

June 30, 2025
SCS Project No. 16225004.00

Mr. Luke Johnson
Compliance Manager
NAES Corporation
2161 Rattlesnake Road
Riesel, Texas 76682

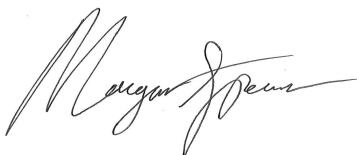
Subject: Sandy Creek Energy Station
Coal Combustion Residual Waste Management Facility
TCEQ Registration No. CCR107
McLennan County, Texas
2025 Semi-Annual Groundwater Monitoring and Corrective Action Report Submittal

Dear Mr. Johnson:

SCS Engineers (SCS) is pleased to submit the 2025 Semi-Annual Groundwater Monitoring and Corrective Action Report to the Sandy Creek Energy Station (Plant) Coal Combustion Residual (CCR) Waste Management Facility (Landfill), in accordance with Coal Combustion Residual Rule (CCR) 40 CFR Part §257.105(h)(1), and the site Groundwater Sampling and Analysis Plan (GWSAP), prepared by SCS, dated January 13, 2022.

Please contact Robert Fowler at (501) 672-9320 if you have comments or require additional information.

Sincerely,



Morgan Spears
Associate Staff Professional
SCS ENGINEERS
TBPE Registration No. F-3407



Brett DeVries 6/30/25
Brett DeVries, Ph.D., P.E.
Senior Project Manager
SCS ENGINEERS



Robert Fowler 6/30/25
Robert Fowler, P.G.
Project Manager
SCS ENGINEERS

Attachment: 2025 Semi-Annual Groundwater Monitoring and Corrective Action Report



2025 Semi-Annual Groundwater Monitoring and Corrective Action Report

Sandy Creek Energy Station
Coal Combustion Residual Waste
Management Facility
McLennan County, Texas

Prepared For:

Sandy Creek Energy Station
2161 Rattlesnake Road
Riesel, Texas 76682

SCS ENGINEERS

SCS Project 16225004.00 | June 2025

1901 Central Drive, Suite 550
Bedford, TX 76021
817-571-2288

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1.0 INTRODUCTION AND BACKGROUND

SCS Engineers (SCS) is submitting this 2025 April Semi-Annual Groundwater Monitoring and Corrective Action Report for the Sandy Creek Energy Station (Plant) Coal Combustion Residual Waste Management Facility (Landfill). This report is submitted in accordance with 40 CFR §257.105(h)(6), 30 TAC 352.931, and the site Groundwater Sampling and Analysis Plan (GWSAP) prepared by SCS, and sealed on January 13, 2022. This report includes results for the first of two semiannual detection monitoring events, conducted in April 2025.

The Plant is a pulverized coal-fired electric generation facility which operates a landfill for disposal of dry scrubber ash and bottom ash generated during the coal combustion process at the facility. Incidental wastes generated during the operation of the facility may also be disposed in the landfill, as described in the initial registration notification to TCEQ. The landfill is currently comprised of disposal cells, Cells 1 and 2, which commenced receiving waste in early 2013 and October 2014, respectively. Additionally, a portion of Cell 3 (includes subcells 3A through 3D) was constructed in 2021. The approximate area of currently constructed Cells 1, 2, and 3 are 10.0, 14.3, and 10.3 acres, respectively. As of April 2025, there has been no CCR waste placed into Cell 3.

Sampling of groundwater monitoring wells is conducted in accordance with 40 CFR §257.93, 30 TAC §352.931, and the GWSAP. Groundwater monitoring of six wells must be performed (BW-1, MW-1, MW-2, MW-3, MW-4, MW-5; as depicted on **Figure 1** for well locations).

In accordance with 40 CFR §257.94(b), and 30 TAC 352.941 quarterly background monitoring must be performed for each well for eight consecutive quarters (i.e., eight independent samples collected for each well). The Appendix III and IV constituents monitored during the first eight quarters include 18 inorganic compounds, total dissolved solids, radium-226, and radium-228. In accordance with 40 CFR §257.94(a and b), the constituents monitored in subsequent events and during the 2025 monitoring events include Appendix III constituents only. Monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5 and BW-1 are currently in detection monitoring.

2.0 GROUNDWATER MONITORING SUMMARY

2.1 GROUNDWATER MONITORING SYSTEM

The current groundwater monitoring system at the SCES landfill consists of six wells, all of which are in detection monitoring (see **Table 1** below). Monitoring well BW-1 serves as an upgradient monitoring point and the remaining five monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5) serve as downgradient monitoring points. **Figure 1** depicts monitoring well locations at SCES.

Table 1 – Groundwater Monitoring System

Well ID (U/D) ¹	Status	Top of Casing Elevation (ft msl) ²	Well Depth (ft, bgs) ²	Screen Interval (ft, bgs) ²	Water Level Elevation (ft msl, on 4/29/2025)
BW-1 (U)	Detection	485.57	38.63	28.30-38.30	468.87
MW-1 (D)	Detection	465.87	34.23	23.90-33.90	454.46
MW-2 (D)	Detection	442.15	19.63	9.30-19.30	428.82
MW-3 (D)	Detection	430.06	16.23	5.98-15.98	421.22
MW-4 (D)	Detection	436.91	30.30	20.00-30.00	422.86
MW-5 (D)	Detection	454.52	35.30	25.00-35.00	433.51

1 (U) = upgradient, (D) = downgradient; 2 Top of Casing Elevation, Well Depth, and Screen Interval information obtained from Table 1 – Monitoring Well and Piezometer Construction Details and Groundwater Elevations prepared by Geosyntec Consultants, dated March 11, 2016 and the November 2020 Groundwater Monitoring Well Install Report prepared by SCS Engineers dated January 22, 2021; ft msl = feet above mean sea level; ft bgs = feet below ground surface

2.2 APRIL 2025 SEMIANNUAL MONITORING EVENT

The April 2025 sampling event followed the groundwater sampling and laboratory analysis procedures outlined in the GWSAP. All monitoring wells were sampled and analyzed for 40 CFR §257 Appendix III constituents, in accordance with 40 CFR §257.94(a). All six wells (MW-1, MW-2, MW-3, MW-4, MW-5, and BW-1) were purged and sampled on April 29, 2025, using disposable PVC bailers. Quality Assurance/Quality Control (QA/QC) samples obtained included one duplicate (DUP). Field forms and laboratory results for this event are provided in **Appendices A & B**, respectively, and summarized in **Table 2**. The Laboratory Review Checklist was reviewed by SCS, and the data was determined to conform to the most current National Environmental Laboratory Accreditation Conference (NELAC) standards.

3.0 RESULTS AND STATISTICAL ANALYSIS

A summary of the April 2025 laboratory results and statistical limits in each well–constituent pair is provided in **Table 2**. Time series graphs of Appendix III constituent concentrations are provided in **Appendix D**. Statistical limits were determined in accordance with 40 CFR §257.93(f-g) and the GWSAP using the software program Sanitas®. Statistical limits for the April 2025 sampling event were determined in the Background Evaluation Report Update completed on October 6, 2023. Statistical limits were presented using Shewhart-CUSUM control charts, non-parametric prediction limits, or parametric prediction limits as deemed appropriate by background data distributions.

Table 2 – April 2025 Sampling Results and Statistical Limits

MW-ID	Constituent	Lab Results	Statistical Limit*
MW-1 (D)	Boron (mg/L)	1.4	1.661
	Calcium (mg/L)	540	603.5
	Chloride (mg/L)	140	253
	pH at 25 °C	7.4	6.2 - 8.3
	Sulfate (mg/L)	2800	3299
	TDS (mg/L)	4000	5444
	Fluoride (mg/L)	ND	1.2
MW-2 (D)	Boron (mg/L)	1.8	3.533
	Calcium (mg/L)	600	827.1
	Chloride (mg/L)	1900	3709
	pH at 25 °C	7.0	6.7 - 7.5
	Sulfate (mg/L)	3500	4671
	TDS (mg/L)	7900	13374
	Fluoride (mg/L)	ND	1.3
MW-3 (D)	Boron (mg/L)	1.4	1.565
	Calcium (mg/L)	430	697.5
	Chloride (mg/L)	280	595.7
	pH at 25 °C	6.9	6.5 – 7.3
	Sulfate (mg/L)	2900	3926
	TDS (mg/L)	4800	8507
	Fluoride (mg/L)	ND	0.662
MW-4 (D)	Boron (mg/L)	5.5	6.58
	Calcium (mg/L)	460	641.8
	Chloride (mg/L)	970	1892
	pH at 25 °C	7.3	5.7 – 9.1
	Sulfate (mg/L)	3200	3416
	TDS (mg/L)	7100	7432
	Fluoride (mg/L)	ND	0.55
MW-5 (D)	Boron (mg/L)	3.4	4.5
	Calcium (mg/L)	580	706.6
	Chloride (mg/L)	1400	1986
	pH at 25 °C	7.3	6.2 – 8.2
	Sulfate (mg/L)	4100	4154
	TDS (mg/L)	6900	9806
	Fluoride (mg/L)	ND	1.139

BW-1 (U)	Boron (mg/L)	4.0	4.837
	Calcium (mg/L)	640	738.4
	Chloride (mg/L)	1200	1502
	pH at 25 °C	7.1	6.2 - 7.9
	Sulfate (mg/L)	3100	3770
	TDS (mg/L)	6200	7320
	Fluoride (mg/L)	ND	0.94
*Calculated in October 6, 2023 Background Evaluation Report Update (U)=upgradient, (D)=downgradient <i>Bolded italicized</i> value indicates that constituent exceeded intrawell statistical limit (unconfirmed SSI) ND=Not detected			

No statistically significant increases (SSIs) were indicated for any Appendix III constituents during the April 2025 detection monitoring events at the SCES landfill. Due to the lack of SSIs for Appendix III constituents during the April 2025 detection monitoring event, the facility will continue detection monitoring for all constituents listed in 40 CFR §257 Appendix III during semiannual groundwater monitoring events, in accordance with 40 CFR §257.94(a). The Appendix IV constituent list will be analyzed if any confirmed statistical exceedances of the Appendix III list are indicated in future events. The next planned groundwater monitoring event is the second semiannual detection monitoring event scheduled for the fourth quarter of 2025.

4.0 RECOMMENDATIONS

No SSIs were identified for Appendix III constituents during the 2025 April Semi-Annual detection monitoring events at Sandy Creek Energy Station Coal Combustion Residual Waste Management Facility. SCS recommends that the facility remain in semiannual detection monitoring, in accordance with 40 CFR §257.94. Due to the lack of confirmed SSIs for Appendix III constituents during the April 2025 detection monitoring event, the landfill will continue monitoring for all constituents listed in 40 CFR §257 Appendix III during semiannual groundwater monitoring events, in accordance with 40 CFR §257.94(a). The Appendix IV constituent list will be analyzed if any confirmed statistical exceedances of the Appendix III list are indicated in future events. The next planned groundwater monitoring event is a semiannual detection monitoring event scheduled for the fourth quarter of 2025.

5.0 GROUNDWATER FLOW RATE AND DIRECTION CALCULATIONS APRIL 2025

In accordance with 40 CFR Part §257.93(c), the groundwater flow rate and direction in the uppermost aquifer in the area of the existing groundwater monitoring wells were calculated.

Flow Rate Calculation

$$V_a = \frac{KI}{7.5N} \quad (\text{Driscoll, 1986, Groundwater and Wells})$$

Where:

- V_a = Actual Velocity of Groundwater Flow (ft/day)
- K = Hydraulic Conductivity (gpd/ft²)
- I = Hydraulic Gradient (ft/ft)
- N = Effective Porosity (%)

Then:

$$K = 2.0 \times 10^{-4} \text{ cm/sec (geometric mean hydraulic conductivity obtained from slug tests performed by Geosyntec in 2010)}$$

Find K equivalent in units of gpd/ft²:

$$(1 \text{ cm/sec} = 21,200 \text{ gallons/day/ft}^2)$$

$$2.0 \times 10^{-4} \text{ cm/sec} \times 21,200 \text{ gallons/day/ft}^2 = 4.24 \text{ gpd/ft}^2$$

$$\text{Find } I: \frac{\text{BW-1 elevation} - \text{MW-3 elevation}}{\text{distance between wells}} = \frac{468.87 \text{ ft} - 421.22 \text{ ft}}{2,350 \text{ ft}} = 0.02027 \text{ ft/ft}$$

- $I = 0.02027 \text{ ft/ft}$ (ave. gradient across the site, from April 2025 water levels)
- $N = 6\%$ (representative effective porosity for clay from Morris and Johnson, 1967)

Therefore:

$$V_a = \frac{4.24 \text{ gpd/ft}^2 \times (0.02027 \text{ ft/ft})}{7.5 (0.06)} = 0.191 \text{ ft/day}$$

