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May 12, 2026

Mr. Brian Rath
Land Quality Bureau
Iowa Department of Natural Resources
6200 Park Ave., Suite 200
Des Moines, IA 50321

**Subject: Stoney Point Closed Landfill
Permit No. 57-SDP-11-90C
2025 Annual Water Quality Report**

Dear Mr. Rath:

On behalf of Interstate Power and Light Company (IPL), Alliant Energy is providing the 2025 Annual Water Quality Report, including sampling conducted under the Groundwater Quality Assessment Plan, for the closed Stoney Point located in Cedar Rapids, Iowa.

Please call me at (515) 558-9704 or email me at jennycoughlin@alliantenergy.com with any questions regarding the enclosed responses.

Sincerely,

A handwritten signature in black ink, appearing to read "Jenny Coughlin", written over a light gray rectangular background.

Jenny Coughlin
Sr. Environmental Specialist
Alliant Energy Corporate Services, Inc.

Enclosure

Cc: SCS Engineers

2025 Annual Water Quality Report

Interstate Power and Light Company
Stoney Point Closed Landfill
Permit #57-SDP-11-90C

Interstate Power and Light, Alliant Energy Company
1200 First Street SE
Cedar Rapids, Iowa 52401

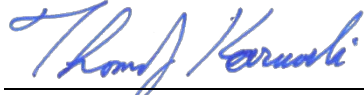
SCS ENGINEERS

25225065.00 | May 12, 2026

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CERTIFICATION

I, Thomas J. Karwoski, hereby certify that this report was prepared by me, or under my direct supervision, and that I am a qualified ground water scientist as defined in Iowa Administrative Code (IAC) 567-113.10(1)d.



Signature

May 12, 2026

Date

Pages or Sheets Covered by this Certification:

2025 Annual Water Quality Report – May 2026, Interstate Power and Light Company, Stoney Point Closed Landfill

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EXECUTIVE SUMMARY

Period of Report Coverage

The period of coverage for this report is from November 2024 through October 2025. The report includes the April 2025 water level measurement event and the September 2025 groundwater sampling event conducted at the Interstate Power and Light Company Stoney Point Closed Landfill (Site). The Site is a coal combustion residual (CCR) landfill located near Cedar Rapids, Iowa (**Figure 1**).

Report Priority

Compared to results since the sampling program was changed to unfiltered metals samples in 2016, there were no new groundwater protection standard (GWPS) exceedances in 2025. GWPS exceedances in 2025 were:

- Shallow Hydrogeologic Unit:
 - Arsenic: MW-12, MW-21
 - Boron: MW-15, MW-16
 - Lithium: MW-15, MW-16
 - Manganese: MW-12
 - Molybdenum: MW-16

- Deep Hydrogeologic Unit:
 - Boron: MW-10, MW-11, MW-13, MW-18
 - Lithium: MW-10, MW-11, MW-13, MW-17, MW-18, MW-23
 - Manganese: MW-24
 - Molybdenum: MW-10, MW-11, MW-13, MW-18

The September 2025 sampling event was the third time samples were tested for lithium and molybdenum at the Site, so Upper Prediction Limits (UPLs) cannot yet be calculated for these parameters and results cannot be compared to historical data prior to 2024.

Comparison of the 2025 monitoring results to background UPLs indicated approximately the same number of Statistically Significant Increases (SSIs) as in 2024, but with some differences in the wells and constituents for which SSIs were identified.

The parameters most commonly detected above the UPLs were parameters without health-based standards, including chloride, iron, magnesium, and sulfate. Metals with health-based standards were also detected above background concentrations in some wells, but the SSIs were not as widespread. Metals with an SSI for at least one monitoring well in 2025 included arsenic, barium, boron, iron, lead, magnesium, and manganese.

Calcium, fluoride, lithium, molybdenum, Total Dissolved Solids (TDS), and Total Suspended Solids (TSS) were added to the monitoring program in 2023. Calcium, lithium, and molybdenum were all detected at multiple wells in September 2025. There is no applicable GWPS for calcium. Lithium and molybdenum concentrations are discussed above. Fluoride was detected at two wells, at a concentration at or below the method reporting limit.

Groundwater samples collected in 2025 were unfiltered, in accordance with the variance to 567-103.1(2)f granted in a December 23, 2016 permit amendment. The 2025 sampling event was the 10th round of unfiltered samples collected at the Site, and 2025 was the 7th reporting period for which the new statistical approach was applied at the Site.

SCS Engineers (SCS) recommends that the current monitoring program be continued during 2026, with the continuation of additions to the analytical parameter list as described in **Section 8.0**.

As discussed in the Response to Iowa Department of Natural Resources (IDNR) Comments on 2023 Annual Water Quality Report submitted to IDNR on September 20, 2024, a Groundwater Quality Assessment Plan was submitted on April 30, 2025.

Geochemical parameters were added to the analyte list for the 2025 sampling event. The geochemical data was evaluated along with concentrations of boron, magnesium, sulfate, and specific conductance in and around monitoring well MW-16. The evaluations indicated the following:

- The boron, magnesium, sulfate, and specific conductance concentrations measured in monitoring well MW-16 during this reporting period were the lowest in the period of record used for monitoring well MW-16.
- The apparent water quality changes on the north side of the Landfill but south of the stream appear to be related to the Landfill.
- Water quality to the west and southwest of the Landfill that was questioned in the 2005 Groundwater Quality Assessment Report as potentially influenced by the Landfill, appear to be generally consistent with background, and, therefore, not exhibiting a notable influence from the Landfill.

Overall it appears that water quality is stable to improving at the Landfill, particularly as noted in monitoring well MW-16.

Site Status and Applicable Rules

The following summarizes the Site status and applicable rules associated with groundwater sampling at the Stoney Point CCR Landfill:

- **Landfill Status:** Closed
- **Types of Wastes Accepted:** CCR
- **Applicable IAC Rules:** 567-103 current version, certain provisions of 567-115.26(6), and 567-115.21 (referenced for monitoring well maintenance and evaluation requirements, in place of the rescinded 567-110.9)

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ACRONYMS/ABBREVIATIONS

AWQR = Annual Water Quality Report
CCR = Coal Combustion Residual
COC = Chain of Custody
DO = Dissolved Oxygen
GWPS = Groundwater Protection Standard
IDNR = Iowa Department of Natural Resources
LCS = Laboratory Control Sample
mg/L = milligrams per liter
MS = Matrix Spike
MSD = Matrix Spike Duplicate
MCL = EPA Maximum Contaminant Level
ORP = Oxidation-Reduction Potential
QA/QC = Quality Assurance/Quality Control
RCRA = Resource Conservation and Recovery Act
SCS = SCS Engineers
Site = Interstate Power and Light Company Stoney Point Closed Landfill
SMCLs = Secondary Maximum Contaminant Levels
SWS = IDNR Statewide Standard for a protected groundwater source
SSI = Statistically Significant Increase above background
TDS = Total Dissolved Solids
TSS = Total Suspended Solids
UPLs = Upper Prediction Limits
U.S. EPA = U.S. Environmental Protection Agency
Unified Guidance = U.S. EPA Unified Guidance for Statistical Analysis of Groundwater Monitoring Data at Resource Conservation and Recovery Act Facilities

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1.0 SITE BACKGROUND

1.1 SITE HISTORY

The Stoney Point Landfill is a closed coal combustion residuals (CCR) landfill located near Cedar Rapids, Iowa (**Figure 1**). The Stoney Point Landfill stopped accepting CCR in 1986, and placement of the final cover occurred in 1992. A site plan is shown on **Figure 2**. Facility Inspection Reports for April and September 2025 are included in **Appendix A**. In April and September 2025, fencing and landfill cover areas were noted as being in good condition. Some woody vegetation noted near MW-19 in April 2025 was not observed during the September 2025 inspection. An area of channelized erosion was observed to the north of MW-19, outside the landfill cap. Repair of this area is being coordinated and will be summarized in the next AWQR.

1.2 GEOLOGY

A detailed description of the regional and local geology is provided in the November 2005 Water Quality Assessment Report (Document ID #60409) prepared by RMT, Inc. (RMT, Inc., 2005). A summary of the Site geology, as described in the 2005 report, is presented here.

The unconsolidated geology at the Site generally consists of glacial till and alluvium (silty, sandy lean clay with variable amounts of gravel). The unconsolidated material is thin (approximately 2 feet) at the southern end of the Site and thicker (approximately 60 feet) at the northern end of the Site. Approximately 7 feet of clay and clayey sand till underlies the surficial till at the northern end of the Site. An east-west trending bedrock high is present near the southern end of the Site, between monitoring wells MW-2A and MW-3.

The uppermost bedrock at the Site is Devonian limestone and dolomite, consisting of the Solon Member of the Little Cedar Formation and the Spring Grove Member of the Pinicon Ridge Formation. These two units are part of the Devonian aquifer at the Site. The Devonian aquifer is separated from the underlying Silurian aquifer by the Kenwood Member of the Pinicon Ridge Formation and the Otis Formation, which consist of shaley limestone and fine-grained dense limestone, and are considered to be local confining units.

Regionally, groundwater chemistry is similar in the Silurian and Devonian aquifers. Near Cedar Rapids, sulfate concentrations in these aquifers are generally below 50 milligrams per liter (mg/L) but range from 10 mg/L to 200 mg/L. Iron concentrations are generally high, and the groundwater generally has “objectionable sulfur” concentrations (Wahl and Bunker, 1986).

1.3 HYDROGEOLOGY/GROUNDWATER FLOW CONDITIONS

Groundwater, surface water, and leachate levels were measured during April and September 2025. The groundwater levels during the September event were measured prior to purging the wells for sampling. The groundwater and surface water elevation data are presented in **Table 4A**. Vertical gradients calculated for well pairs at the monitoring well nests are summarized in **Table 4B**. The 2025 water level data were used to create water table and potentiometric surface maps from the shallow water table wells and intermediate and deep piezometers. Three sets of maps were created for each of the two measurement events (**Figures 3 through 8**).

Flow directions were generally consistent with historical data. Shallow groundwater flow is generally to the north across the Site. In 2025, shallow groundwater flow at the Site was toward the intermittent creek that runs east-west across the Site. Groundwater flow within the intermediate-

deep unit is also toward the intermittent creek. Groundwater flow within the deep hydrogeologic unit is generally to the south on the southern part of the Site and to the north or northeast on the northern part of the Site. The southerly flow on the southern portion of the Site may be attributable to dewatering activities at the nearby quarry.

Vertical groundwater flow at the Site in 2025 was generally consistent with historical data.

