7.58	7.60
Turbidity (NTU)	Clear		PUMP				
ORP (mV)			LOWERED				
Diss. Oxygen							

### SAMPLING DATA - SEE CHAIN OF CUSTODY

Sample No.	Date	Time (military)	Sampling Device	Type of Container	Number of Containers	Preservative	Laboratory Tests								
							A	B	C	D	E	F			
Depth of water at sampling							Test Method	A							
Comments:								B							
								C							
								D							
								E							

# REPORT OF GROUND WATER PURGING/SAMPLING DATA



Project No. <b>876.006.001</b>	Well ID No.: <b>MW-5</b>	Day	M	T	Ⓜ	T	F	S	S
Client: <b>Los Olivos CSD</b>					Project: <b>Los Olivos GW Monitoring 24-25</b>				
Location: <b>Alamo Pintado &amp; Grand Ave</b>					Weather: <i>Sunny</i>				
Observer: <i>Nabeen Fortenelle</i>					Date: <i>11/20/24</i>				

### PURGING DATA

A	Total depth of well (ft)	65	<b>Screen = 30-65 ft bgs</b>
B	Static water level (ft)	8.08	
C	Depth of water column (ft) (A-B=C)	56.92	
D	Volume multiplier (gal/ft)	0.16	
E	Casing volume, one (gal) (CTransducer=E)	9.11	
F	Casing volume, three (gal) (3xE=F)	27.3	
G	Purge, time start (military)	1401	
H	Purge, time stop (military)	1420	
I	Total time of purge (min)	19	
J	Purge rate (gal/min)	1.5	
K	Actual purge volume (gal)	28.5	
L	Drawdown	--	
M	Type of purge pump		
N	Comments:		
			Sampled at: <i>1420</i>

### INDICATOR DATA

Time (hhmm)	1401	1406	1413	1418		
Temperature (C)	18.7	18.5	18.5	18.4		
Conductivity	1146	1144	1148	1146		
pH	7.93	7.86	7.93	7.94		
Turbidity (NTU)	<i>Clear</i>					
ORP (mV)						
Diss. Oxygen						

### SAMPLING DATA - SEE CHAIN OF CUSTODY

Sample No.	Date	Time (military)	Sampling Device	Type of Container	Number of Containers	Preservative	Laboratory Tests					
							A	B	C	D	E	F
Depth of water at sampling						Test Method	A					
Comments:							B					
							C					
							D					
							E					



Water Solutions, Inc.

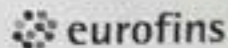
## Daily Field Report

0815	Arrived at MW-1. SWL = 29.53 ft BTOC
0830	Started purge at MW-1
0845	lost flow. Lowered pump. PNL ~ 32 ft BTOC
0855	" = 35.19 ft BTOC
0903	" = 37.55 ft BTOC
	Pumping at ~ 0.25 GPM
0930	Collected MW-1. CA Site Board Staff - Cecile and Annalisa - Collected samples for their own.
1000	Arrived at MW-2. SWL = 29.23 ft BTOC
1006	Started purge at MW-2
1016	MW-2 PNL = 33.04 ft BGS. lost flow. Pump lowered.
1024	" 33.40 ft BGS. lost flow. cannot lower pump any deeper because too close to bottom of the well. Turned pump off for a moment to let aquifer replenish.
1027	Pump back on. Pumping rate ~ 0.10/0.15 GPM.
1038	MW-2 PNL = 33.64 ft BTOC
1057	Pump off. Getting air despite pump being ~ 20 ft below PNL.
1100	Pump on. pH has gone down (8.03 at 1041 to 7.52 at 1100)
1100	GSI and Site Board collected samples at MW-2.
1130	Arrived at MW-4. SWL = 17.00 ft BGS
1147	Started purge at MW-4 at ~ 0.4 GPM
1155	lost flow. Lowered pump. Water is more turbid.
1225	MW-4 samples collected.
1250	Arrived at MW-3. SWL = 14.05 ft BGS
1302	Started purge at MW-3 at ~ 1 GPM
1340	Samples collected at MW-3 without issues.
1355	Arrived at MW-5. SWL = 8.08 ft BGS
1401	Started purge at MW-5 at ~ 1.5 GPM.
1420	MW-5 samples collected smoothly.
1500	Left site

Name: Nehuen Fortunelli

Signature:

Date: 11/20/2024



Environment Testing  
CalScience

2841 Dow Avenue, Suite 100, Tustin, CA 92780 - (714) 885-5494  
For courier service / sample drop off information, contact us26\_sales@eurofins.com or call us

CHAIN-OF-CUSTODY RECORD

DATE: 11-20-24

PAGE: 1 OF 1

LABORATORY CLIENT: <b>GSI WATER SOLUTIONS, INC.</b>		CLIENT PROJECT NAME / NO.: <b>876.006.004</b>	P.O. NO.
ADDRESS: <b>418 CHAPALA ST, SUITE H</b>		<b>LOCSA GW MONITORING 24-25</b>	LAB CONTACT OR QUOTE NO.
CITY: <b>SANTA BARBARA</b>	STATE: <b>CA</b>	PROJECT CONTACT: <b>NEHUEN FORTUNELLI</b>	<b>ANDRES LAPOSTOL</b>
ZIP: <b>93104</b>	TEL: <b>805-259-5666</b>	E-MAIL: <b>NFORTUNELLI@GSINS.COM</b>	GLOBAL ID
TURNAROUND TIME (Rush surcharges may apply to any TAT not STANDARD) <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD		LOG CODE	SAMPLER(S) (PRINT) <b>NEHUEN FORTUNELLI</b>
EDD: <input type="checkbox"/> COELT EDF <input type="checkbox"/> OTHER		<b>REQUESTED ANALYSES</b>	
SPECIAL INSTRUCTIONS:			
Please check box or fill in blank as needed.			

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	<input type="checkbox"/> TPH(g) <input type="checkbox"/> GRO	<input type="checkbox"/> TPH(d) <input type="checkbox"/> DRO	TPH <input type="checkbox"/> C6-C36 <input type="checkbox"/> C6-C44	TPH	BTEX / MTBE <input type="checkbox"/> 8260 <input type="checkbox"/>	VOCs (8260)	Oxygenates (8260)	Prep (8035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs <input type="checkbox"/> 8270 <input type="checkbox"/> 8270 SIM	T22 Metals <input type="checkbox"/> 6010/747X <input type="checkbox"/> 6020/747X	Cr(VI) <input type="checkbox"/> 7196 <input type="checkbox"/> 7199 <input type="checkbox"/> 218.6	NITRATES AS N	NITRITES AS N	TOTAL DISSOLVED SOLIDS	
		DATE	TIME																							
	MW-1	11/20/24	0930	GW	1	X																		X	X	
	MW-2	11/20/24	1100	GW	1	X																		X	X	
	MW-3	11/20/24	1340	GW	1	X																		X	X	
	MW-4	11/20/24	1225	GW	1	X																		X	X	
	MW-5	11/20/24	1420	GW	1	X																		X	X	

Relinquished by: (Signature) <b>NEHUEN FORTUNELLI</b>	Date: <b>11/21/24</b>	Time: <b>10:20 am</b>	Received by: (Signature/Affiliation) <i>[Signature]</i>	Date: <b>11/21/24</b>	Time: <b>10:20</b>
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature/Affiliation)	Date:	Time:

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