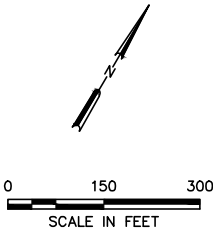
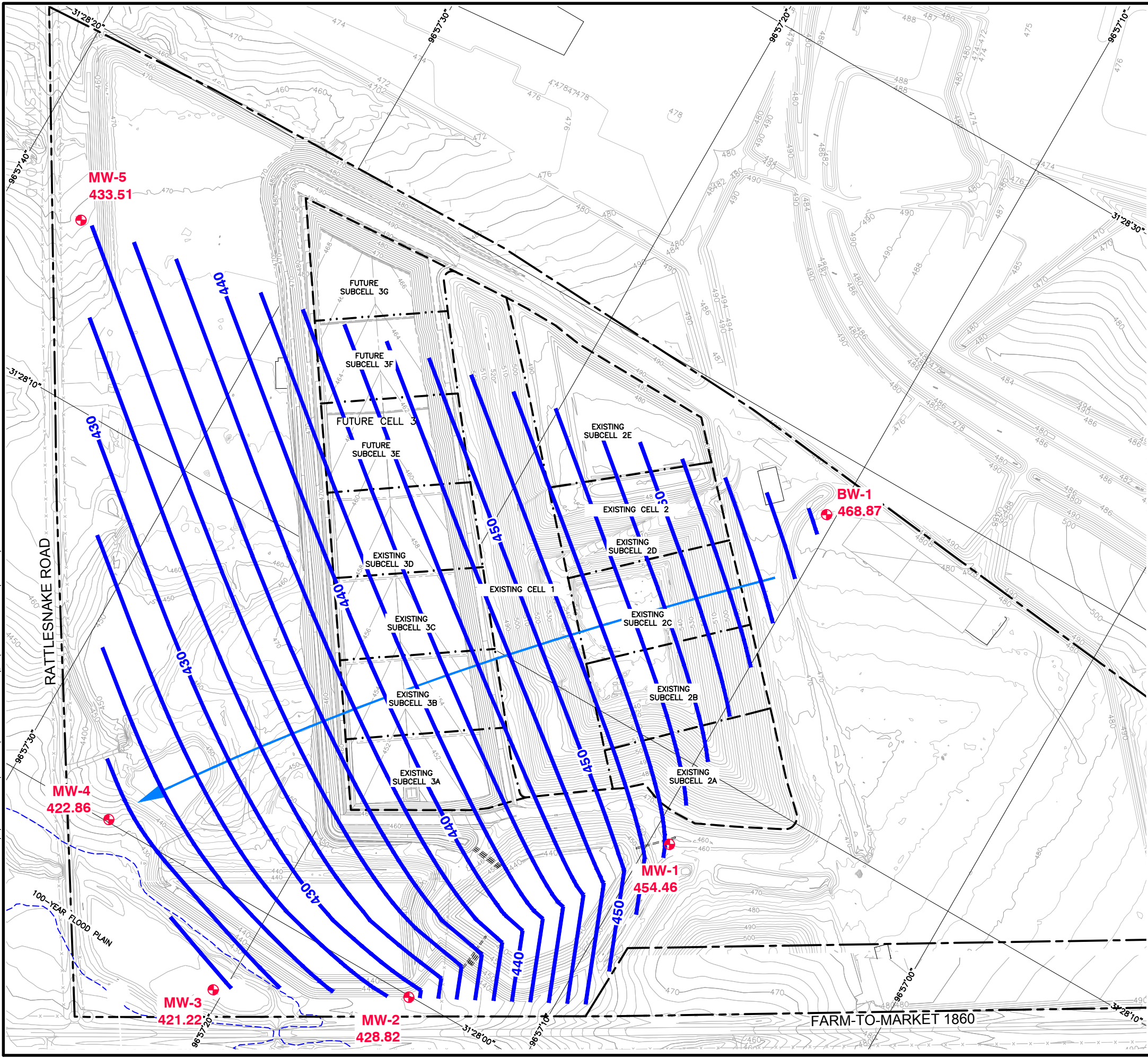
$$(0.191 \text{ ft/day})(365 \text{ days/year}) = \mathbf{69.72 \text{ ft/year}}$$

Conclusion

The April 2025 site groundwater flow rate was estimated as **69.72 ft/year**. The gradient was measured using BW-1 and MW-3. The April 2025 groundwater flow direction is to the south-southwest. The groundwater flow rate and direction are consistent with conditions previously observed at the site. See **Figure 1** for details, provided in accordance with 40 CFR Part §257.93(c).

Figure 1. Groundwater Contour Map April 2025


6/20/2025 5:05 PM C:\SANDY CREEK\16224008.00 T2 - GW MAP_TWE\GW MONITORING - Zoomed (GW APR 2025)



- LEGEND
- PLANT PROPERTY BOUNDARY
 - LANDFILL REGISTRATION BOUNDARY
 - REGISTERED LIMITS OF WASTE
 - EXISTING CELL BOUNDARY
 - FUTURE CELL BOUNDARY
 - 96°57'10" LATITUDE/LONGITUDE LINES
 - 100-YEAR FLOOD PLAIN
 - EXISTING MONITORING WELL
 - 450 PROPOSED/EXISTING EXCAVATION CONTOURS (SEE NOTE 3)
 - 450 GROUNDWATER CONTOUR
 - ← GROUNDWATER FLOW DIRECTION

- NOTES:
1. THE EXISTING CONTOUR MAP SHOWN ON THIS DRAWING WAS COMPILED FROM AN AERIAL SURVEY CONDUCTED BY DALLAS AERIAL SURVEY, INC. IN NOVEMBER, 2020 AND EXISTING TOPOGRAPHY BY BLACK & VEATCH CORPORATION DATED APRIL 2006. STATE PLANE COORDINATE GRID CORRESPONDS TO TEXAS STATE PLAN COORDINATE SYSTEM, TEXAS CENTRAL ZONE (4203), NORTH AMERICAN DATUM 83 (NAD83) 1983.
 2. ELEVATION ARE IN FEET ABOVE MEAN SEA LEVEL (FT. MSL) AS DEFINED BY THE USGS NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1988. STATE PLANE COORDINATE GRID CORRESPONDS TO TEXAS STATE COORDINATE SYSTEM, TEXAS CENTRAL ZONE (4203), NORTH AMERICAN DATUM OF 1983 (NAD-83).
 3. EXISTING FEATURES IN SUBCELLS 3A THROUGH 3D ARE EXISTING AND SUBCELLS 3E THROUGH 3G ARE PROPOSED AT THE TIME OF THIS REGISTRATION APPLICATION DEVELOPMENT.
 4. WATER LEVEL ELEVATIONS WERE TAKEN IN APRIL 29, 2025.

CLIENT	SANDY CREEK ENERGY STATION				DRAWING TITLE				REV	DATE	DESCRIPTION	BY
	2161 RATTLESNAKE ROAD				GROUNDWATER CONTOUR MAP							
	RIESEL, TEXAS 76682				APRIL 2025							
SCS ENGINEERS	STEARN, CONRAD AND SCHMIDT				PROJECT TITLE				REV	DATE	DESCRIPTION	BY
	CONSULTING ENGINEERS				2025 SEMI-ANNUAL							
	1901 CENTRAL DRIVE, SUITE 550, BEDFORD, TX. 76021				GROUNDWATER MONITORING							
	PH (817) 571-2288 FAX NO. (817) 571-2188				AND CORRECTIVE ACTION REPORT							
CADD FILE:				PROJ. NO. 16224008.00		DWN. BY: JLL		O/A R/W BY: RF		TEXAS BOARD OF PROFESSIONAL ENGINEERS REG. NO. F-3407		
GW MONITORING - ZOOMED (GW APR 2025)				DWN. BY: MS		CHK. BY: MS		APP. BY: RF				
DATE:				04/2025								
SCALE:				AS SHOWN								
FIGURE:				1								



Appendix A

April 2025 Groundwater Monitoring Field Forms

Groundwater Monitoring Form

Facility name: Sandy Creek Energy Station
Permittee: Sandy Creek Energy Associates, L.P.
County: McLennan

1. Facility Type: Power Station
2. Monitor well no.: BW-1
3. Date of sampling: 4/29/2025

Name of sampler: Morgan S.
Affiliation of sampler: SCS Engineers
If split sampled, with whom? N/A
Integrity of well: Good
Installation date: 9/22/2015

Most recent previous sampling: 12/2/2024
Date of water level measurements: 4/29/2025
Datum reference point: Top of Casing
Datum elevation*: 485.57
Depth to water(below datum)*: 16.70
4. Water level elevation*: 468.87

5. Purging/Sampling method: Bailer (Enter bailer or pump)
Were low-flow methods used? ☐ yes ☒ no (check one)
If yes, what volume was purged? N/A gal.
6. Well volumes purged: 3.0
7. Was the well dry before purging? ☐ yes ☒ no (check one)
8. Was the well dry after purging? ☐ yes ☒ no (check one)
9. How long before sampling? 4
10. Unit of measure? hours (Enter value as days, hours, or mins.)

11. Sample event: Detection
- Background - Corrective Action
- Detection - Other
- Assessment
12. Sample schedule: Semi-Annual
- Quarterly - Fourth Year
- Semi-Annual - Other
- Annual
13. Sample type: Regular
- Regular - Split
- Duplicate - Other
- Resample

Field Measurements:

14. pH 7.12
15. Spec. cond. 6.65
17. Temp. 23.10
19. Turbidity 30.3

16. ☒ mS/cm
18. ☐ F or ☒ C (check one)
20. ☒ NTU

Laboratory:

21. Name Eurofins Dallas
Address: 9701 Harry Hines Blvd

Phone: (214) 902-0300

Representative's Signature: Anita Patel

Date: 6/10/25

Site Operator's Signature: _____

Date: _____

* Report depth to water and elevations to nearest 0.01 foot relative to mean sea level (msl).

Groundwater Monitoring Form

Facility name: Sandy Creek Energy Station
Permittee: Sandy Creek Energy Associates, L.P.
County: McLennan

1. Facility Type: Power Station
2. Monitor well no.: MW-1
3. Date of sampling: 4/29/2025

Name of sampler: Morgan S.
Affiliation of sampler: SCS Engineers
If split sampled, with whom? N/A
Integrity of well: Good
Installation date: 9/21/2015

Most recent previous sampling: 12/2/2024
Date of water level measurements: 4/29/2025
Datum reference point: Top of Casing
Datum elevation*: 465.87
Depth to water(below datum)*: 11.41
4. Water level elevation*: 454.46

5. Purging/Sampling method: Bailer (Enter bailer or pump)
Were low-flow methods used? ☐ yes ☒ no (check one)
If yes, what volume was purged? N/A gal.
6. Well volumes purged: 2.0
7. Was the well dry before purging? ☐ yes ☒ no (check one)
8. Was the well dry after purging? ☒ yes ☐ no (check one)
9. How long before sampling? 3.5
10. Unit of measure? hours (Enter value as days, hours, or mins.)

11. Sample event: Detection
- Background - Corrective Action
- Detection - Other
- Assessment
12. Sample schedule: Semi-Annual
- Quarterly - Fourth Year
- Semi-Annual - Other
- Annual
13. Sample type: Regular
- Regular - Split
- Duplicate - Other
- Resample

Field Measurements:

14. pH 7.36
15. Spec. cond. 3.63
17. Temp. 22.90
19. Turbidity 13.6

16. ☒ mS/cm
18. ☐ F or ☒ C (check one)
20. ☒ NTU

Laboratory:

21. Name Eurofins Dallas
Address: 9701 Harry Hines Blvd

Phone: (214) 902-0300

Representative's Signature: Anita Patel

Date: 6/10/25

Site Operator's Signature: _____

Date: _____

* Report depth to water and elevations to nearest 0.01 foot relative to mean sea level (msl).

Groundwater Monitoring Form

Facility name: Sandy Creek Energy Station
Permittee: Sandy Creek Energy Associates, L.P.
County: McLennan

1. Facility Type: Power Station
2. Monitor well no.: MW-2
3. Date of sampling: 4/29/2025

Name of sampler: Morgan S.
Affiliation of sampler: SCS Engineers
If split sampled, with whom? N/A
Integrity of well: Good
Installation date: 9/23/2015

Most recent previous sampling: 12/2/2024
Date of water level measurements: 4/29/2025
Datum reference point: Top of Casing
Datum elevation*: 442.15
Depth to water(below datum)*: 13.33
4. Water level elevation*: 428.82

5. Purging/Sampling method: Bailer (Enter bailer or pump)
Were low-flow methods used? ☐ yes ☒ no (check one)
If yes, what volume was purged? N/A gal.
6. Well volumes purged: 2.8
7. Was the well dry before purging? ☐ yes ☒ no (check one)
8. Was the well dry after purging? ☒ yes ☐ no (check one)
9. How long before sampling? 3
10. Unit of measure? hours (Enter value as days, hours, or mins.)

11. Sample event: Detection
- Background - Corrective Action
- Detection - Other
- Assessment
12. Sample schedule: Semi-Annual
- Quarterly - Fourth Year
- Semi-Annual - Other
- Annual
13. Sample type: Regular
- Regular - Split
- Duplicate - Other
- Resample

Field Measurements:

14. pH 6.71
15. Spec. cond. 9.91
17. Temp. 22.50
19. Turbidity 41.1

16. ☒ mS/cm
18. ☐ F or ☒ C (check one)
20. ☒ NTU

Laboratory:

21. Name Eurofins Dallas
Address: 9701 Harry Hines Blvd

Phone: (214) 902-0300

Representative's Signature: 

Date: 6/10/25

Site Operator's Signature: _____

Date: _____

* Report depth to water and elevations to nearest 0.01 foot relative to mean sea level (msl).