2.0 SAMPLING STATUS SUMMARY

The Iowa Department of Natural Resources (IDNR) has requested that sampling data be summarized in a series of tables to consistently convey information related to groundwater monitoring at CCR landfills throughout Iowa. These tables are discussed within the text in appropriate sections as noted and included in the Tables section at the end of the text. **Table 1** provides an overview of the sampling status for the Site, including the monitoring points in the program, current monitoring program, comparative statistics findings, and the number of samples collected. **Figure 2** summarizes the monitoring network for Stoney Point.

Field sheets from the September 2025 sampling event are included in **Appendix B**. Sampling completed in 2018 through 2025, and anticipated sampling for 2026, are summarized in **Table 2**. The laboratory analytical report for the September 2025 sampling event is included in **Appendix C**. Groundwater chemistry summary tables for historic data collected before 2019 are included in **Appendix D**. Groundwater chemistry tables for all data collected since the transition to unfiltered sampling in 2016 are included in the statistical analysis in **Appendix E**.

The 2025 sampling event was the third year in which parameters calcium, fluoride, lithium, molybdenum, total dissolved solids (TDS), and total suspended solids (TSS) were reported for all monitoring wells, surface water monitoring points, and leachate sampling points in the Annual Water Quality Report (AWQR), as requested by IDNR. Because of the low number of samples for the parameters listed above, upper prediction limits (UPLs) cannot be calculated at this time. UPL calculations for these parameters will be included in the report when a minimum of four samples have been collected at background wells.

Additionally, field parameters dissolved oxygen (DO) and oxidation-reduction potential (ORP) are included in the tables of this AWQR for the second time for evaluation of the potential influences on groundwater chemistry due to reducing groundwater conditions. DO and ORP are required parameters for stability during low-flow sampling and have been included in previous AWQR's on field sheets.

Monitoring well MW-27 did not recover sufficiently for sample collection after purging during the September 2025 monitoring event.

3.0 MONITORING WELL MAINTENANCE AND PERFORMANCE SUMMARY

Iowa Administrative Code (IAC) 567-115.21 was referenced for monitoring well maintenance and evaluation, in place of the rescinded 567-110.9. Each requirement is listed below in italics, followed by text describing how the requirement was addressed.

- a. *A biennial examination of high and low water levels accompanied by a discussion of the acceptability of well location (vertically and horizontally) and exposure of the screened interval to the atmosphere.*

Water levels are measured twice annually, in April and September. The screens at several shallow monitoring wells were submerged during both events in 2025. This is consistent with historical conditions. Monitoring well MW-20 was not sampled in September 2025 because the well did not have a sufficient amount of water for sample collection. Monitoring well MW-27 was not sampled in September 2025 because the water level in the well did not recover sufficiently during the sampling event. Groundwater conditions at the Site in 2025 were consistent with historical conditions, and the horizontal and vertical well locations remain acceptable.

- b. *A biennial evaluation of water level conditions in the monitoring wells to ensure that the effects of waste disposal or well operation have not resulted in changes in the hydrologic setting and resultant flow paths.*

An evaluation of groundwater flow conditions in 2025 is included in **Section 1.3**.

- c. *Annual measurement of well depths to ensure that wells are physically intact and not filling with sediment.*

Measured well depths are summarized in **Table 4A**. The difference between the previously recorded total depths and the 2025 measurements were less than 1 foot in all wells except those noted below.

MW-1 is monitored for groundwater elevation only, and total depth measurements indicate that approximately 2/3 of the well screen is open. It does not appear siltation is affecting the ability of this monitoring well to produce representative groundwater elevation data.

Measured total depths of several monitoring wells were 1 or more feet different from as-built total depths when measured in either April or September 2025; however, most were within 1 foot of the recorded as-built total depth during one 2025 event, indicating that measurement imprecision is likely the cause of the greater difference during one event. Total depths are measured with a flexible water level tape and it can be difficult to obtain precise total depth readings, particularly in deeper wells.

Both total well depths measured at MW-17 in 2025 were more than 1 foot less than the as-built total depth. Total depths at MW-17 will be reevaluated in 2026 to assess whether these measurements might indicate an issue with the well. The total depth measurements at MW-17 in 2025 are consistent with measurements in 2024 and are more than 1 foot less than the recorded as-built total depth; however, the measured total depths indicate that at least 80 percent of the screen is open and siltation is not affecting the ability of the well to produce representative samples. In April 2025 leachate monitoring point LW-02 was measured at approximately 7 feet shallower than the constructed well depth. The September measured depth confirmed it was likely a transcription or field measurement error as the September recorded measurement was within 0.40 feet of the constructed well depth.

- d. *Every five years conduct in-situ permeability tests on monitoring wells to compare test data with those collected originally to determine if well deterioration is occurring.*

A variance to IAC 567-110.9(2)(d) for in-situ permeability tests every 5 years was granted by IDNR in a letter dated May 4, 1999 (Document ID #52813). Although IAC 567-110 has been rescinded since the variance was granted, the same permeability test requirements are now in IAC 567-115.21(2), and our understanding is that the conditions of the variance still apply. The conditions of the variance state that, if a well cannot be sampled or purged because of plugging, the well will be replaced within 6 months of reporting this condition to IDNR in the annual report. The monitoring wells at this Site are performing adequately as noted above.

Table 3 provides the years in which each requirement was last met and for which it is next scheduled.

3.1 COMPLETED WELL MAINTENANCE ACTIVITIES AND NETWORK CHANGES

Monitoring well MW-20 could not be sampled despite multiple attempts in 2021-2022 because the well did not recover sufficiently after purging for sample collection. A letter submitted to IDNR on September 12, 2022, included a recommendation that an attempt be made to sample MW-20 only if at least 5 feet of water are present in the well during a scheduled sampling event. IDNR concurred with this recommendation in an email dated October 21, 2022. An attempt was made to sample MW-20 in September 2025, but the well did not recover enough after purging.

3.2 WELL MAINTENANCE RECOMMENDATIONS

Damage to the protective cover at MW-16 was observed during the September 2025 monitoring event, apparently due to an impact from mowing equipment. The damage did not prevent sample collection. IPL reported the damage to IDNR via email on October 13, 2025, and proposed repair measures. IDNR responded via email on October 14, 2025, and concurred with the repair proposal. A local drilling contractor has recommended not attempting the repair with frozen ground conditions, and the work could not be scheduled prior to winter. MW-16 will be repaired in spring 2026 and documentation of the repair will be submitted under separate cover.

No other well maintenance or repairs are recommended at this time.

4.0 QUALITY ASSURANCE/QUALITY CONTROL SUMMARY

Data validation quality assurance/quality control (QA/QC) procedures are performed on analytical results for laboratory QC samples, and a QA assessment of the data is conducted as the data are generated. The QA/QC review procedure provides documentation of the accuracy and precision of the analytical data and confirms that the analyses are sufficiently sensitive to detect constituents at levels below regulatory standards, where such standards exist. QA/QC data validation includes review of sample handling, analytical sensitivity, blanks, accuracy, and precision. An explanation of the laboratory QA/QC and data validation procedures, along with the review findings, are described in more detail below.

4.1 SAMPLE COLLECTION AND HANDLING

Groundwater samples are collected using dedicated tubing and either a non-dedicated, low-flow bladder pump or a dedicated low-flow bladder pump. For wells sampled with non-dedicated pumps, a new bladder is used at each well. Samples are not field filtered. The sampling pump and water level

measurement tape are decontaminated between wells. All samples are placed on ice after collection and are transported to the laboratory in sealed coolers under Chain of Custody (COC).

Sample receipt forms were reviewed and checked to verify that samples were received in good condition and within the acceptable temperature range. COC records for each sampling event were reviewed and confirmed that information was complete, custody was not breached, and samples were analyzed within the acceptable holding times.

4.2 ANALYTICAL SENSITIVITY AND BLANKS

Laboratory QA/QC procedures and post-analysis data validation assist in producing data of acceptable quality and reliability. Eurofins - Cedar Falls is a certified laboratory in Iowa and performed QA/QC procedures, including analyzing laboratory method blanks in association with samples collected for the project to check for contributions to the analytical results possibly attributable to laboratory-based contamination.

A field blank was submitted with each set of groundwater samples to assess whether cross-contamination occurred during sample handling and transport. Boron was detected in the September 2025 field blank at a concentration above the method reporting limit. No other detections in the field blank or method blanks were noted in the September 2025 lab report.

4.3 ACCURACY

Laboratory analytical accuracy can be assessed by evaluating the constituent recoveries from the following laboratory QA/QC samples: laboratory control sample (LCS) and matrix spike/matrix spike duplicate (MS/MSD). LCS samples assess the accuracy of analytical procedures by checking the ability to recover constituents added to clean aqueous matrices. MS/MSD samples assess the accuracy of analytical procedures by checking the ability to recover constituents added to submitted samples. LCS and MS/MSD results reported in the 2025 analytical laboratory reports were within applicable control limits.

4.4 DATA QUALITY SUMMARY

Based on the above QA/QC procedures and the field sampling standard operating procedures, the samples collected during this reporting period are considered to be representative of Site conditions at the locations and times they were obtained. Based on the QA/QC review, no samples were rejected as unusable due to QC failures.

5.0 COMPARISON TO STANDARDS

5.1 STATISTICAL ANALYSIS

Historically, a statistical analysis was completed for the Site on an annual basis. Following the eighth sampling round conducted in 2023, the schedule for conducting statistical analyses shifted from annual updates to updates every 2 to 3 years. The 2023 Statistical Summary Report is included in **Appendix E**, including a summary table of data used for the statistical analysis for each parameter. Statistical analyses will be updated in 2026. **Table 5** provides the background and groundwater protection standard (GWPS) summary for the Site.

Groundwater samples collected in 2025 were unfiltered, in accordance with the variance to 567-103.1(2)f granted in a December 23, 2016 permit amendment. The September 2025 sampling event was the 10th round of unfiltered samples collected at the Site, and 2025 was the 7th reporting period during which the new statistical approach was applied at the Site.

The selected statistical analysis method uses a prediction interval approach as recommended for detection monitoring in the March 2009 U.S. Environmental Protection Agency (U.S. EPA) Unified Guidance for Statistical Analysis of Groundwater Monitoring Data at Resource Conservation and Recovery Act (RCRA) Facilities (Unified Guidance).

Interwell testing was selected for the prediction interval evaluation. Monitoring results from the downgradient wells were compared to the UPLs to evaluate whether a Statistically Significant Increase (SSI) over background has occurred. UPLs were calculated separately for the shallow and deep hydrogeologic units. Consistent with previous sampling events, monitoring well MW-2A was used as the background well for the shallow hydrogeologic unit, and MW-8 was used as the background well for the deep hydrogeologic unit. UPLs cannot yet be calculated for parameters added to the sampling program in 2023.

Monitoring results from the downgradient wells were compared to the UPLs to evaluate whether an SSI over background has occurred. UPL calculations were completed in 2023 using the eight rounds of unfiltered sample results for metals and a longer data record for anions that are not typically affected by filtration (e.g., chloride, sulfate).

Detection of an SSI at a compliance well indicates that the groundwater quality is different than the background groundwater quality, but does not necessarily indicate an impact to public health or the environment.

To evaluate potential health impacts, the monitoring results were compared to health-based GWPS values. The GWPS values were set at the drinking water Maximum Contaminant Level (MCL) if one exists, otherwise the Iowa Statewide Standard (SWS) for protected groundwater was used. If the UPL established based on background monitoring was higher than the MCL or SWS, then the GWPS was set at the UPL. Secondary Maximum Contaminant Levels (SMCLs) were not used to establish GWPS values because SMCLs are not health-based standards, but they are shown in **Table 5** for comparison with the UPL and GWPS values.

5.2 2025 RESULTS

Table 6 provides a summary of monitoring points/detected constituents from the September 2025 sampling event that did not exceed a UPL. **Table 7** provides a summary of ongoing and newly identified SSIs and compares these concentrations to the GWPS values.

Table 8 provides a visualization of the historic SSIs and regulatory standard exceedances since 2016, the first year during which unfiltered samples were collected at the Site. **Table 8** does not identify UPL exceedances prior to 2019, as that was the first year in which UPLs were calculated.

5.3 STANDARDS HISTORY

The standards for 2019 through 2025 are summarized in **Table 9**. Graphs of standards history are included in **Appendix F**.

6.0 SUMMARY OF FINDINGS FOR GROUNDWATER

6.1 COMPARISON TO STANDARDS

Compared to results since the sampling program was changed to unfiltered metals samples in 2016, there were no new GWPS exceedances in 2025. GWPS exceedances in 2025 were:

- Shallow Hydrogeologic Unit:
 - Arsenic: MW-12, MW-21
 - Boron: MW-15, MW-16
 - Lithium: MW-15, MW-16
 - Manganese: MW-12
 - Molybdenum: MW-16

- Deep Hydrogeologic Unit:
 - Boron: MW-10, MW-11, MW-13, MW-18
 - Lithium: MW-10, MW-11, MW-13, MW-17, MW-18, MW-23
 - Manganese: MW-24
 - Molybdenum: MW-10, MW-11, MW-13, MW-18

There were no well/constituent pairs that had a GWPS exceedance in 2024 that did not exceed the GWPS in 2025.

The September 2025 sampling event was the third time samples were tested for lithium and molybdenum at the Site, so UPLs cannot yet be calculated for these parameters and results cannot be compared to historical data prior to 2023.

Comparison of the 2025 monitoring results to background UPLs indicated approximately the same number of SSIs as in 2024, but with some differences in the wells and constituents for which SSIs were identified.

The parameters most commonly detected above the UPLs were parameters without health-based standards, including chloride, iron, magnesium, and sulfate. Metals with health-based standards were also detected above background concentrations in some wells, but the SSIs were not as widespread. Metals with an SSI for at least one monitoring well in 2025 included arsenic, barium, boron, iron, lead, magnesium, and manganese.

Calcium, fluoride, lithium, molybdenum, TDS, and TSS were added to the monitoring program in 2023. Calcium, lithium, and molybdenum were all detected at multiple wells in September 2025. There is no applicable GWPS for calcium. Lithium and molybdenum concentrations are discussed above. Fluoride was detected at two wells, at a concentration at or below the method reporting limit.

6.2 TREND ANALYSIS

Trend analyses for wells and parameters with regulatory standard exceedances in 2025 are included in **Appendix G1** and are summarized in **Table 10**. Trends to date can also be visually evaluated by inspection of the updated time series plots in **Appendix E**. The trend analysis indicates the following significant trends for well/constituent pairs with GWPS exceedances in September 2025. Lithium and molybdenum are not included because only three rounds of results are available for these constituents.

- Increasing trend
 - none
- Decreasing trend
 - Boron at MW-10
 - Manganese at MW-24

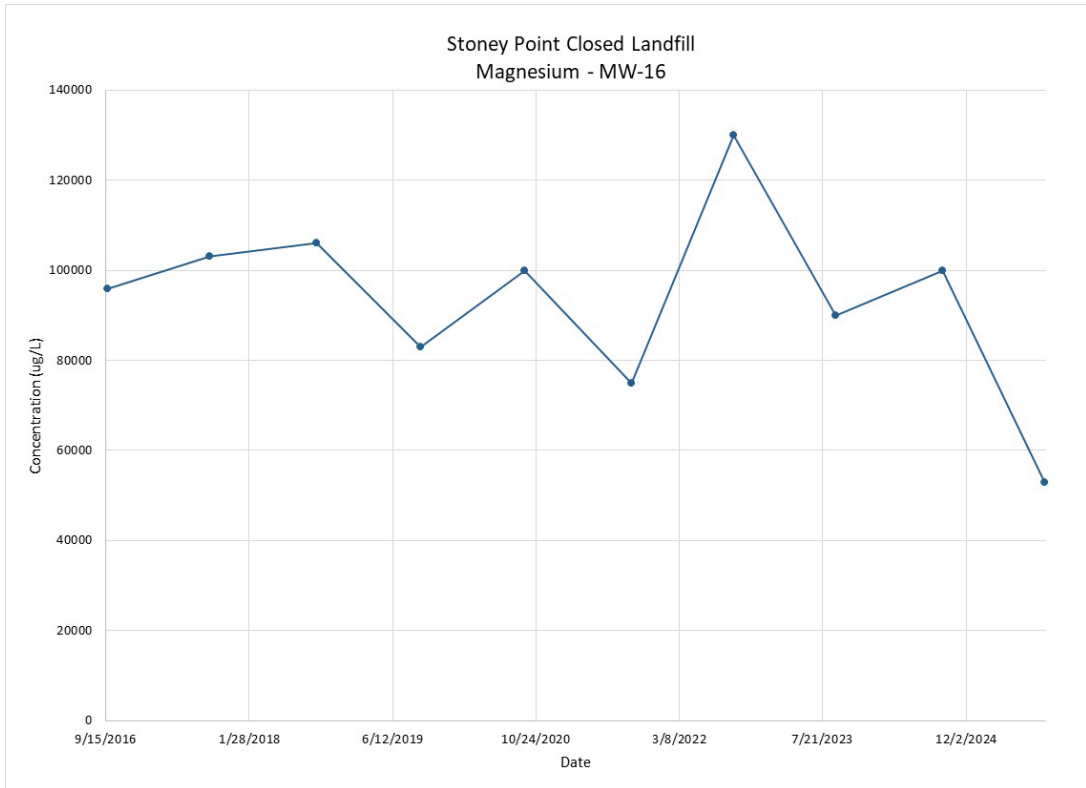
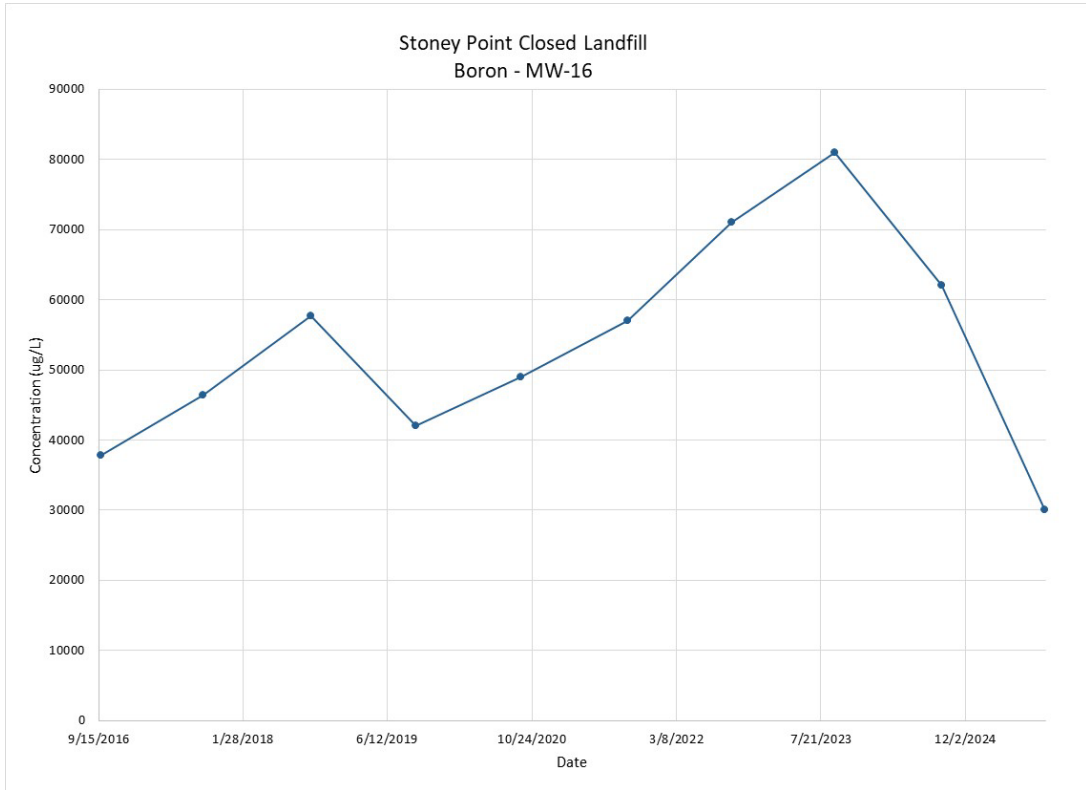
6.3 TOTAL SUSPENDED SOLIDS EVALUATION