Groundwater Monitoring Form

Facility name: Sandy Creek Energy Station
Permittee: Sandy Creek Energy Associates, L.P.
County: McLennan

1. Facility Type: Power Station
2. Monitor well no.: MW-3
3. Date of sampling: 4/29/2025

Name of sampler: Morgan S.
Affiliation of sampler: SCS Engineers
If split sampled, with whom? N/A
Integrity of well: Good
Installation date: 9/1/2010

Most recent previous sampling: 12/2/2024
Date of water level measurements: 4/29/2025
Datum reference point: Top of Casing
Datum elevation*: 430.06
Depth to water(below datum)*: 8.84
4. Water level elevation*: 421.22

5. Purging/Sampling method: Bailer (Enter bailer or pump)
Were low-flow methods used? ☐ yes ☒ no (check one)
If yes, what volume was purged? N/A gal.
6. Well volumes purged: 3.0
7. Was the well dry before purging? ☐ yes ☒ no (check one)
8. Was the well dry after purging? ☐ yes ☒ no (check one)
9. How long before sampling? 4
10. Unit of measure? hours (Enter value as days, hours, or mins.)

11. Sample event: Detection
- Background - Corrective Action
- Detection - Other
- Assessment
12. Sample schedule: Semi-Annual
- Quarterly - Fourth Year
- Semi-Annual - Other
- Annual
13. Sample type: Regular
- Regular - Split
- Duplicate - Other
- Resample

Field Measurements:

14. pH 6.71
15. Spec. cond. 4.94
17. Temp. 22.80
19. Turbidity 12.9

16. ☒ mS/cm
18. ☐ F or ☒ C (check one)
20. ☒ NTU

Laboratory:

21. Name Eurofins Dallas
Address: 9701 Harry Hines Blvd

Phone: (214) 902-0300

Representative's Signature: Anita Patel

Date: 6/10/25

Site Operator's Signature: _____

Date: _____

* Report depth to water and elevations to nearest 0.01 foot relative to mean sea level (msl).

Groundwater Monitoring Form

Facility name: Sandy Creek Energy Station
Permittee: Sandy Creek Energy Associates, L.P.
County: McLennan

1. Facility Type: Power Station
2. Monitor well no.: MW-4
3. Date of sampling: 4/29/2025

Name of sampler: Morgan S.
Affiliation of sampler: SCS Engineers
If split sampled, with whom? N/A
Integrity of well: Good
Installation date: 11/2/2020

Most recent previous sampling: 12/2/2024
Date of water level measurements: 4/29/2025
Datum reference point: Top of Casing
Datum elevation*: 436.91
Depth to water(below datum)*: 14.05
4. Water level elevation*: 422.86

5. Purging/Sampling method: Bailer (Enter bailer or pump)
Were low-flow methods used? ☐ yes ☒ no (check one)
If yes, what volume was purged? N/A gal.
6. Well volumes purged: 2.6
7. Was the well dry before purging? ☐ yes ☒ no (check one)
8. Was the well dry after purging? ☒ yes ☐ no (check one)
9. How long before sampling? 3
10. Unit of measure? hours (Enter value as days, hours, or mins.)

11. Sample event: Detection
- Background - Corrective Action
- Detection - Other
- Assessment
12. Sample schedule: Semi-Annual
- Quarterly - Fourth Year
- Semi-Annual - Other
- Annual
13. Sample type: Regular
- Regular - Split
- Duplicate - Other
- Resample

Field Measurements:

14. pH 7.13
15. Spec. cond. 7.16
17. Temp. 22.70
19. Turbidity 38.8

16. ☒ mS/cm
18. ☐ F or ☒ C (check one)
20. ☒ NTU

Laboratory:

21. Name Eurofins Dallas
Address: 9701 Harry Hines Blvd

Phone: (214) 902-0300

Representative's Signature: Anita Patel

Date: 6/10/25

Site Operator's Signature: _____

Date: _____

* Report depth to water and elevations to nearest 0.01 foot relative to mean sea level (msl)

Groundwater Monitoring Form

Facility name: Sandy Creek Energy Station
Permittee: Sandy Creek Energy Associates, L.P.
County: McLennan

1. Facility Type: Power Station
2. Monitor well no.: MW-5
3. Date of sampling: 4/29/2025

Name of sampler: Morgan S.
Affiliation of sampler: SCS Engineers
If split sampled, with whom? N/A
Integrity of well: Good
Installation date: 11/2/2020

Most recent previous sampling: 12/2/2024
Date of water level measurements: 4/29/2025
Datum reference point: Top of Casing
Datum elevation*: 454.52
Depth to water(below datum)*: 21.01
4. Water level elevation*: 433.51

5. Purging/Sampling method: Bailer (Enter bailer or pump)
Were low-flow methods used? ☐ yes ☒ no (check one)
If yes, what volume was purged? N/A gal.
6. Well volumes purged: 3.0
7. Was the well dry before purging? ☐ yes ☒ no (check one)
8. Was the well dry after purging? ☐ yes ☒ no (check one)
9. How long before sampling? 4
10. Unit of measure? hours (Enter value as days, hours, or mins.)

11. Sample event: Detection
- Background - Corrective Action
- Detection - Other
- Assessment
12. Sample schedule: Semi-Annual
- Quarterly - Fourth Year
- Semi-Annual - Other
- Annual
13. Sample type: Regular
- Regular - Split
- Duplicate - Other
- Resample

Field Measurements:

14. pH 7.13
15. Spec. cond. 8.48
17. Temp. 23.10
19. Turbidity 10.4

16. ☒ mS/cm
18. ☐ F or ☒ C (check one)
20. ☒ NTU

Laboratory:

21. Name Eurofins Dallas
Address: 9701 Harry Hines Blvd

Phone: (214) 902-0300

Representative's Signature: Anita Patel

Date: 6/10/25

Site Operator's Signature: _____

Date: _____

* Report depth to water and elevations to nearest 0.01 foot relative to mean sea level (msl).

Groundwater Monitoring Form

Facility name: Sandy Creek Energy Station
Permittee: Sandy Creek Energy Associates, L.P.
County: McLennan

1. Facility Type: Power Station
2. Monitor well no.: DUP
3. Date of sampling: 4/29/2025

Name of sampler: Morgan S.
Affiliation of sampler: SCS Engineers
If split sampled, with whom? N/A
Integrity of well: N/A
Installation date: N/A

Most recent previous sampling: N/A
Date of water level measurements: N/A
Datum reference point: Top of Casing
Datum elevation*: N/A
Depth to water(below datum)*: N/A
4. Water level elevation*: N/A

5. Purging/Sampling method: N/A (Enter bailer or pump)
Were low-flow methods used? ☐ yes ☐ no (check one)
If yes, what volume was purged? N/A gal.
6. Well volumes purged: N/A
7. Was the well dry before purging? ☐ yes ☐ no (check one)
8. Was the well dry after purging? ☐ yes ☐ no (check one)
9. How long before sampling? N/A
10. Unit of measure? N/A (Enter value as days, hours, or mins.)

11. Sample event: Detection
- Background - Corrective Action
- Detection - Other
- Assessment
12. Sample schedule: Semi-Annual
- Quarterly - Fourth Year
- Semi-Annual - Other
- Annual
13. Sample type: Duplicate
- Regular - Split
- Duplicate - Other
- Resample

Field Measurements:

14. pH N/A
15. Spec. cond. N/A
17. Temp. N/A
19. Turbidity N/A

16. ☐ mS/cm
18. ☐ F or ☐ C (check one)
20. ☐ NTU

Laboratory:

21. Name Eurofins Dallas Phone: (214) 902-0300
Address: 9701 Harry Hines Blvd

Representative's Signature: Anita Patel Date: 6/10/25

Site Operator's Signature: _____ Date: _____

* Report depth to water and elevations to nearest 0.01 foot relative to mean sea level (msl).

Appendix B

April 2025 Laboratory Reports with Chain of Custody Forms

ANALYTICAL REPORT

PREPARED FOR

Attn: Asher Boudreaux
SCS Engineers
1901 Central Avenue
Suite 550
Bedford, Texas 76021

Generated 5/9/2025 10:23:33 AM

JOB DESCRIPTION

Sandy Creek Groundwater

JOB NUMBER

870-35866-1

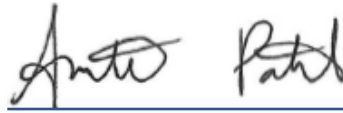
Eurofins Dallas

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
5/9/2025 10:23:33 AM

Authorized for release by
Anita Patel, Project Manager
Anita.Patel@et.eurofinsus.com
(832)776-2275



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Definitions/Glossary

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.

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: SCS Engineers
Project: Sandy Creek Groundwater

Job ID: 870-35866-1

Job ID: 870-35866-1

Eurofins Dallas

Job Narrative 870-35866-1

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 4/30/2025 3:35 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 3.9°C.

HPLC/IC

Method 9056A_ORGFM_28D: The matrix spike duplicate (MSD) recoveries for Fluoride analytical batch 860-233119 was outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 9056A_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-233119 contained Chloride above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 9056A_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-233119 contained Chloride and Sulfate above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 9056A_ORGFM_28D: The following samples were diluted due to the nature of the sample matrix: BW-1 (870-35866-1), MW-2 (870-35866-3), MW-3 (870-35866-4), MW-4 (870-35866-5), MW-5 (870-35866-6) and DUP (870-35866-7). Elevated reporting limits (RLs) are provided.

Method 9056A_ORGFM_28D: The following samples were diluted to bring the concentration of Sulfate within the calibration range: BW-1 (870-35866-1), MW-1 (870-35866-2), MW-3 (870-35866-4), MW-4 (870-35866-5) and DUP (870-35866-7). Elevated reporting limits (RLs) are provided.

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

Metals

Method 6020B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-233174 and analytical batch 860-233875 were outside control limits. 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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Client Sample Results

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Client Sample ID: BW-1

Lab Sample ID: 870-35866-1

Date Collected: 04/29/25 16:40

Matrix: Water

Date Received: 04/30/25 15:35

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		1.3	1.3	mg/L			05/02/25 23:04	5
Fluoride	ND		0.50	0.50	mg/L			05/02/25 23:04	5

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3100		10	10	mg/L			05/02/25 23:11	50

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	4.0		0.080	0.080	mg/L		05/02/25 11:23	05/06/25 15:11	20
Calcium	640		0.60	0.60	mg/L		05/02/25 11:23	05/06/25 15:11	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9040C)	7.1	HF			SU			05/08/25 19:18	1
Temperature (SW846 9040C)	14.8	HF			Degrees C			05/08/25 19:18	1
Corrosivity (SW846 9040C)	7.1	HF			SU			05/08/25 19:18	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6200		20	20	mg/L			05/06/25 13:57	1

Client Sample ID: MW-1

Lab Sample ID: 870-35866-2

Date Collected: 04/29/25 17:05

Matrix: Water

Date Received: 04/30/25 15:35

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		0.50	0.25	mg/L			05/02/25 23:33	1
Fluoride	ND		0.50	0.10	mg/L			05/02/25 23:33	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2800		2.0	2.0	mg/L			05/02/25 23:41	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.4		0.20	0.20	mg/L		05/02/25 11:23	05/06/25 14:57	50
Calcium	540		1.5	1.5	mg/L		05/02/25 11:23	05/06/25 14:57	50

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9040C)	7.4	HF			SU			05/08/25 19:27	1
Temperature (SW846 9040C)	15.1	HF			Degrees C			05/08/25 19:27	1
Corrosivity (SW846 9040C)	7.4	HF			SU			05/08/25 19:27	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4000		20	20	mg/L			05/06/25 13:57	1

Eurofins Dallas

Client Sample Results

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Client Sample ID: MW-2

Lab Sample ID: 870-35866-3

Date Collected: 04/29/25 17:30

Matrix: Water

Date Received: 04/30/25 15:35

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1900		2.5	2.5	mg/L			05/02/25 23:48	10
Fluoride	ND		1.0	1.0	mg/L			05/02/25 23:48	10
Sulfate	3500		2.0	2.0	mg/L			05/02/25 23:48	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.8		0.080	0.080	mg/L		05/02/25 11:23	05/06/25 15:14	20
Calcium	600		0.60	0.60	mg/L		05/02/25 11:23	05/06/25 15:14	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9040C)	7.0	HF			SU			05/08/25 19:25	1
Temperature (SW846 9040C)	14.1	HF			Degrees C			05/08/25 19:25	1
Corrosivity (SW846 9040C)	7.0	HF			SU			05/08/25 19:25	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7900		50	50	mg/L			05/06/25 13:57	1

Client Sample ID: MW-3

Lab Sample ID: 870-35866-4

Date Collected: 04/29/25 15:35

Matrix: Water

Date Received: 04/30/25 15:35

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		1.3	1.3	mg/L			05/03/25 00:03	5
Fluoride	ND		0.50	0.50	mg/L			05/03/25 00:03	5

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2900		10	10	mg/L			05/03/25 00:10	50

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.4		0.080	0.080	mg/L		05/02/25 11:23	05/06/25 15:08	20
Calcium	430		0.60	0.60	mg/L		05/02/25 11:23	05/06/25 15:08	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9040C)	6.9	HF			SU			05/08/25 19:23	1
Temperature (SW846 9040C)	13.9	HF			Degrees C			05/08/25 19:23	1
Corrosivity (SW846 9040C)	6.9	HF			SU			05/08/25 19:23	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4800		20	20	mg/L			05/06/25 13:57	1

Client Sample ID: MW-4

Lab Sample ID: 870-35866-5

Date Collected: 04/29/25 18:00

Matrix: Water

Date Received: 04/30/25 15:35

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	970		1.3	1.3	mg/L			05/03/25 00:18	5
Fluoride	ND		0.50	0.50	mg/L			05/03/25 00:18	5