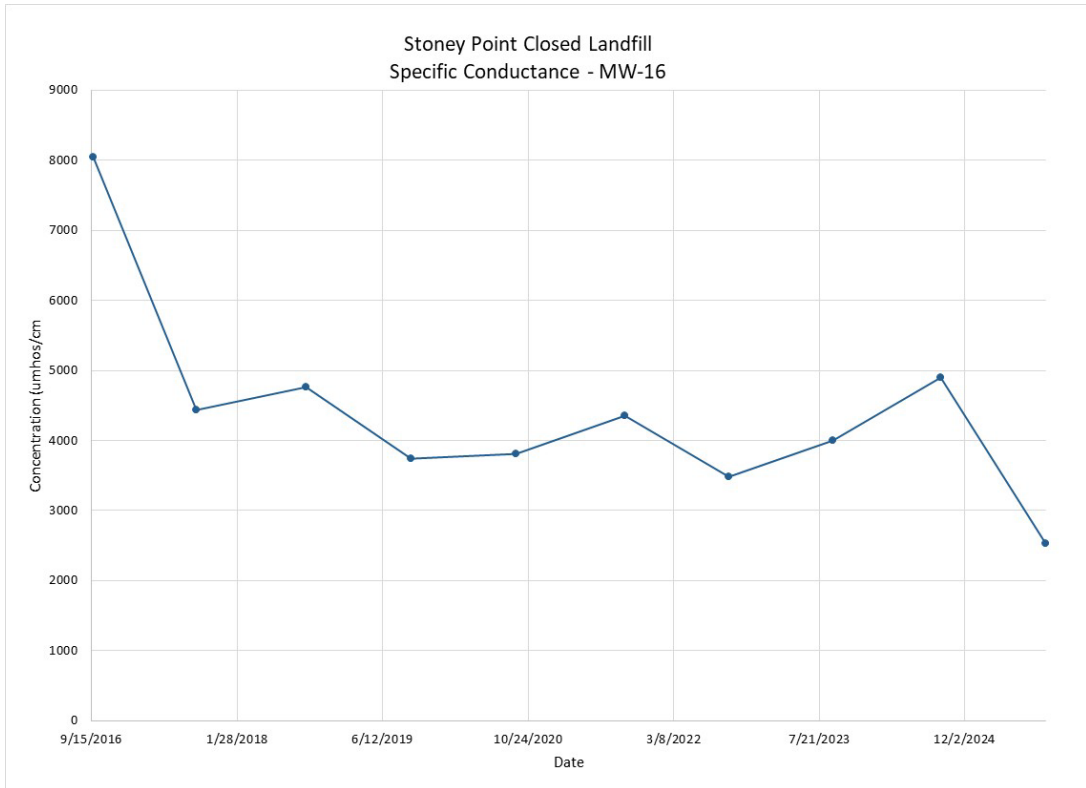
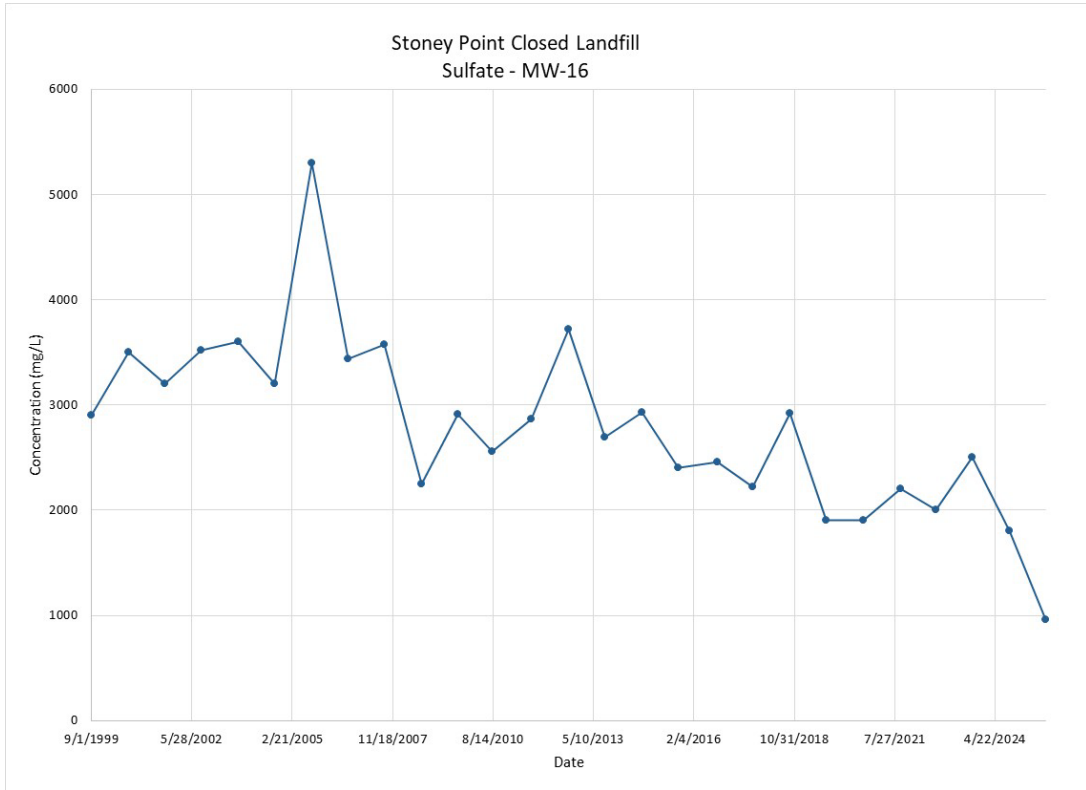
TSS was added to the parameter list in 2023. Elevated TSS (over 5 mg/L) was detected at nearly all monitoring wells, including most wells with dedicated low-flow pumps. One TSS value over 100 mg/L was detected, at MW-23. Elevated TSS does not appear to be correlated with higher metals concentrations when comparing results between wells, and not enough data are available to assess whether TSS and metals concentrations are related over time at individual wells.

6.4 BORON, MAGNESIUM, SULFATE, AND SPECIFIC CONDUCTANCE EVALUATION

Groundwater samples from monitoring well MW-16 have historically measured the highest concentrations of many of the parameters analyzed on an annual basis. IDNR comments for the 2023 Annual Water Quality Report (Doc #108357) contained in correspondence dated August 8, 2024, (Doc #110661) specifically mentioned boron, magnesium, sulfate, and specific conductance as parameters with the highest measured concentrations at monitoring well MW-16. Consequently, the IDNR required additional assessment activities, which were presented in the Groundwater Quality Assessment Plan dated April 30, 2025 (Doc #112962). As part of the Groundwater Quality Assessment Plan, the concentrations and trending of these parameters were reviewed and discussed therein. Below is an abbreviated update of that review for the four parameters specifically mentioned in the August 2024 DNR correspondence.

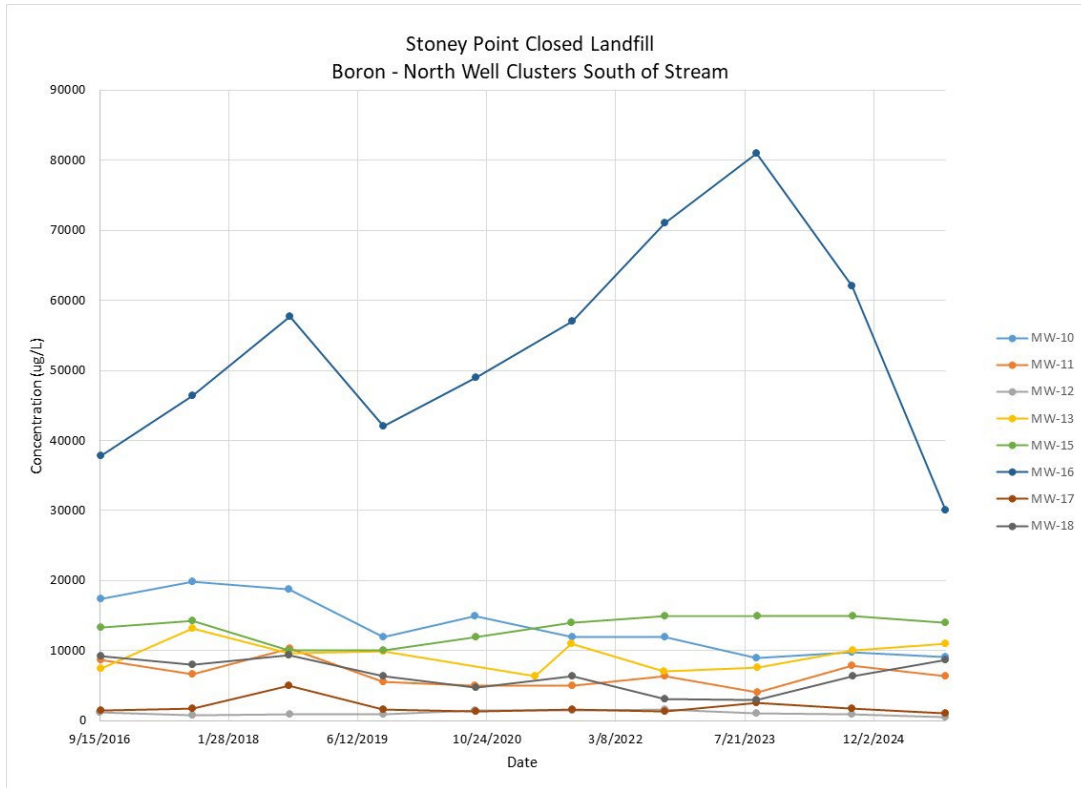
The addition of the 2025 sampling event analytical data to the historical data set shows continued water quality stability or improvement, most notably in monitoring well MW-16. Below are updated graphs for monitoring well MW-16.