Eurofins Dallas

Client Sample Results

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Client Sample ID: MW-4

Lab Sample ID: 870-35866-5

Date Collected: 04/29/25 18:00

Matrix: Water

Date Received: 04/30/25 15:35

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3200		10	10	mg/L			05/03/25 00:25	50

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	5.5		0.20	0.20	mg/L		05/02/25 11:23	05/06/25 15:00	50
Calcium	460		1.5	1.5	mg/L		05/02/25 11:23	05/06/25 15:00	50

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9040C)	7.3	HF			SU			05/08/25 19:21	1
Temperature (SW846 9040C)	14.1	HF			Degrees C			05/08/25 19:21	1
Corrosivity (SW846 9040C)	7.3	HF			SU			05/08/25 19:21	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7100		20	20	mg/L			05/06/25 13:57	1

Client Sample ID: MW-5

Lab Sample ID: 870-35866-6

Date Collected: 04/29/25 16:10

Matrix: Water

Date Received: 04/30/25 15:35

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		2.5	2.5	mg/L			05/03/25 00:32	10
Fluoride	ND		1.0	1.0	mg/L			05/03/25 00:32	10
Sulfate	4100		2.0	2.0	mg/L			05/03/25 00:32	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	3.4		0.080	0.080	mg/L		05/02/25 11:23	05/06/25 15:03	20
Calcium	580		0.60	0.60	mg/L		05/02/25 11:23	05/06/25 15:03	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9040C)	7.3	HF			SU			05/08/25 19:32	1
Temperature (SW846 9040C)	15.3	HF			Degrees C			05/08/25 19:32	1
Corrosivity (SW846 9040C)	7.3	HF			SU			05/08/25 19:32	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6900		50	50	mg/L			05/06/25 13:57	1

Client Sample ID: DUP

Lab Sample ID: 870-35866-7

Date Collected: 04/29/25 15:40

Matrix: Water

Date Received: 04/30/25 15:35

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		1.3	1.3	mg/L			05/03/25 01:02	5
Fluoride	ND		0.50	0.50	mg/L			05/03/25 01:02	5

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2900		10	10	mg/L			05/03/25 01:09	50

Eurofins Dallas

Client Sample Results

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Client Sample ID: DUP

Lab Sample ID: 870-35866-7

Date Collected: 04/29/25 15:40

Matrix: Water

Date Received: 04/30/25 15:35

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.2		0.080	0.080	mg/L		05/02/25 11:23	05/06/25 15:05	20
Calcium	460		0.60	0.60	mg/L		05/02/25 11:23	05/06/25 15:05	20

General Chemistry

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9040C)	6.9	HF			SU			05/08/25 19:19	1
Temperature (SW846 9040C)	14.7	HF			Degrees C			05/08/25 19:19	1
Corrosivity (SW846 9040C)	6.9	HF			SU			05/08/25 19:19	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5000		20	20	mg/L			05/06/25 13:57	1

QC Sample Results

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-233119/5

Matrix: Water

Analysis Batch: 233119

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.25	mg/L			05/02/25 09:54	1
Fluoride	ND		0.50	0.10	mg/L			05/02/25 09:54	1
Sulfate	ND		0.50	0.20	mg/L			05/02/25 09:54	1

Lab Sample ID: MB 860-233119/74

Matrix: Water

Analysis Batch: 233119

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	0.25	mg/L			05/02/25 19:16	1
Fluoride	ND		0.50	0.10	mg/L			05/02/25 19:16	1
Sulfate	ND		0.50	0.20	mg/L			05/02/25 19:16	1

Lab Sample ID: LCS 860-233119/75

Matrix: Water

Analysis Batch: 233119

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.95		mg/L		99	90 - 110
Fluoride	10.0	10.4		mg/L		104	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-233119/76

Matrix: Water

Analysis Batch: 233119

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
Chloride	10.0	9.89		mg/L		99	90 - 110	1	20
Fluoride	10.0	10.3		mg/L		103	90 - 110	0	20
Sulfate	10.0	10.1		mg/L		101	90 - 110	0	20

Lab Sample ID: LLCS 860-233119/9

Matrix: Water

Analysis Batch: 233119

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.614		mg/L		123	50 - 150
Fluoride	0.500	0.445	J	mg/L		89	50 - 150
Sulfate	0.500	0.688		mg/L		138	50 - 150

Lab Sample ID: 880-57601-D-1 MS

Matrix: Water

Analysis Batch: 233119

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10		10.0	20.5		mg/L		105	90 - 110
Fluoride	0.84	F1	10.0	9.89		mg/L		90	90 - 110
Sulfate	1.6		10.0	12.0		mg/L		105	90 - 110

Eurofins Dallas

QC Sample Results

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-57601-D-1 MSD

Matrix: Water

Analysis Batch: 233119

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10		10.0	20.5		mg/L		105	90 - 110	0	15
Fluoride	0.84	F1	10.0	9.71	F1	mg/L		89	90 - 110	2	15
Sulfate	1.6		10.0	12.0		mg/L		105	90 - 110	0	15

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-233174/1-A

Matrix: Water

Analysis Batch: 233875

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 233174

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	ND		0.010	0.0040	mg/L		05/02/25 11:22	05/06/25 14:14	1
Calcium	ND		0.10	0.030	mg/L		05/02/25 11:22	05/06/25 14:14	1

Lab Sample ID: LCS 860-233174/2-A

Matrix: Water

Analysis Batch: 233875

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 233174

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.0919		mg/L		92	80 - 120
Calcium	2.50	2.46		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-233174/3-A

Matrix: Water

Analysis Batch: 233875

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 233174

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.0966		mg/L		97	80 - 120	5	20
Calcium	2.50	2.42		mg/L		97	80 - 120	2	20

Lab Sample ID: 880-57530-Z-3-A MS

Matrix: Water

Analysis Batch: 233875

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 233174

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	40	^+	0.100	37.0	4	mg/L		-2571	75 - 125
Calcium	2000		2.50	1780	4	mg/L		-1006	75 - 125

Lab Sample ID: 880-57530-AA-3-A MSD

Matrix: Water

Analysis Batch: 233875

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 233174

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	40	^+	0.100	42.1	4	mg/L		2555	75 - 125	13	20
Calcium	2000		2.50	1960	4	mg/L		-3025	75 - 125	9	20

Eurofins Dallas

QC Sample Results

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Method: 9040C - pH

Lab Sample ID: 860-99827-H-1 DU
Matrix: Water
Analysis Batch: 234708

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
pH	7.2		7.2		SU		0.7	20
Temperature	12.9		13.9		Degrees C		7	20
Corrosivity	7.2		7.2		SU		0.7	

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

Lab Sample ID: MB 870-28329/1
Matrix: Water
Analysis Batch: 28329

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		2.5	2.5	mg/L			05/06/25 13:57	1

Lab Sample ID: LCS 870-28329/2
Matrix: Water
Analysis Batch: 28329

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	1020		mg/L		102	80 - 120

Lab Sample ID: LCSD 870-28329/3
Matrix: Water
Analysis Batch: 28329

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Total Dissolved Solids	1000	1010		mg/L		101	80 - 120	1	10

Lab Sample ID: 870-35866-1 DU
Matrix: Water
Analysis Batch: 28329

Client Sample ID: BW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	6200		6330		mg/L		2	10

Lab Sample ID: 870-35866-2 DU
Matrix: Water
Analysis Batch: 28329

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	4000		3930		mg/L		2	10

QC Association Summary

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

HPLC/IC

Analysis Batch: 233119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-35866-1	BW-1	Total/NA	Water	9056A	
870-35866-1 - DL	BW-1	Total/NA	Water	9056A	
870-35866-2	MW-1	Total/NA	Water	9056A	
870-35866-2 - DL	MW-1	Total/NA	Water	9056A	
870-35866-3	MW-2	Total/NA	Water	9056A	
870-35866-4	MW-3	Total/NA	Water	9056A	
870-35866-4 - DL	MW-3	Total/NA	Water	9056A	
870-35866-5	MW-4	Total/NA	Water	9056A	
870-35866-5 - DL	MW-4	Total/NA	Water	9056A	
870-35866-6	MW-5	Total/NA	Water	9056A	
870-35866-7	DUP	Total/NA	Water	9056A	
870-35866-7 - DL	DUP	Total/NA	Water	9056A	
MB 860-233119/5	Method Blank	Total/NA	Water	9056A	
MB 860-233119/74	Method Blank	Total/NA	Water	9056A	
LCS 860-233119/75	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-233119/76	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-233119/9	Lab Control Sample	Total/NA	Water	9056A	
880-57601-D-1 MS	Matrix Spike	Total/NA	Water	9056A	
880-57601-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	9056A	

Metals

Prep Batch: 233174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-35866-1	BW-1	Total/NA	Water	3010A	
870-35866-2	MW-1	Total/NA	Water	3010A	
870-35866-3	MW-2	Total/NA	Water	3010A	
870-35866-4	MW-3	Total/NA	Water	3010A	
870-35866-5	MW-4	Total/NA	Water	3010A	
870-35866-6	MW-5	Total/NA	Water	3010A	
870-35866-7	DUP	Total/NA	Water	3010A	
MB 860-233174/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-233174/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-233174/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-57530-Z-3-A MS	Matrix Spike	Total/NA	Water	3010A	
880-57530-AA-3-A MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 233875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-35866-1	BW-1	Total/NA	Water	6020B	233174
870-35866-2	MW-1	Total/NA	Water	6020B	233174
870-35866-3	MW-2	Total/NA	Water	6020B	233174
870-35866-4	MW-3	Total/NA	Water	6020B	233174
870-35866-5	MW-4	Total/NA	Water	6020B	233174
870-35866-6	MW-5	Total/NA	Water	6020B	233174
870-35866-7	DUP	Total/NA	Water	6020B	233174
MB 860-233174/1-A	Method Blank	Total/NA	Water	6020B	233174
LCS 860-233174/2-A	Lab Control Sample	Total/NA	Water	6020B	233174
LCSD 860-233174/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	233174
880-57530-Z-3-A MS	Matrix Spike	Total/NA	Water	6020B	233174
880-57530-AA-3-A MSD	Matrix Spike Duplicate	Total/NA	Water	6020B	233174

Eurofins Dallas

QC Association Summary

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

General Chemistry

Analysis Batch: 28329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-35866-1	BW-1	Total/NA	Water	SM 2540C	
870-35866-2	MW-1	Total/NA	Water	SM 2540C	
870-35866-3	MW-2	Total/NA	Water	SM 2540C	
870-35866-4	MW-3	Total/NA	Water	SM 2540C	
870-35866-5	MW-4	Total/NA	Water	SM 2540C	
870-35866-6	MW-5	Total/NA	Water	SM 2540C	
870-35866-7	DUP	Total/NA	Water	SM 2540C	
MB 870-28329/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-28329/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-28329/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-35866-1 DU	BW-1	Total/NA	Water	SM 2540C	
870-35866-2 DU	MW-1	Total/NA	Water	SM 2540C	

Analysis Batch: 234708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-35866-1	BW-1	Total/NA	Water	9040C	
870-35866-2	MW-1	Total/NA	Water	9040C	
870-35866-3	MW-2	Total/NA	Water	9040C	
870-35866-4	MW-3	Total/NA	Water	9040C	
870-35866-5	MW-4	Total/NA	Water	9040C	
870-35866-6	MW-5	Total/NA	Water	9040C	
870-35866-7	DUP	Total/NA	Water	9040C	
860-99827-H-1 DU	Duplicate	Total/NA	Water	9040C	

Lab Chronicle

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Client Sample ID: BW-1

Lab Sample ID: 870-35866-1

Date Collected: 04/29/25 16:40

Matrix: Water

Date Received: 04/30/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		5			233119	05/02/25 23:04	W1N	EET HOU
Total/NA	Analysis	9056A	DL	50			233119	05/02/25 23:11	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	233174	05/02/25 11:23	PB	EET HOU
Total/NA	Analysis	6020B		20			233875	05/06/25 15:11	DP	EET HOU
Total/NA	Analysis	9040C		1			234708	05/08/25 19:18	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	28329	05/06/25 13:57	CJH	EET DAL

Client Sample ID: MW-1

Lab Sample ID: 870-35866-2

Date Collected: 04/29/25 17:05

Matrix: Water

Date Received: 04/30/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			233119	05/02/25 23:33	W1N	EET HOU
Total/NA	Analysis	9056A	DL	10			233119	05/02/25 23:41	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	233174	05/02/25 11:23	PB	EET HOU
Total/NA	Analysis	6020B		50			233875	05/06/25 14:57	DP	EET HOU
Total/NA	Analysis	9040C		1			234708	05/08/25 19:27	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	28329	05/06/25 13:57	CJH	EET DAL

Client Sample ID: MW-2

Lab Sample ID: 870-35866-3

Date Collected: 04/29/25 17:30

Matrix: Water

Date Received: 04/30/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			233119	05/02/25 23:48	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	233174	05/02/25 11:23	PB	EET HOU
Total/NA	Analysis	6020B		20			233875	05/06/25 15:14	DP	EET HOU
Total/NA	Analysis	9040C		1			234708	05/08/25 19:25	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	28329	05/06/25 13:57	CJH	EET DAL

Client Sample ID: MW-3

Lab Sample ID: 870-35866-4

Date Collected: 04/29/25 15:35

Matrix: Water

Date Received: 04/30/25 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		5			233119	05/03/25 00:03	W1N	EET HOU
Total/NA	Analysis	9056A	DL	50			233119	05/03/25 00:10	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	233174	05/02/25 11:23	PB	EET HOU
Total/NA	Analysis	6020B		20			233875	05/06/25 15:08	DP	EET HOU
Total/NA	Analysis	9040C		1			234708	05/08/25 19:23	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	28329	05/06/25 13:57	CJH	EET DAL

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Lab Chronicle

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Client Sample ID: MW-4

Date Collected: 04/29/25 18:00

Date Received: 04/30/25 15:35

Lab Sample ID: 870-35866-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		5			233119	05/03/25 00:18	W1N	EET HOU
Total/NA	Analysis	9056A	DL	50			233119	05/03/25 00:25	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	233174	05/02/25 11:23	PB	EET HOU
Total/NA	Analysis	6020B		50			233875	05/06/25 15:00	DP	EET HOU
Total/NA	Analysis	9040C		1			234708	05/08/25 19:21	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	28329	05/06/25 13:57	CJH	EET DAL

Client Sample ID: MW-5

Date Collected: 04/29/25 16:10

Date Received: 04/30/25 15:35

Lab Sample ID: 870-35866-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			233119	05/03/25 00:32	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	233174	05/02/25 11:23	PB	EET HOU
Total/NA	Analysis	6020B		20			233875	05/06/25 15:03	DP	EET HOU
Total/NA	Analysis	9040C		1			234708	05/08/25 19:32	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	28329	05/06/25 13:57	CJH	EET DAL

Client Sample ID: DUP

Date Collected: 04/29/25 15:40

Date Received: 04/30/25 15:35

Lab Sample ID: 870-35866-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		5			233119	05/03/25 01:02	W1N	EET HOU
Total/NA	Analysis	9056A	DL	50			233119	05/03/25 01:09	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	233174	05/02/25 11:23	PB	EET HOU
Total/NA	Analysis	6020B		20			233875	05/06/25 15:05	DP	EET HOU
Total/NA	Analysis	9040C		1			234708	05/08/25 19:19	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	28329	05/06/25 13:57	CJH	EET DAL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Laboratory: Eurofins Dallas

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oklahoma	NELAP	TX01468_2310	08-31-25
Texas	NELAP	T104704295	06-30-25

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	07-01-26
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Method Summary

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
9040C	pH	SW846	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

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

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: SCS Engineers
Project/Site: Sandy Creek Groundwater

Job ID: 870-35866-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
870-35866-1	BW-1	Water	04/29/25 16:40	04/30/25 15:35
870-35866-2	MW-1	Water	04/29/25 17:05	04/30/25 15:35
870-35866-3	MW-2	Water	04/29/25 17:30	04/30/25 15:35
870-35866-4	MW-3	Water	04/29/25 15:35	04/30/25 15:35
870-35866-5	MW-4	Water	04/29/25 18:00	04/30/25 15:35
870-35866-6	MW-5	Water	04/29/25 16:10	04/30/25 15:35
870-35866-7	DUP	Water	04/29/25 15:40	04/30/25 15:35

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Ver: 04/02/2014

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 870-35866-1

Login Number: 35866

List Source: Eurofins Dallas

List Number: 1

Creator: Bodnarchuk, Andrew G

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 870-35866-1

Login Number: 35866


List Number: 2

Creator: Torrez, Lisandra

List Source: Eurofins Houston


List Creation: 05/01/25 08:28 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
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	



Appendix C

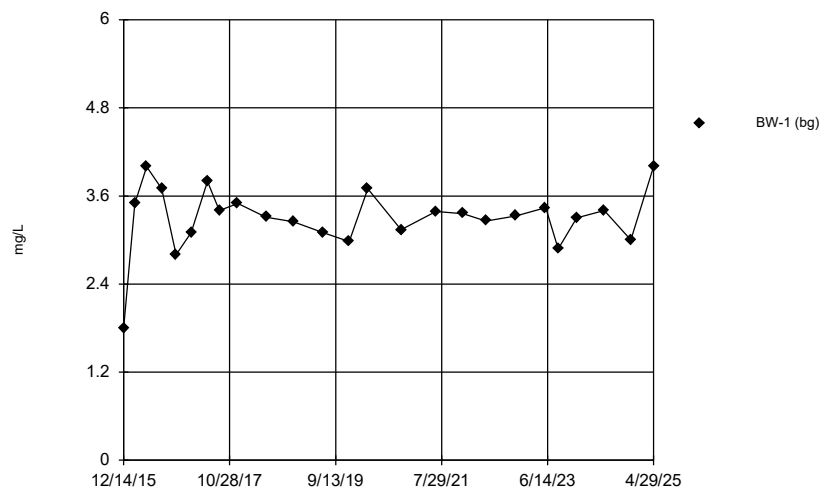
Historical Groundwater Analytical Data



Appendix D

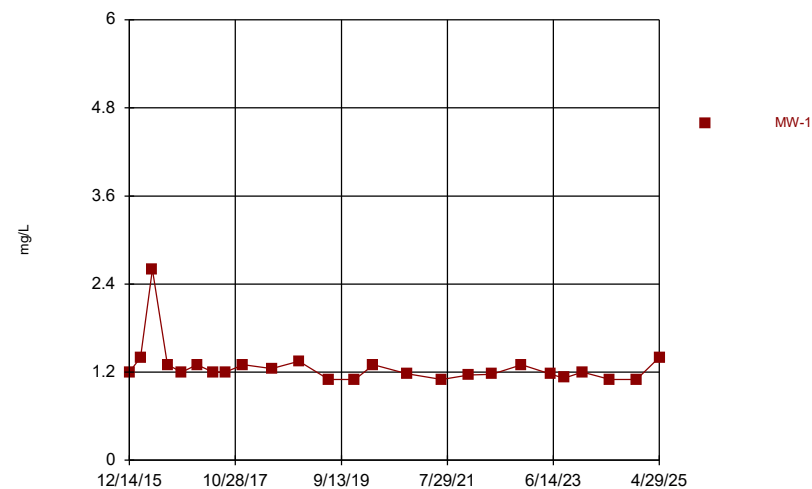
Time Series Graphs

Time Series



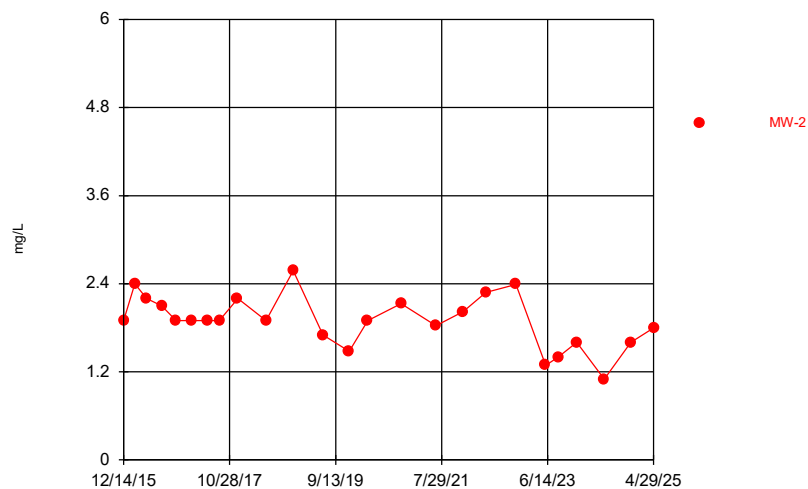
Constituent: Boron Analysis Run 6/12/2025 5:28 PM
Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



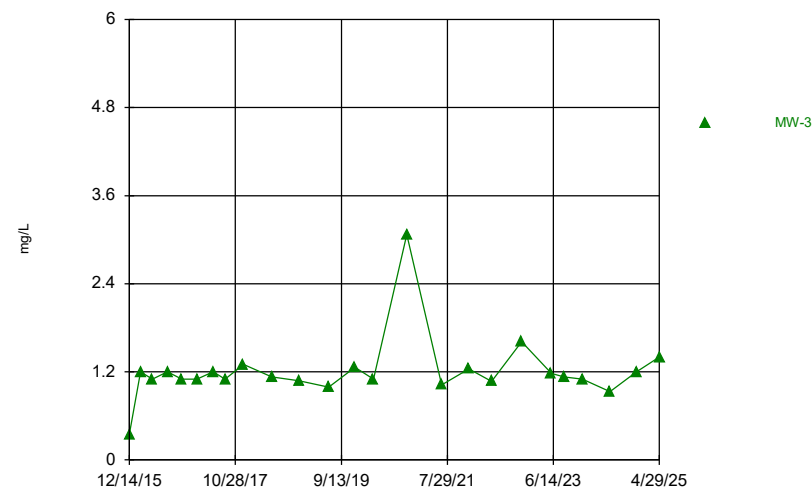
Constituent: Boron Analysis Run 6/12/2025 5:28 PM
Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series

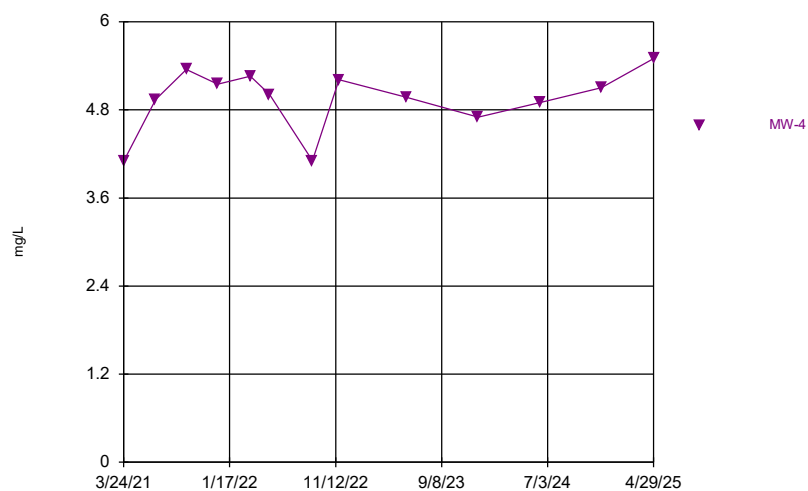


Constituent: Boron Analysis Run 6/12/2025 5:28 PM
Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series

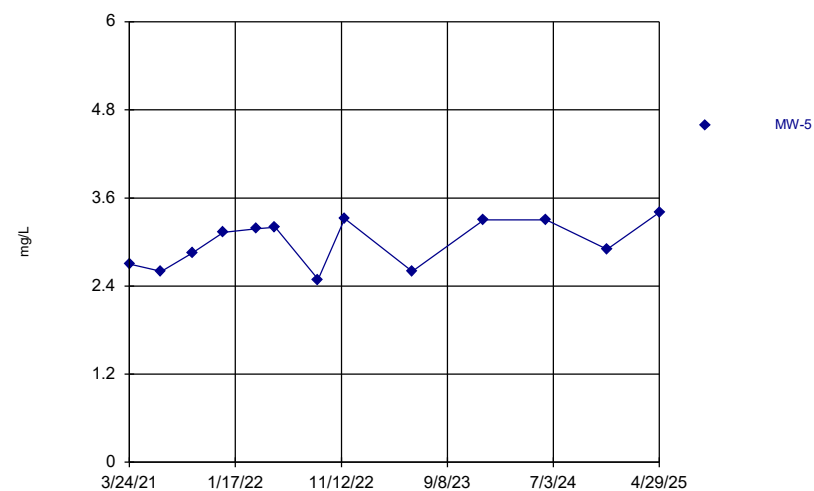


Time Series



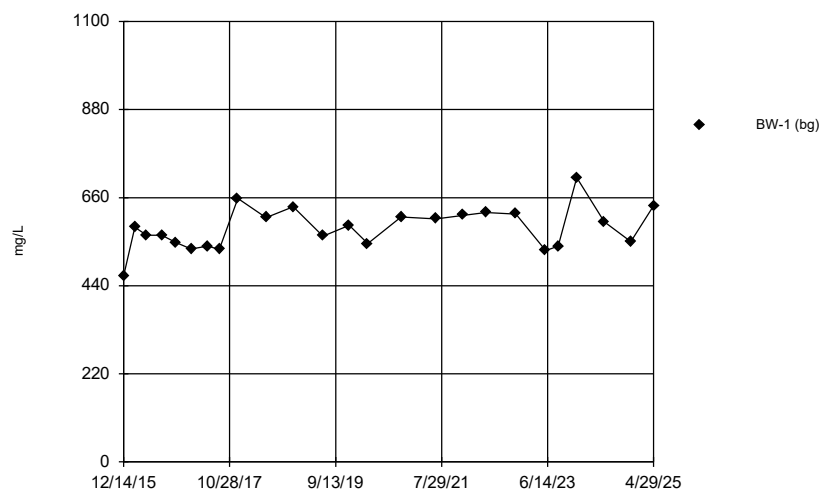
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



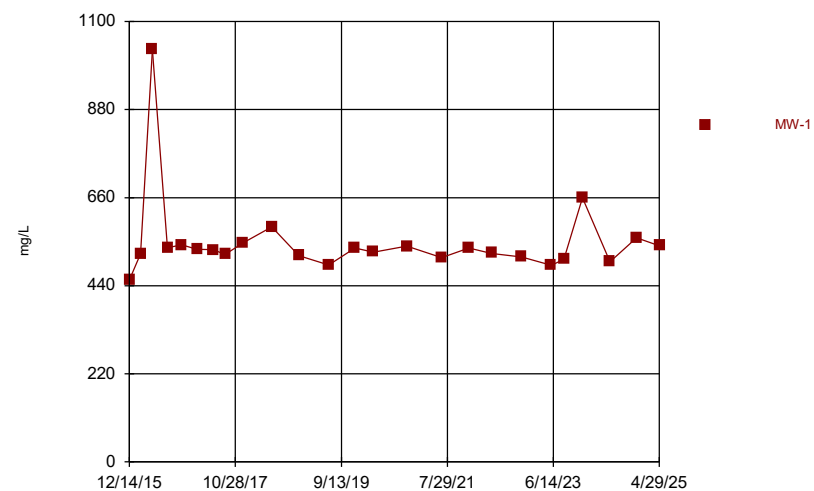
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