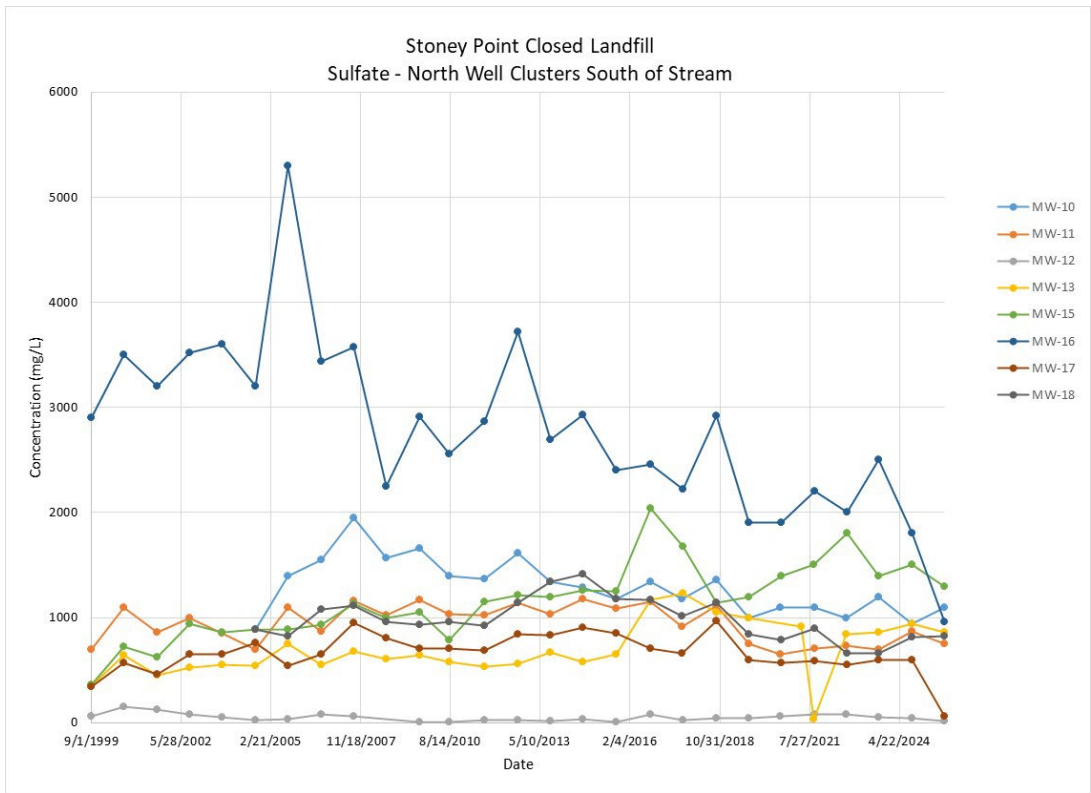
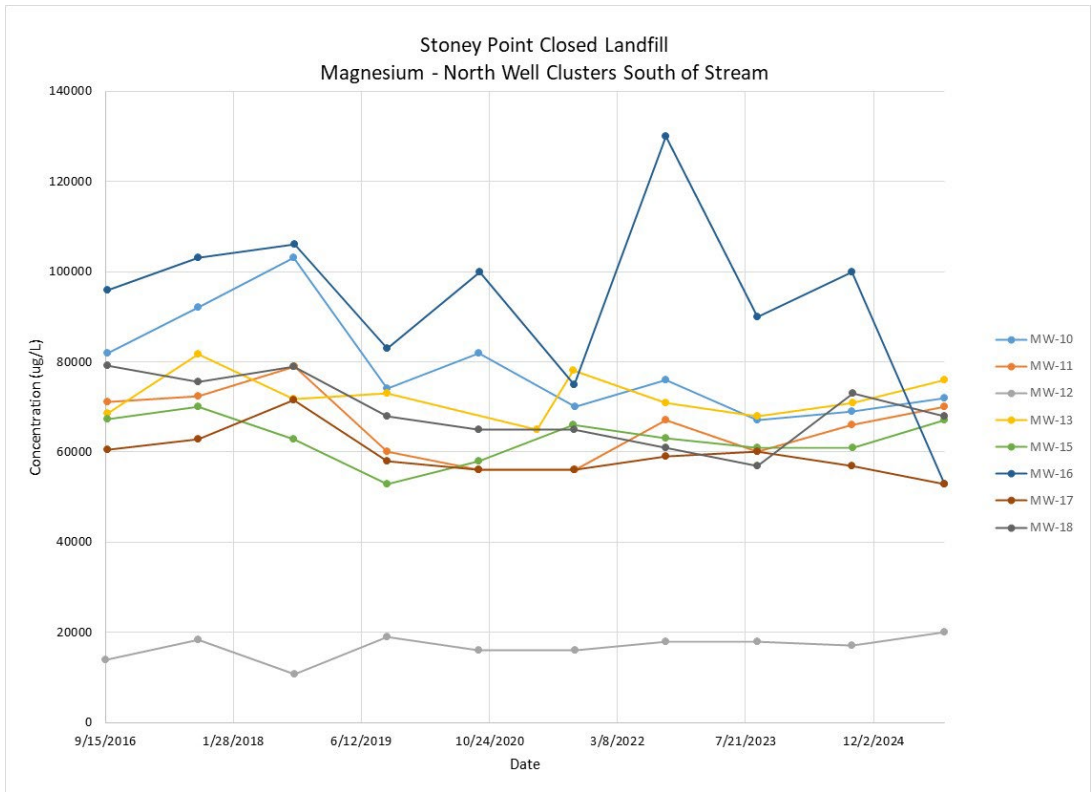


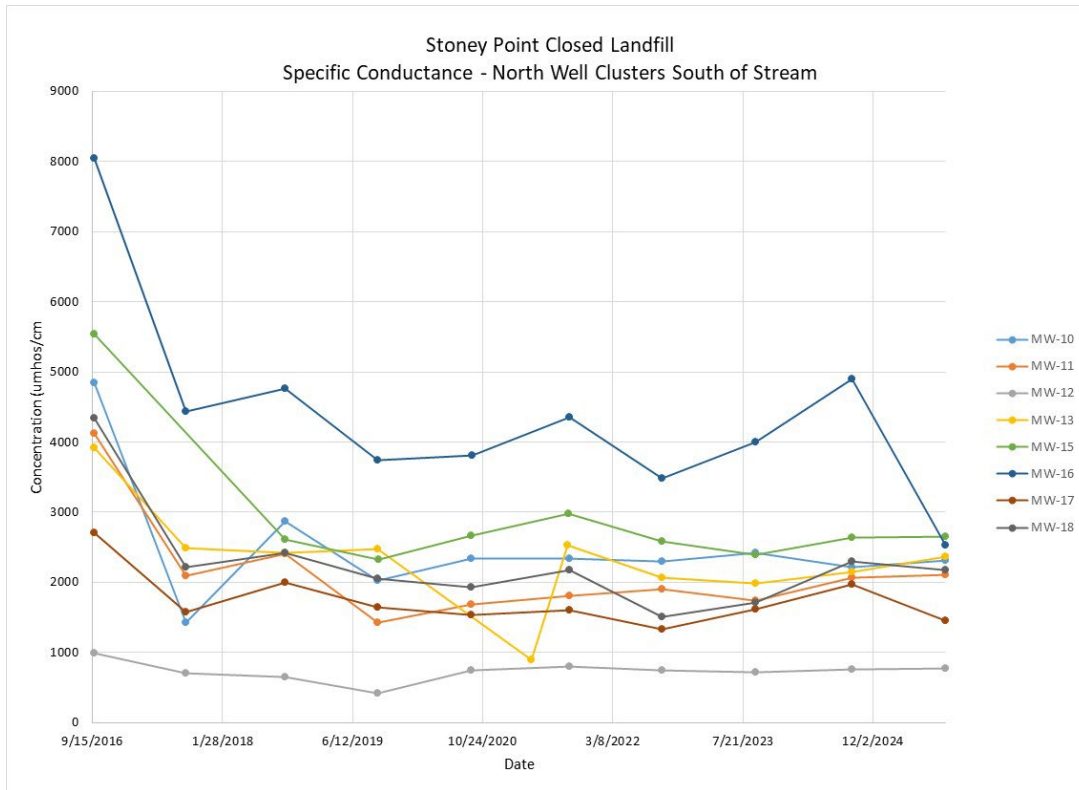


As shown in the above graphs, the 2025 boron, magnesium, sulfate, and specific conductance concentrations were the lowest measured in the period of record at monitoring well MW-16 indicating improvement in water quality at this location in 2025.

To review if these lower concentrations were potentially the result of vertical or horizontal migration away from monitoring well MW-16, graphs for these four parameters were prepared, including the monitoring wells in the three well clusters located north of the Landfill but south of the stream. The graphs are shown below.







The above graphs indicate generally stable concentrations in the other monitoring wells vertically clustered with and downgradient of monitoring well MW-16 during the period for which total metals results are available (2016-2025). Overall, significant migration of elevated concentrations away from monitoring well MW-16 is not evident.

Trends analysis of boron, magnesium, sulfate, and specific conductance show no significant increasing trends at the shallow, intermediate, or deep zone wells downgradient of MW-16. All statistically significant trends are decreasing. Trends analysis and time series graphs are included in **Appendix G2**. As stated in the 2024 AWQR, trend analysis of boron concentrations at MW-16 using data through 2024 yielded a statistically significant increasing trend. However, as noted above, the September 2025 total boron concentration at MW-16 was the lowest in the period of record. The updated trend analysis including this most recent result did not yield a statistically significant trend at MW-16.

6.5 GEOCHEMICAL EVALUATION

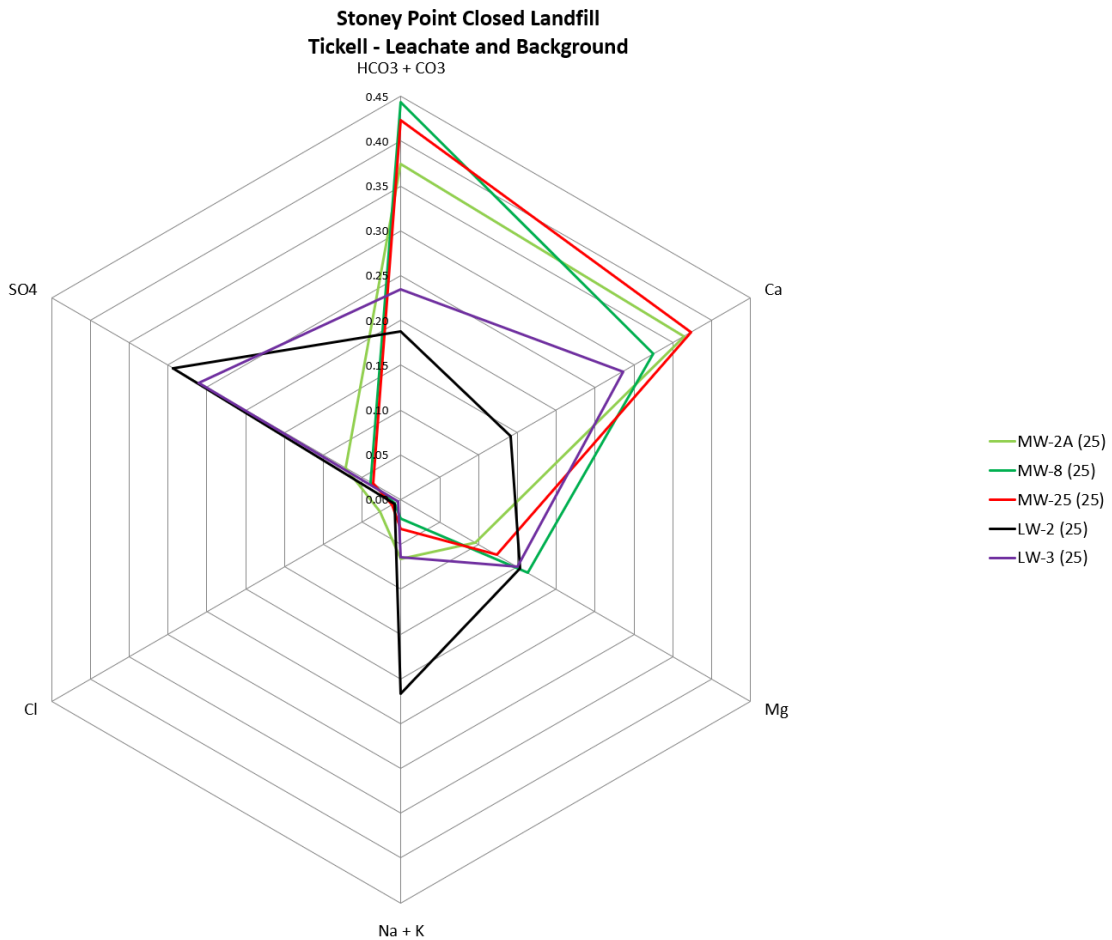
The Groundwater Quality Assessment Plan was submitted on April 30, 2025, and proposed sampling for the eight major ions used in geochemical evaluations in an effort to better understand water quality in the vicinity of the Landfill and evaluate the Landfill as a potential influence on water quality as measured in the monitoring well network. The eight major ions used in the geochemical evaluation included:

- Bicarbonate (HCO₃)
- Carbonate (CO₃)
- Calcium (Ca)
- Magnesium (Mg)
- Potassium (K)
- Chloride (Cl)
- Sodium (Na)
- Sulfate (SO₄)

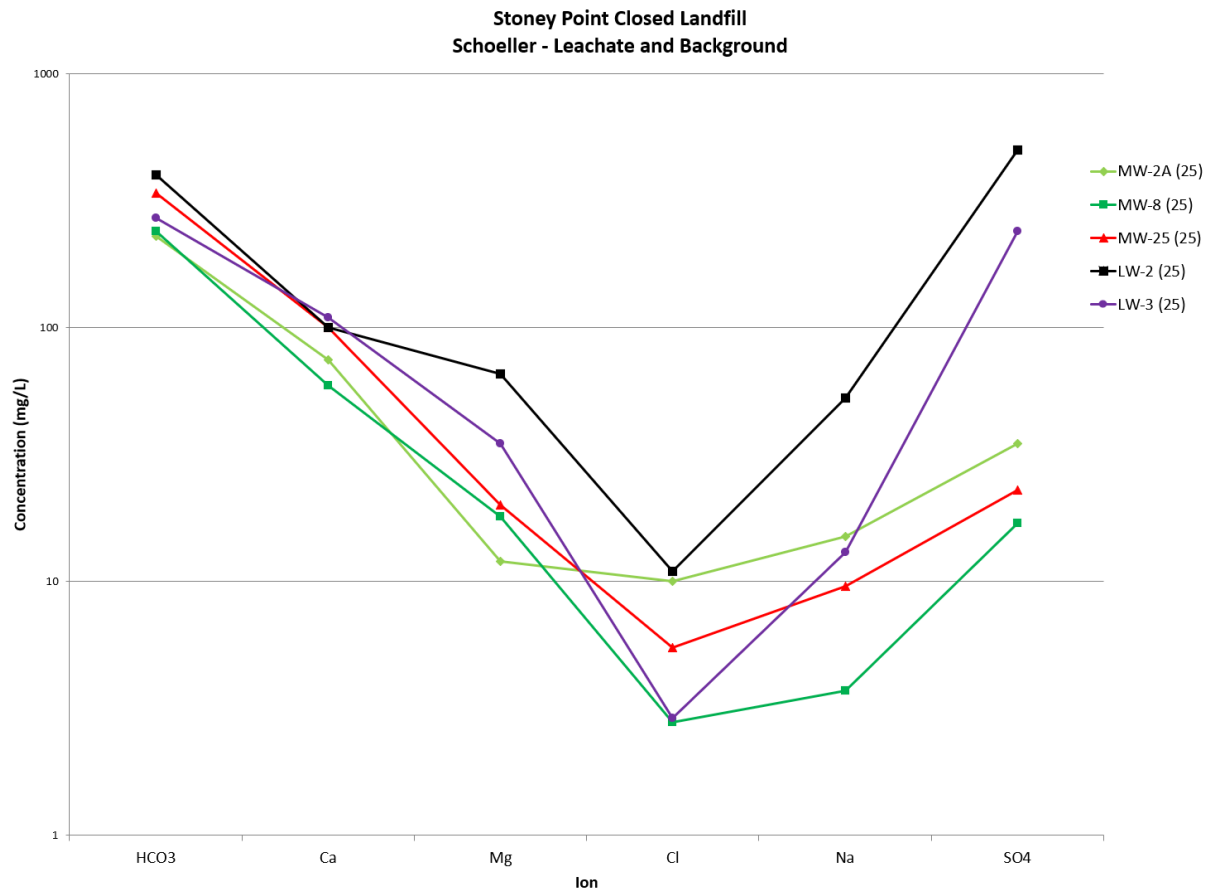
Laboratory analytical reports containing the sample results for the above ions are contained in **Appendix C**.

The initial step in the geochemical evaluation was the development of endmember signatures for background or unimpacted groundwater and for leachate. Monitoring wells MW-2A and MW-8 are the designated background monitoring wells for the Site and were used to represent background. Monitoring well MW-25 was added to the background endmember set due to its upgradient and distant location from the waste boundary. The samples collected from leachate piezometers LW-2 and LW-3 were used to represent leachate.

Tickell and Schoeller endmember signatures are shown together in the graphs below to visualize the contrast between endmembers to assess which geochemical comparison would be more useful for the evaluation.



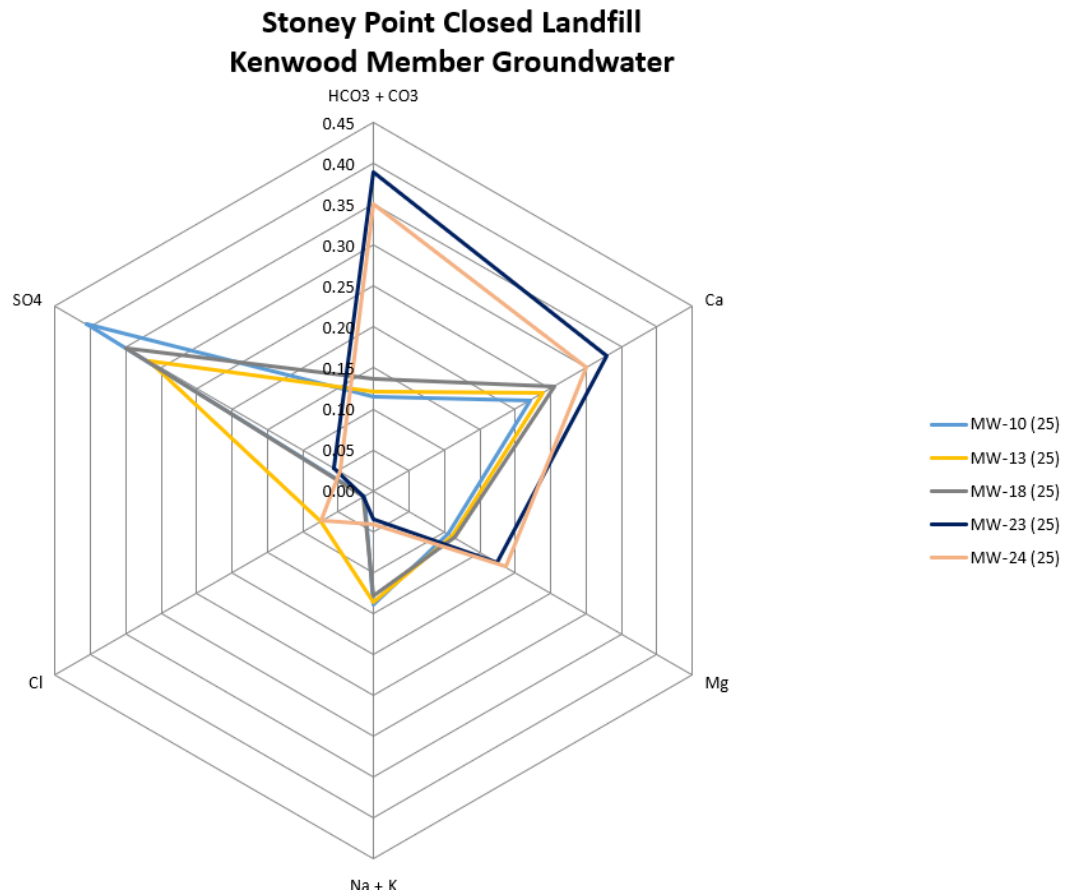
Note: Tickell plot axes units are percentage millequivalents per liter (meq/L).



Review of the above endmember signatures indicates a significantly greater contrast between background groundwater and leachate in the Tickell signatures. Therefore, only Tickell signature comparisons will be used for the comparisons to groundwater signatures from compliance monitoring wells. Two additional items should be noted from the above signatures:

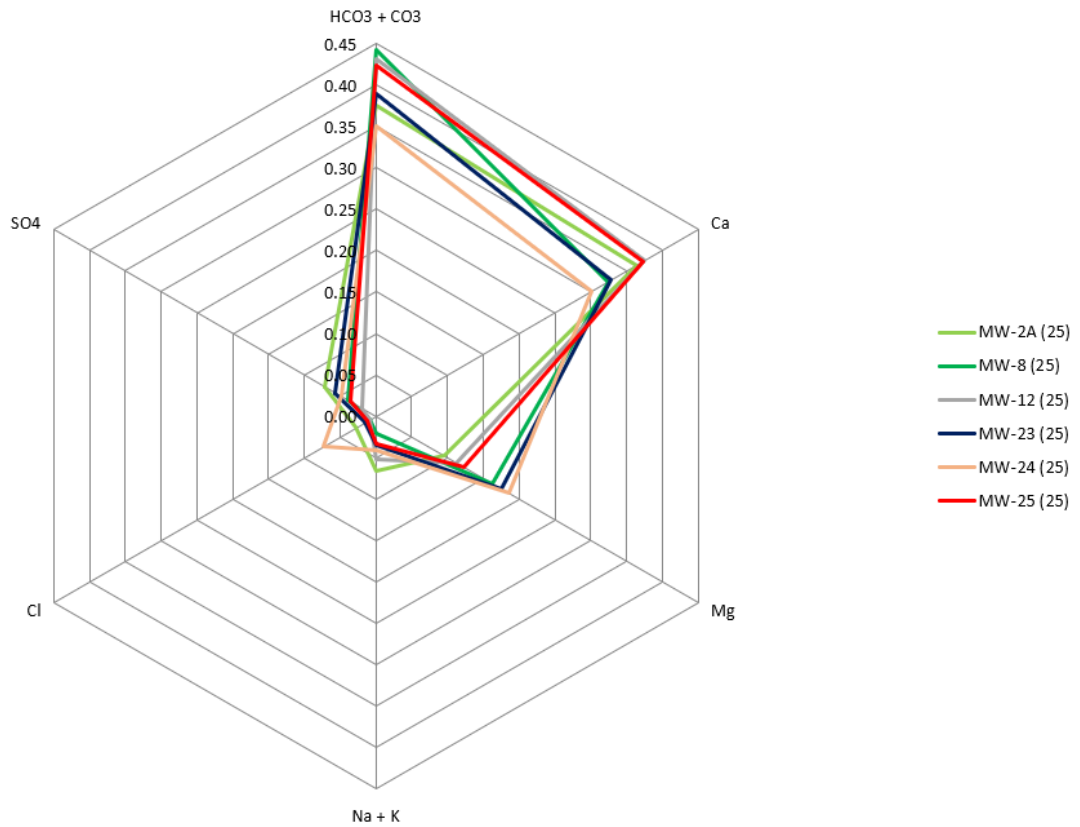
1. The leachate signature from LW-2 is considered the more concentrated leachate signature as compared to the LW-3 signature. This is supported by the predominantly higher geochemical parameter concentrations and the standard parameter concentrations, which in LW-2 are generally two to four times greater than the concentrations measured in LW-3.
2. Despite monitoring wells MW-2A and MW-8 being screened in the Solon Member and MW-8 being screened in glacial till, the signatures were similar. Based on this observation, the background signature is assumed suitable for background comparisons throughout the compliance monitoring well network, despite differing geologies of the screened intervals. Potential limitations associated with this assumption include the possibility for variation in other geochemical parameters between geologic units on site, however the similarity in major ion signatures between the three background wells supports the use of this assumption based on available data.