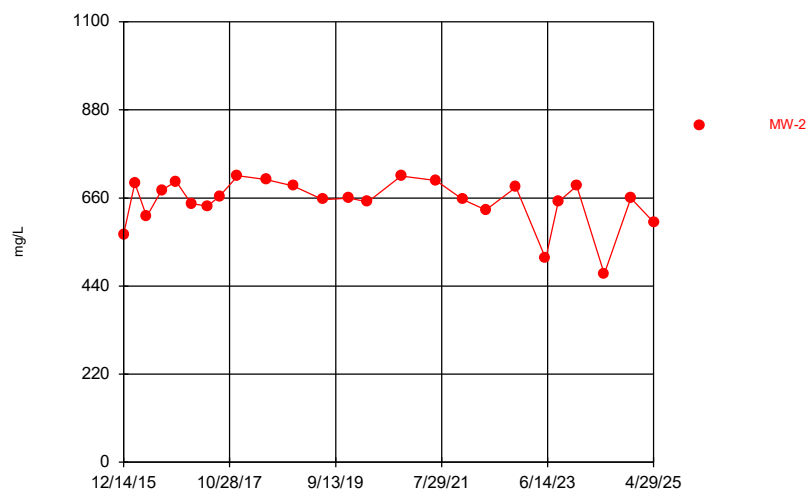
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



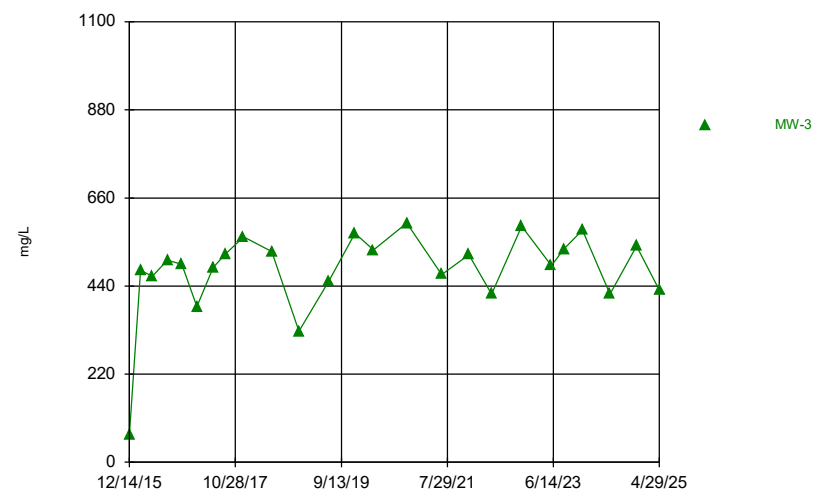
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



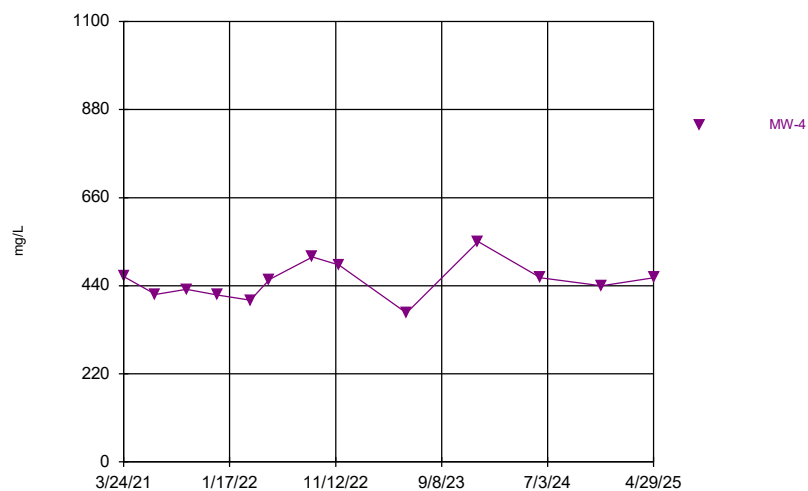
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series

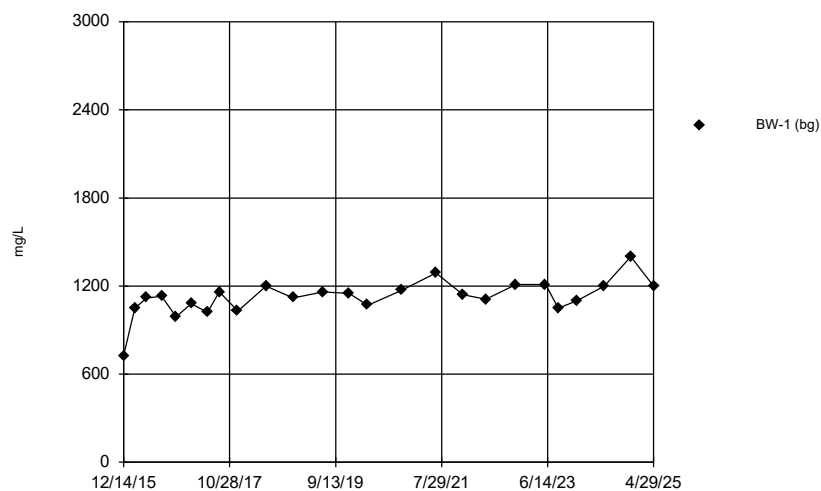


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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series

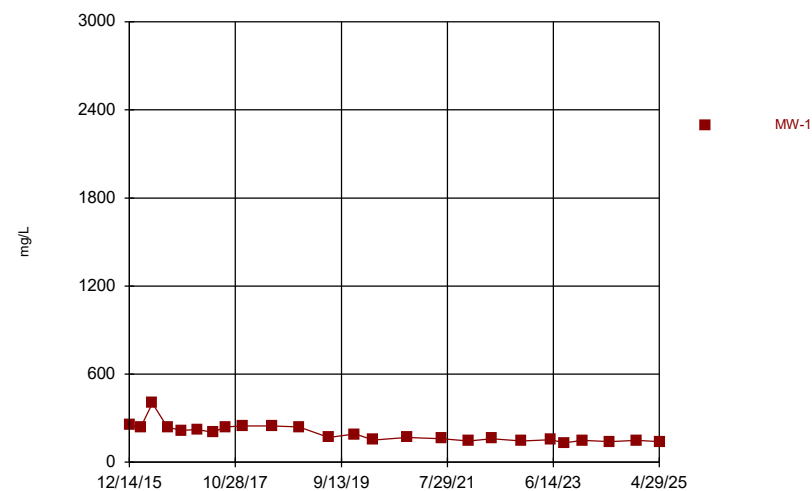


Time Series



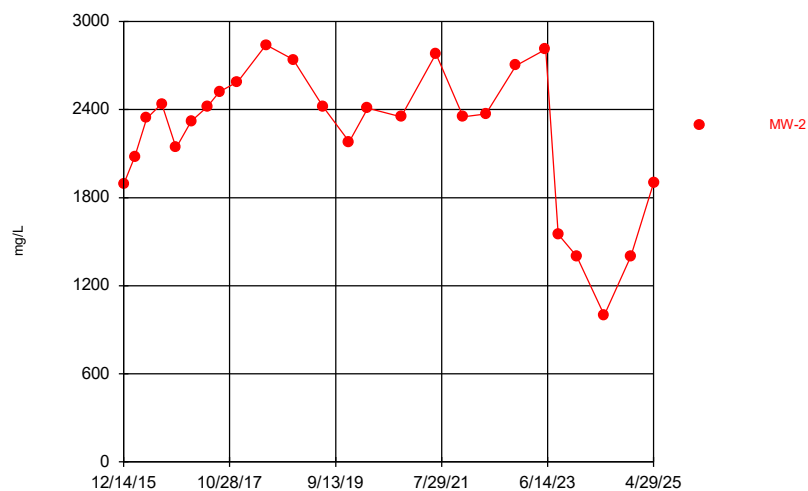
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



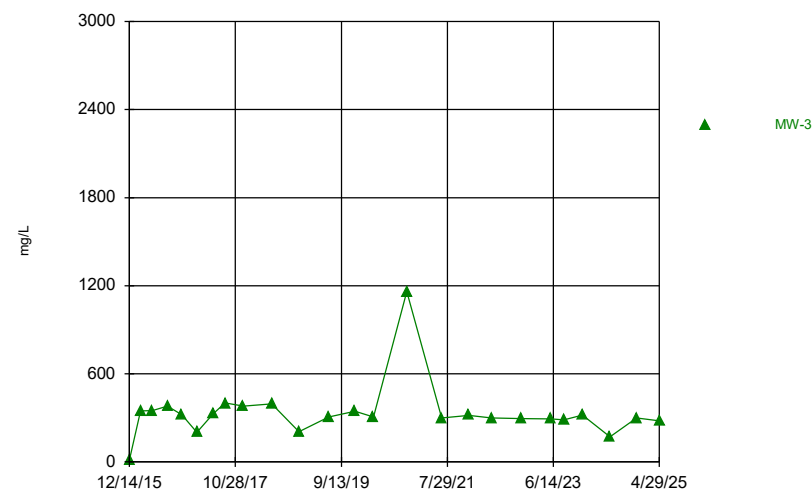
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series

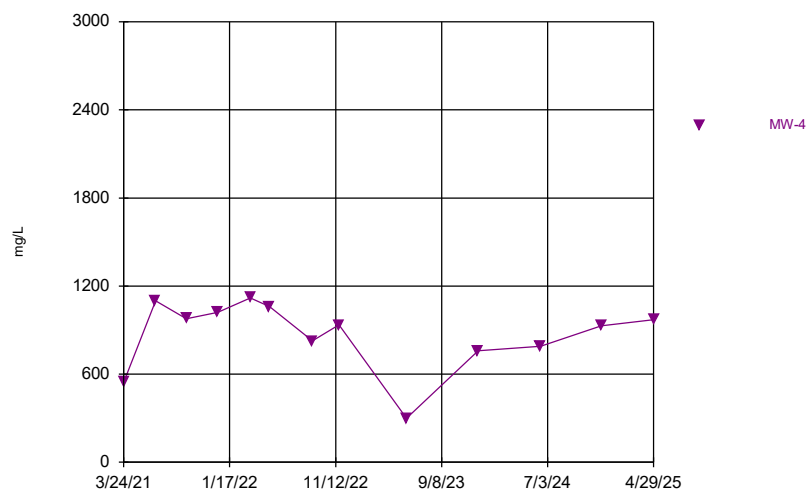


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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series

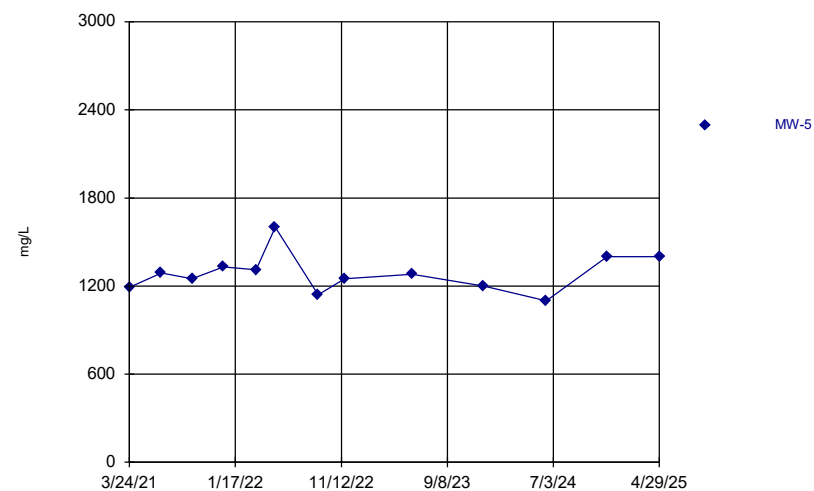


Time Series



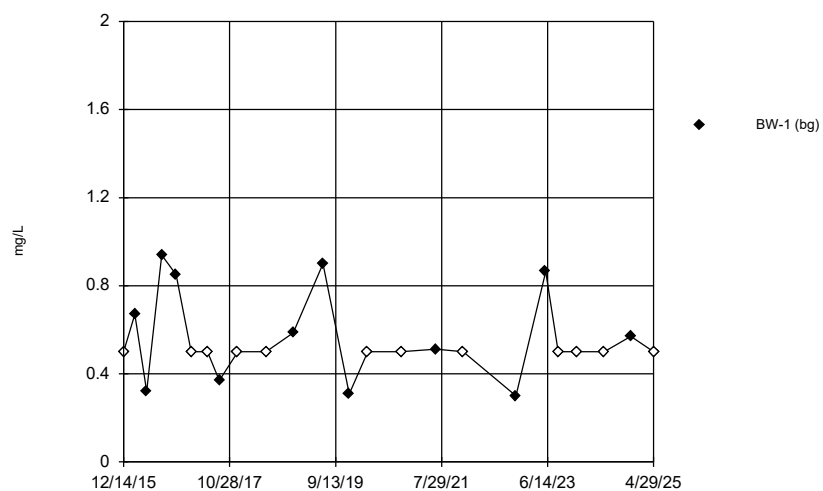
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



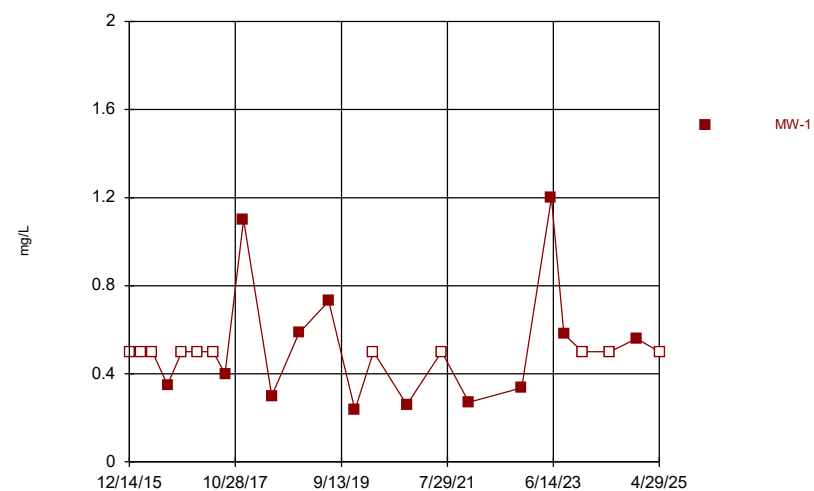
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



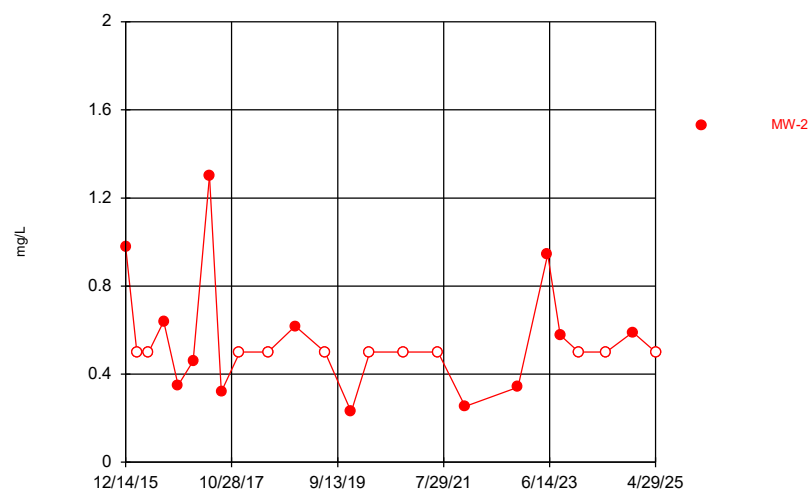
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Time Series



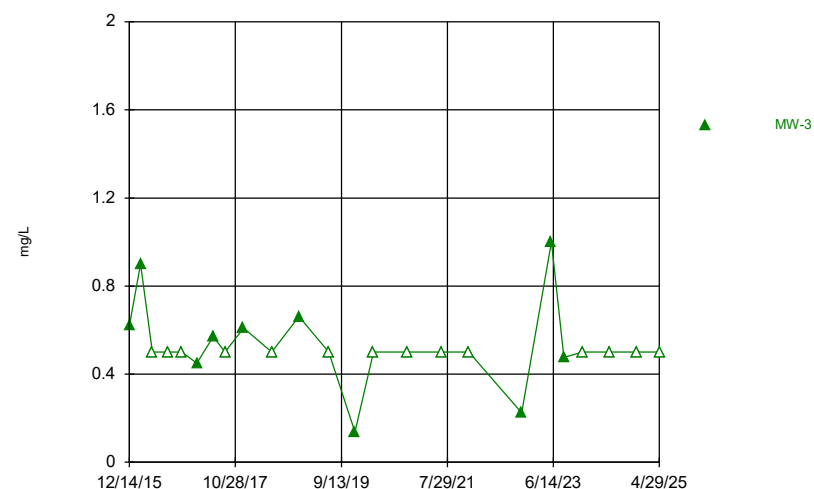
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Time Series



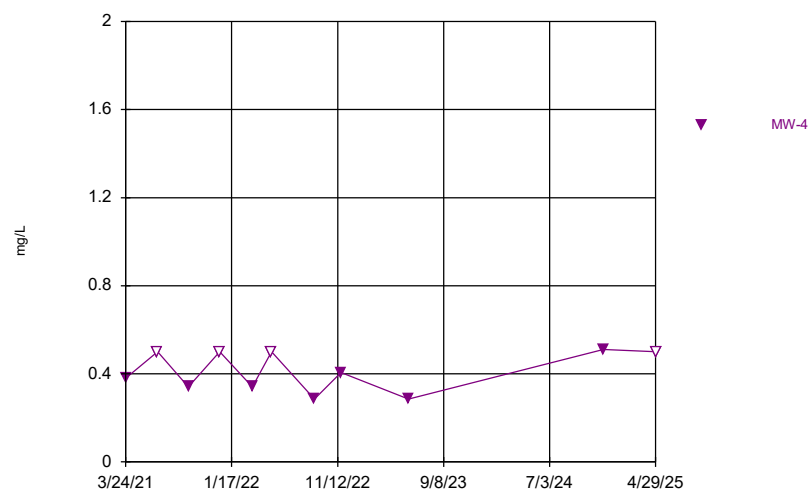
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Time Series



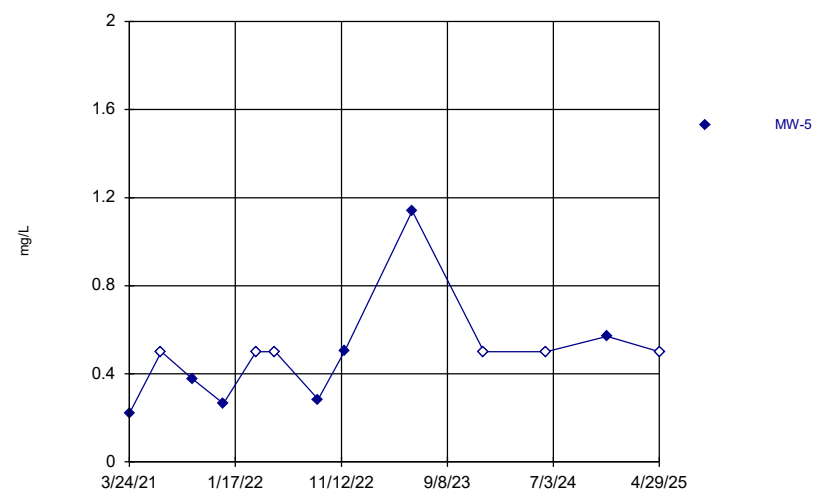
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Time Series



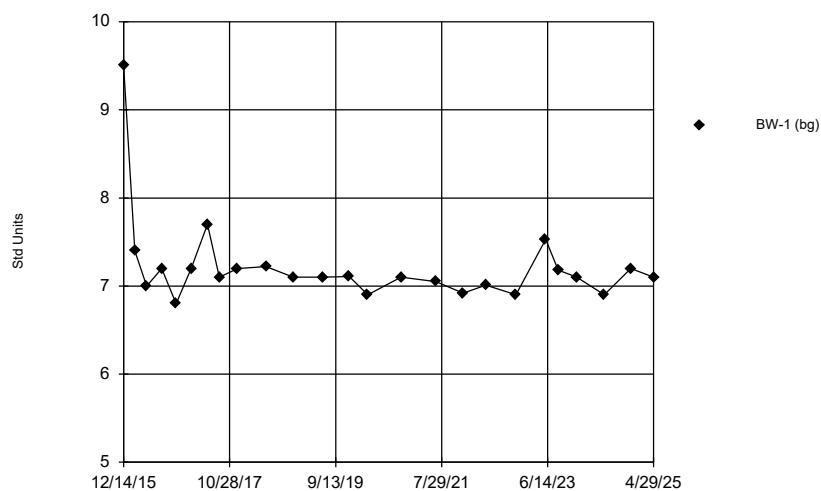
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Time Series



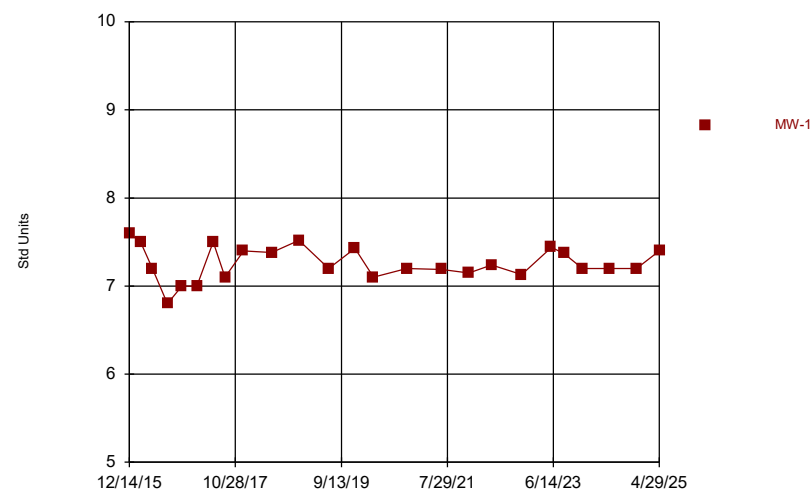
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



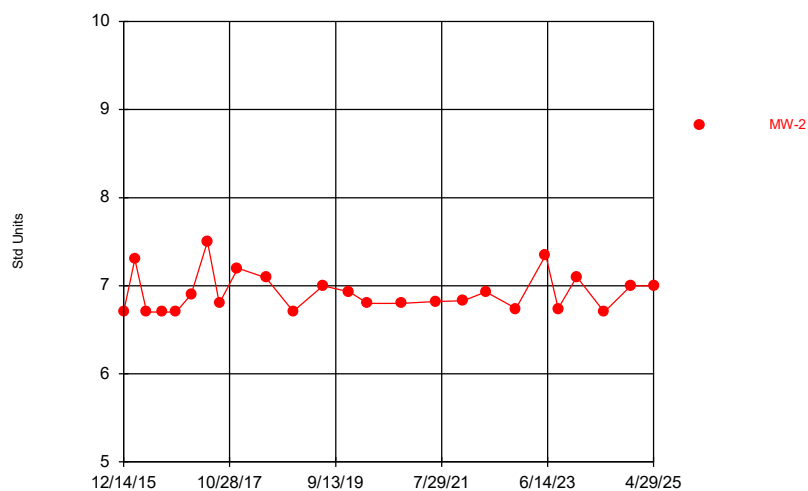
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



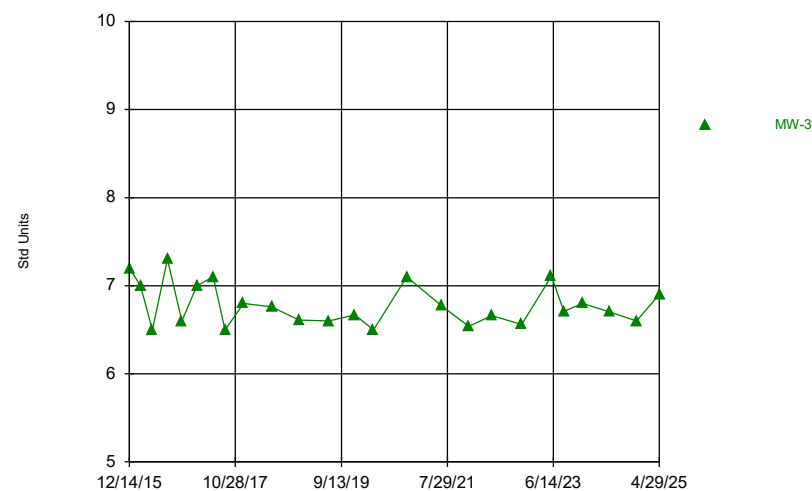
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



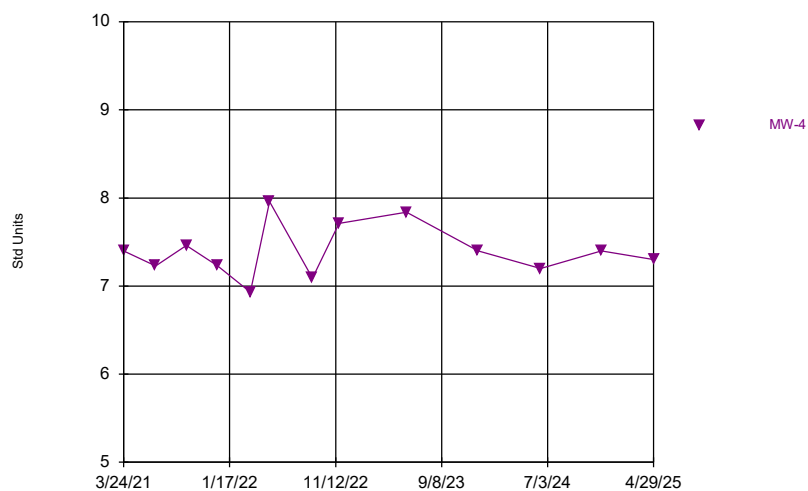
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Time Series