Below is a graph of the downgradient groundwater monitoring wells screened in the Kenwood Member.



The above graph indicates the signatures for monitoring wells MW-23 and MW-24 are similar to the background endmember signatures despite being from a geologic formation different from those of the background wells. The signatures for monitoring wells MW-10, MW-13, and MW-18, while similar to each other, deviate significantly from the background endmember signature. Below is a graph comparing monitoring wells MW-23 and MW-24 along with MW-12 to the background endmember signatures.

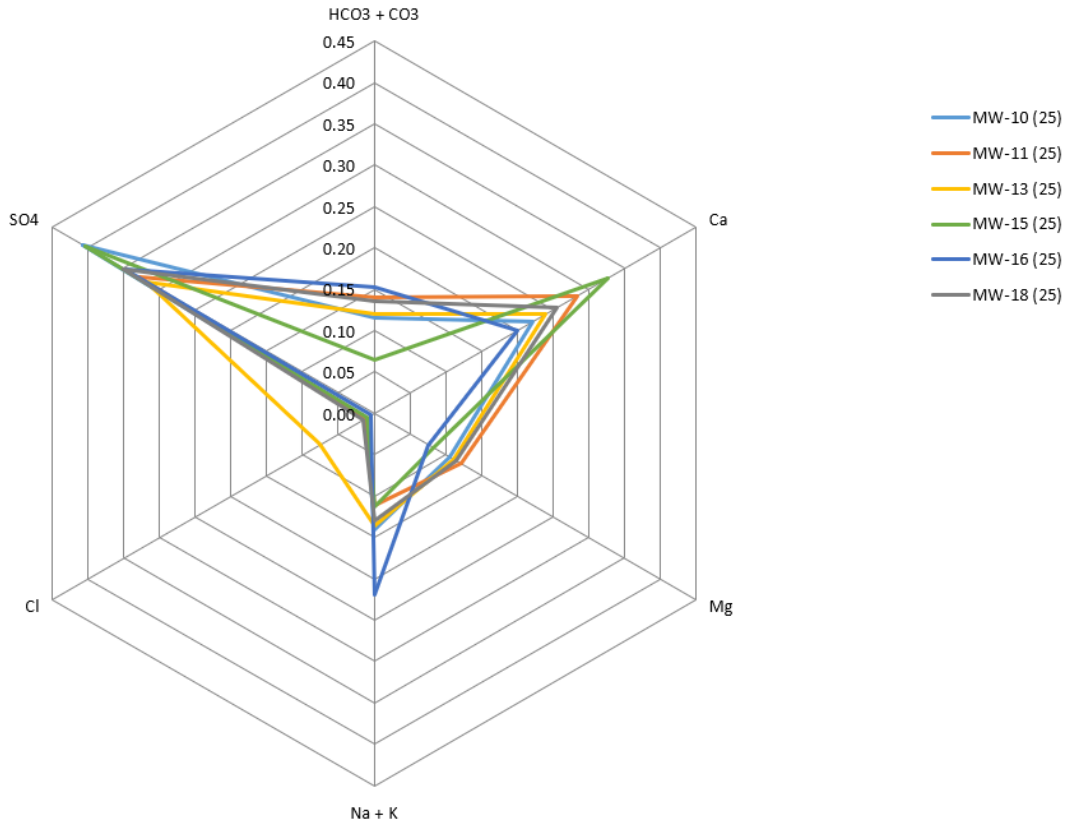
Stoney Point Closed Landfill Background, MW-12, MW-23, MW-24, MW-25



Based on the signature similarity, it appears that monitoring well MW-12 (shallow well near the northwest corner of the Landfill), MW-23 (deep well on north side of creek north of the Landfill), and MW-24 (deep well on west side of the Landfill) are likely not impacted.

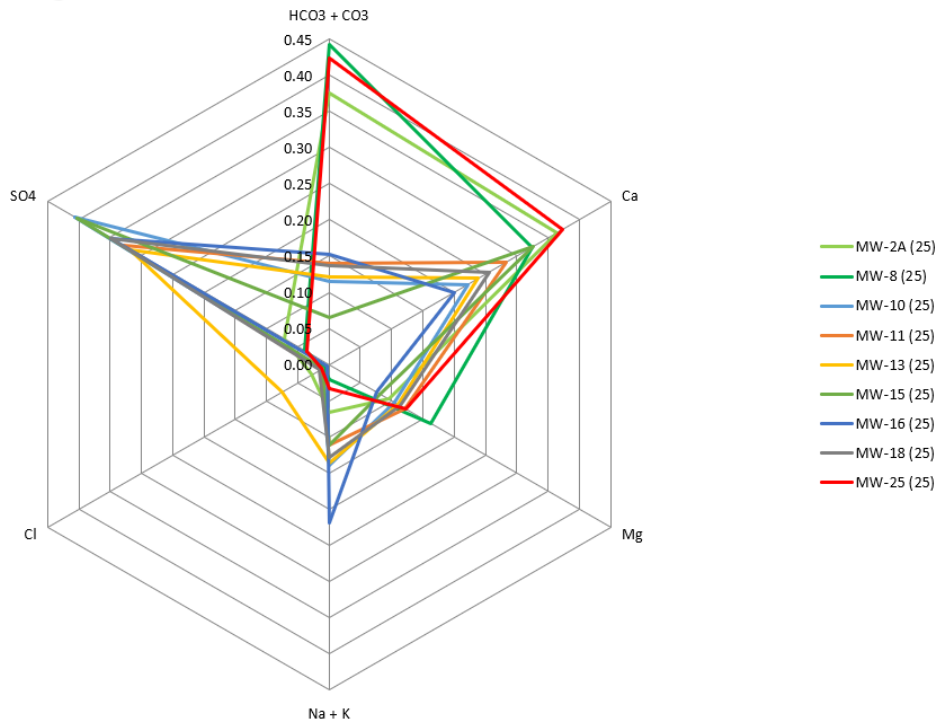
Review of other compliance well signatures indicated general similarity between monitoring wells MW-10, MW-11, MW-13, MW-15, MW-16, and MW-18 as shown in the graph below. These monitoring wells are all located near the northern boundary of the Landfill, south of the creek.

**Stoney Point Closed Landfill
MW-10, MW-11, MW-13, MW-15, MW-16, MW-18**

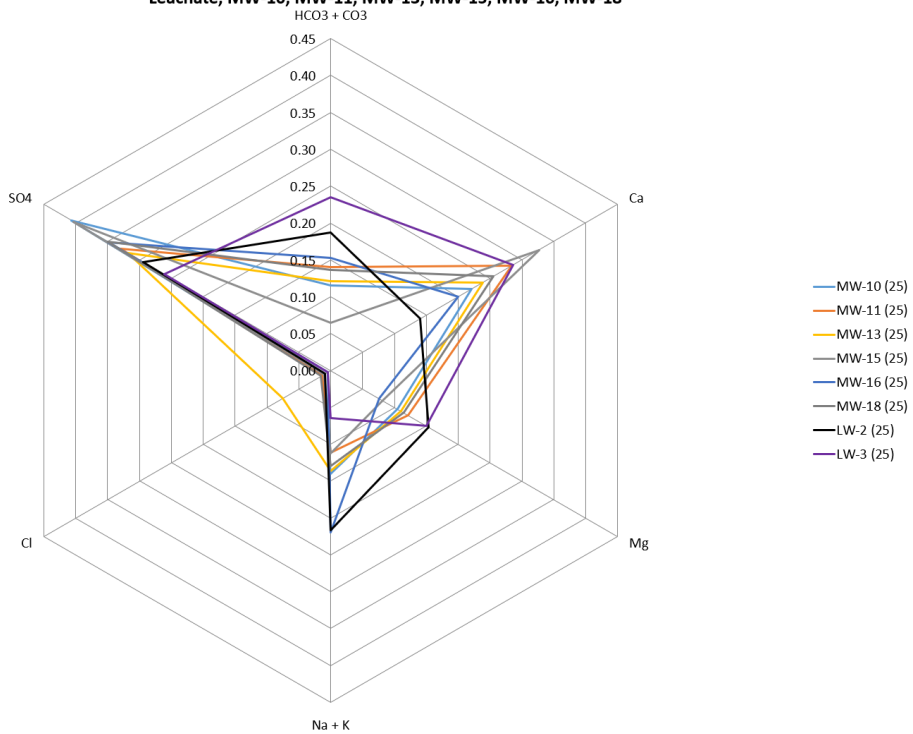


The graphs below compare these wells to the background endmember signatures and the leachate endmember signatures, respectively.