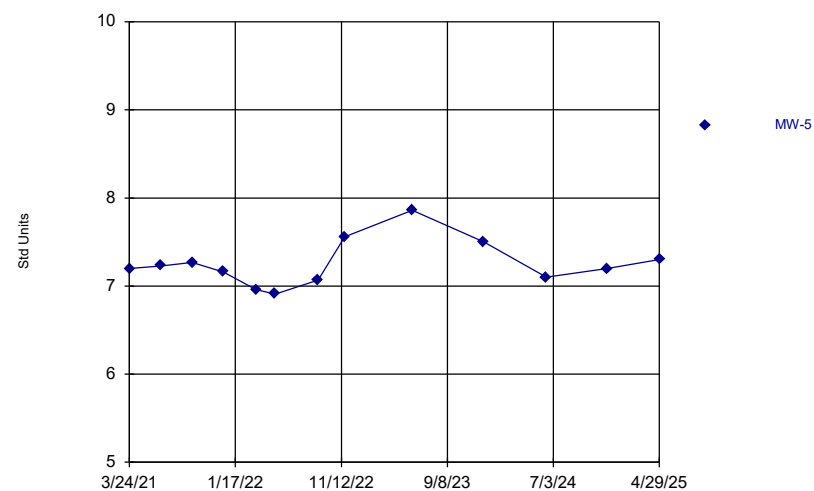
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



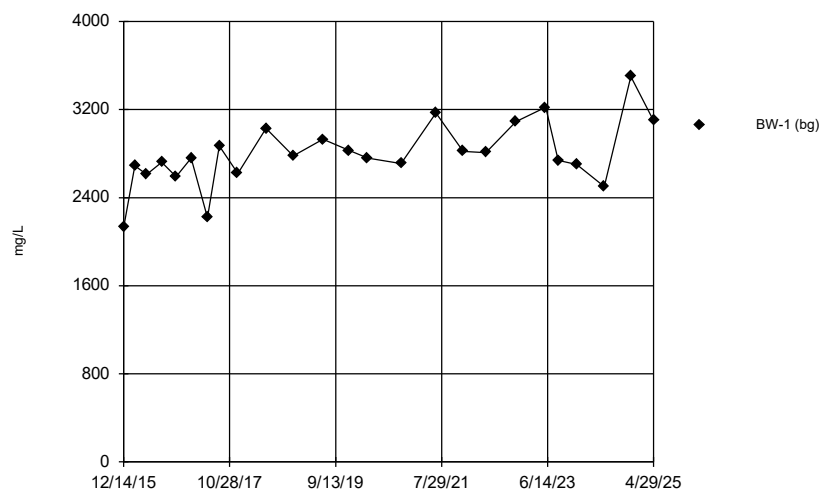
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Time Series



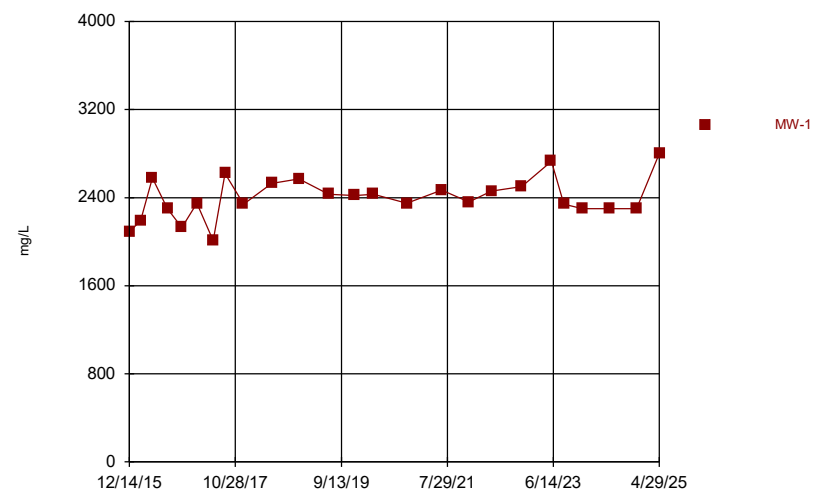
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series

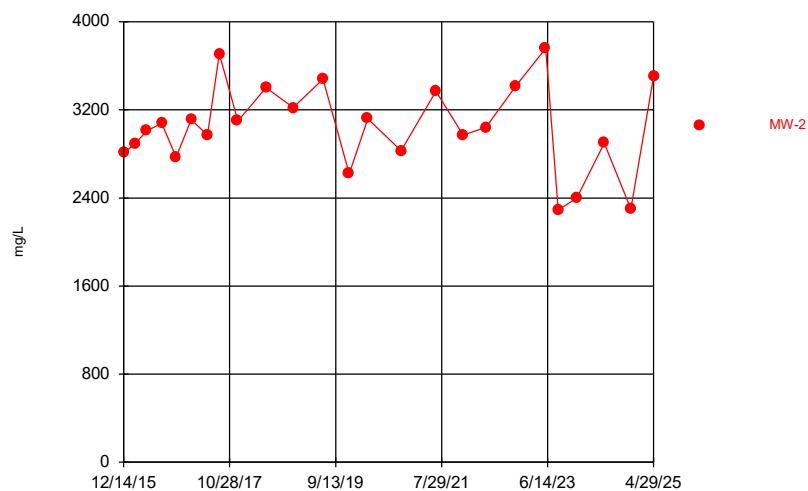


Constituent: Sulfate Analysis Run 6/12/2025 5:28 PM
Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

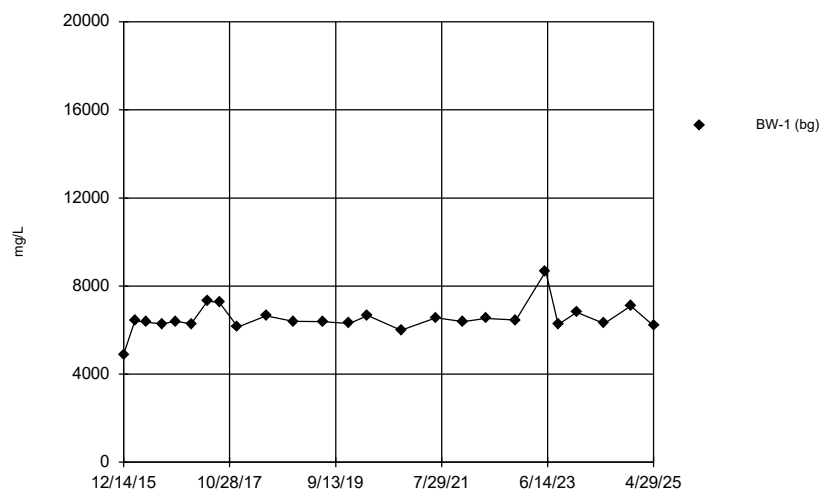
Time Series



Time Series

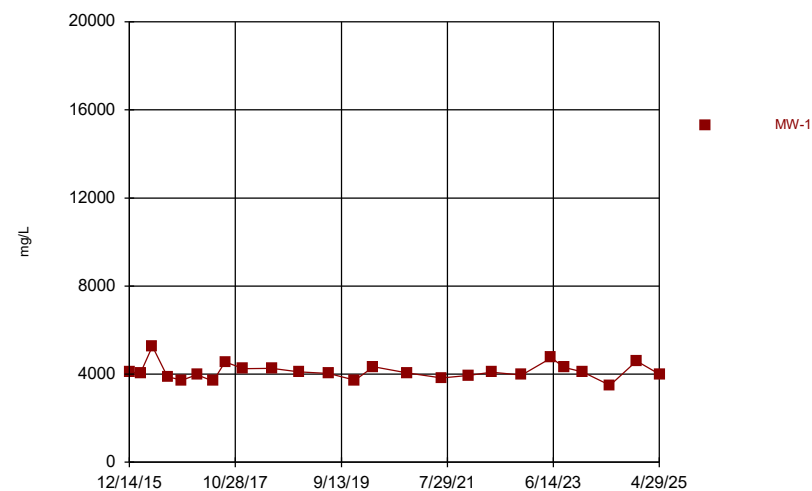


Time Series



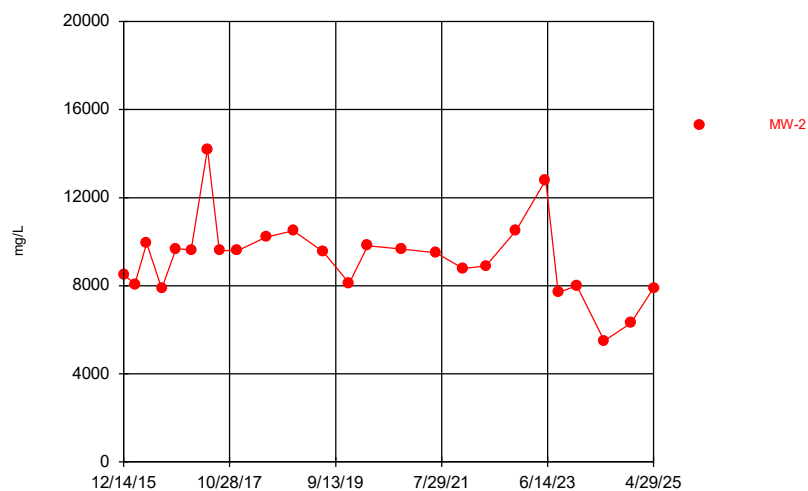
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



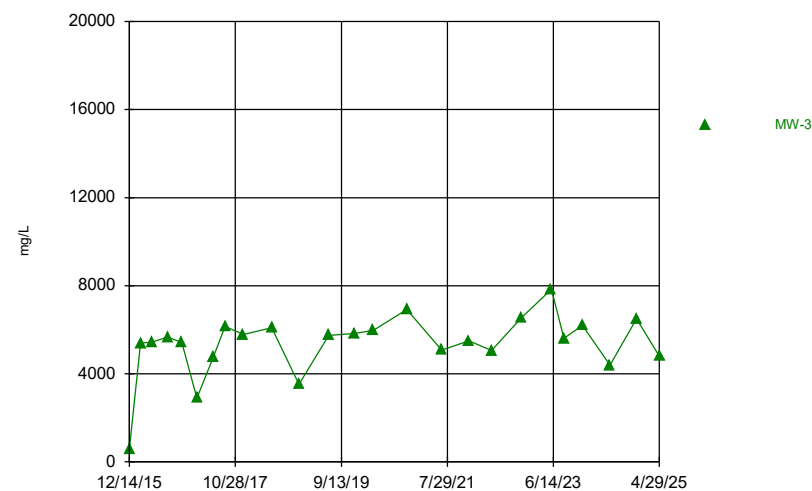
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



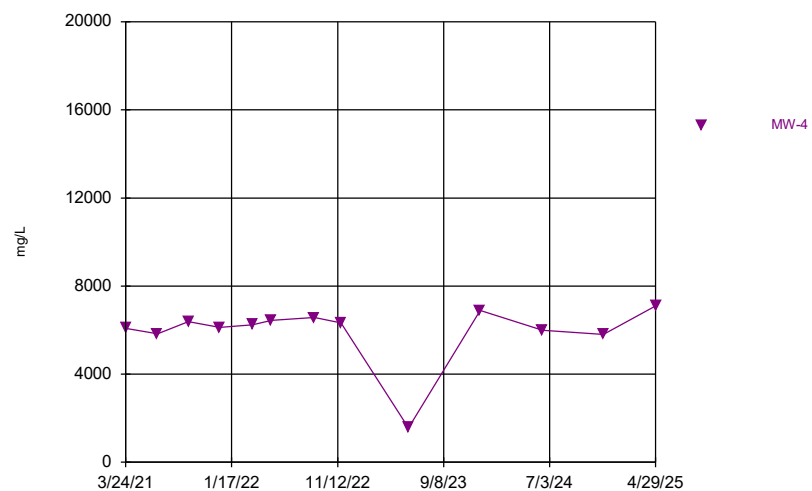
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Time Series



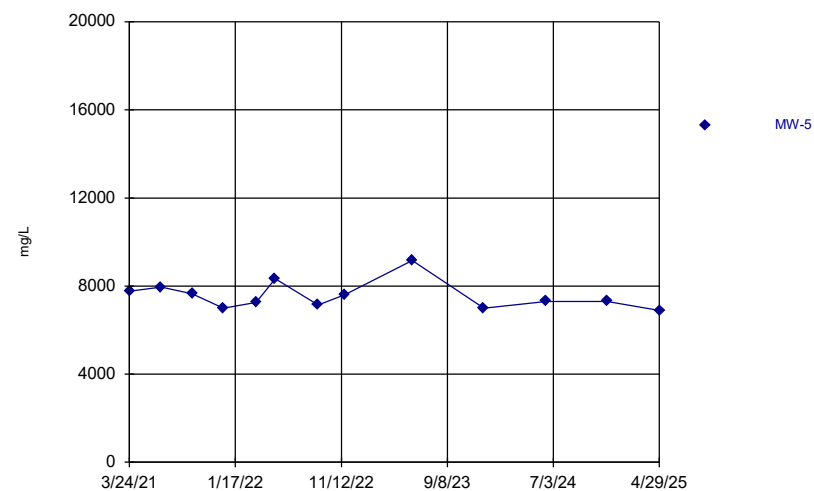
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Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



Constituent: Total Dissolved Solids Analysis Run 6/12/2025 5:28 PM
Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025

Time Series



Constituent: Total Dissolved Solids Analysis Run 6/12/2025 5:28 PM
Sandy Creek Energy Station Client: Sandy Creek Data: Sandy Creek GWdata April 2025