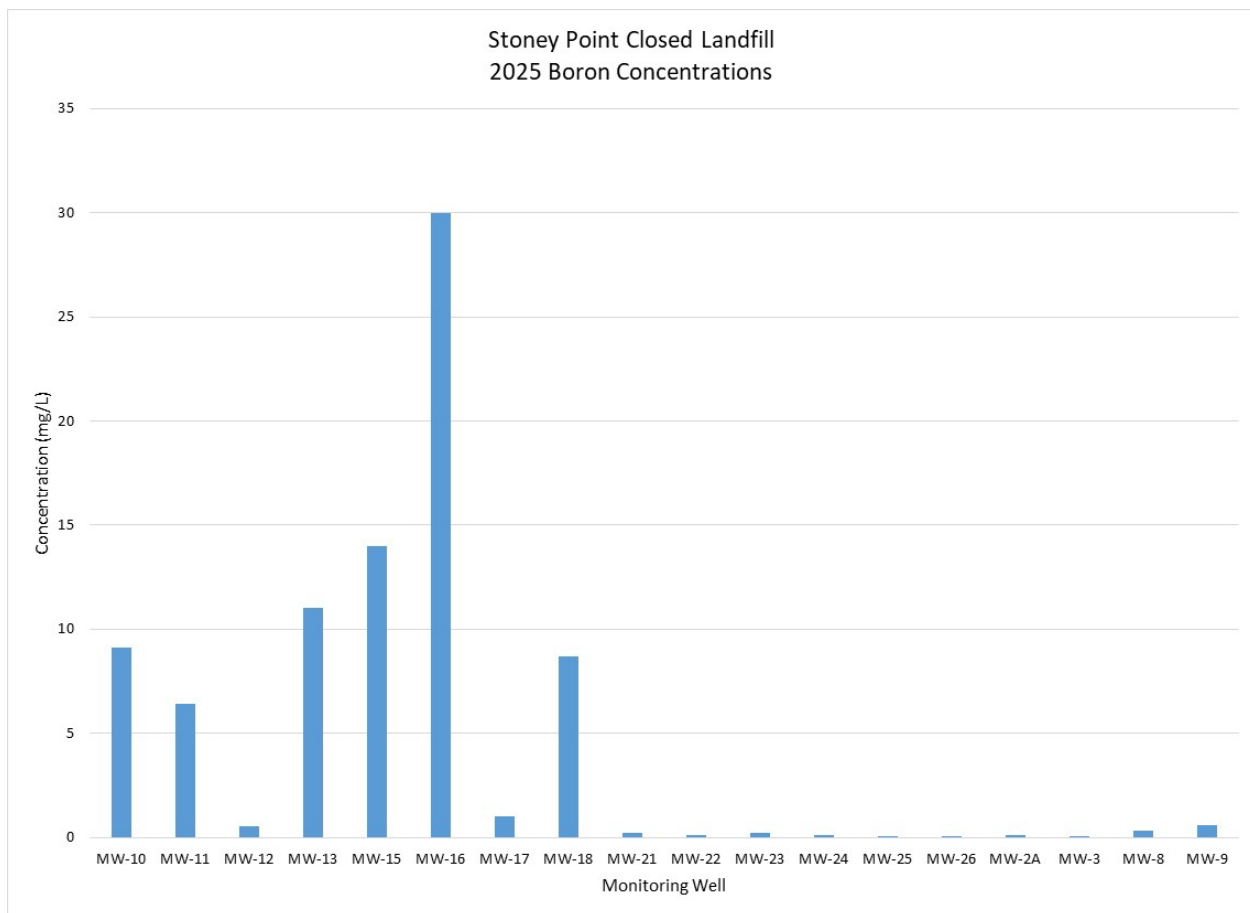
Stoney Point Closed Landfill
Background, MW-10, MW-11, MW-13, MW-15, MW-16, MW-18



Stoney Point Closed Landfill
Leachate, MW-10, MW-11, MW-13, MW-15, MW-16, MW-18

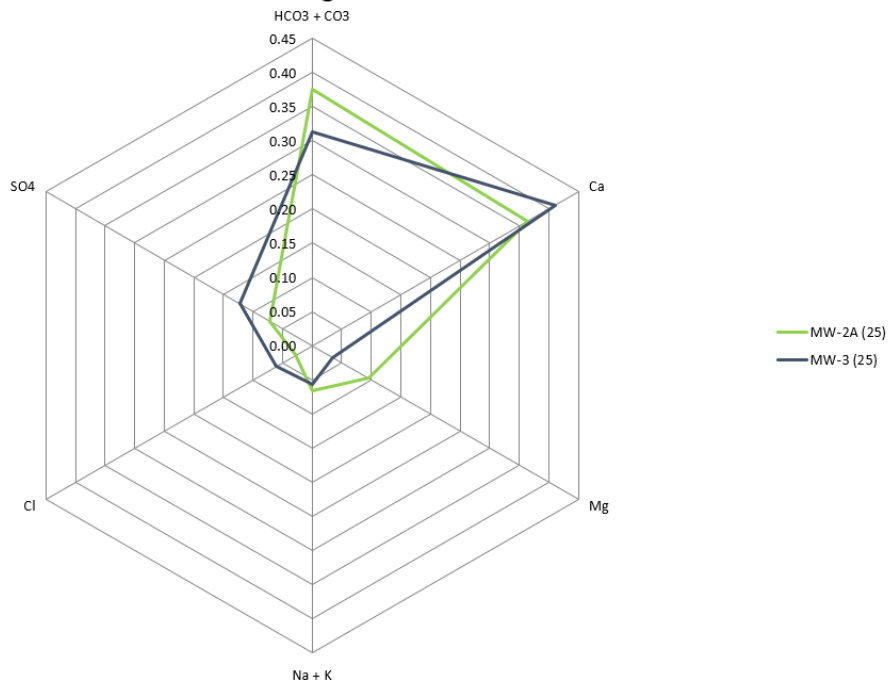


The above graphs illustrate that majority of the monitoring wells close to the north side of the landfill more closely resemble the leachate endmember signatures than the background signatures, indicating some geochemical changes appear to have occurred on the north side of the Landfill that may be related to the Landfill. These six monitoring wells also exhibit the higher boron concentrations as shown in the chart below using the September 2025 sample results. Boron concentrations are also elevated in the leachate samples (not shown).

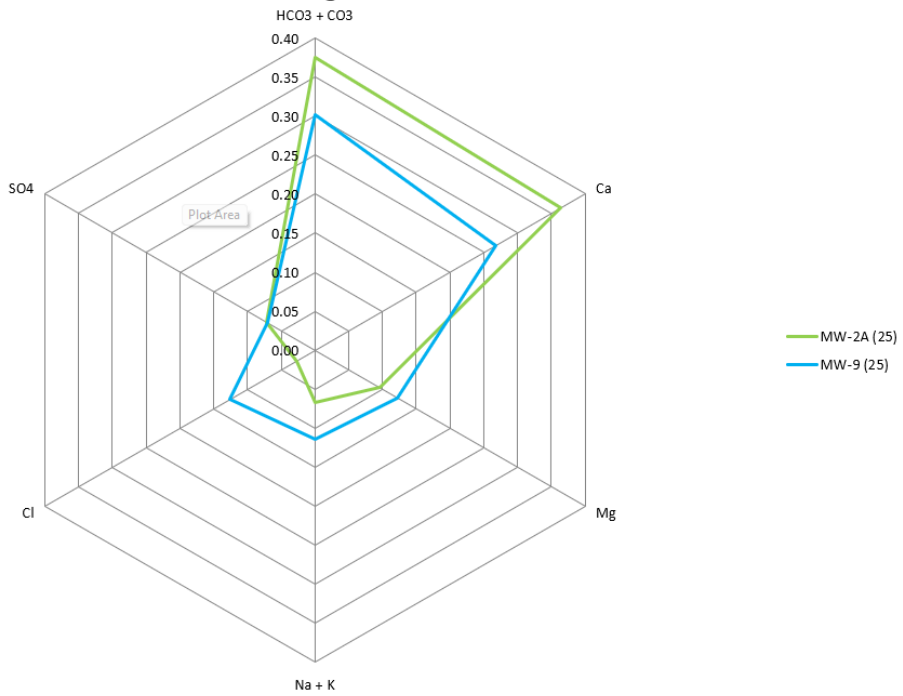


The remaining monitoring wells not grouped with either background or leachate endmember signatures were MW-3, MW-9, MW-17, MW-21, MW-22, and MW-26. These six monitoring wells were reviewed in the following graphs by pairing with the endmember signature they more closely resemble or pairing with both endmember signatures if there was no apparent similarity to either. In most cases, a particular endmember signature was used in the pairing as opposed to the full endmember signature set in an attempt to identify closer signature matches.

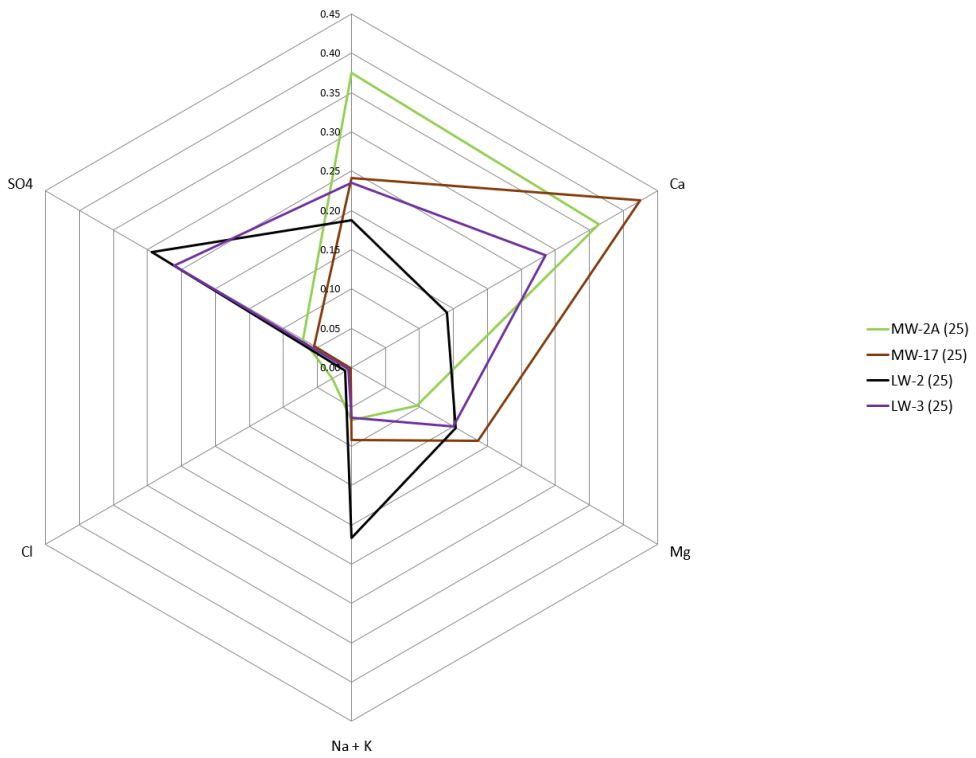
**Stoney Point Closed Landfill
Background, MW-3**



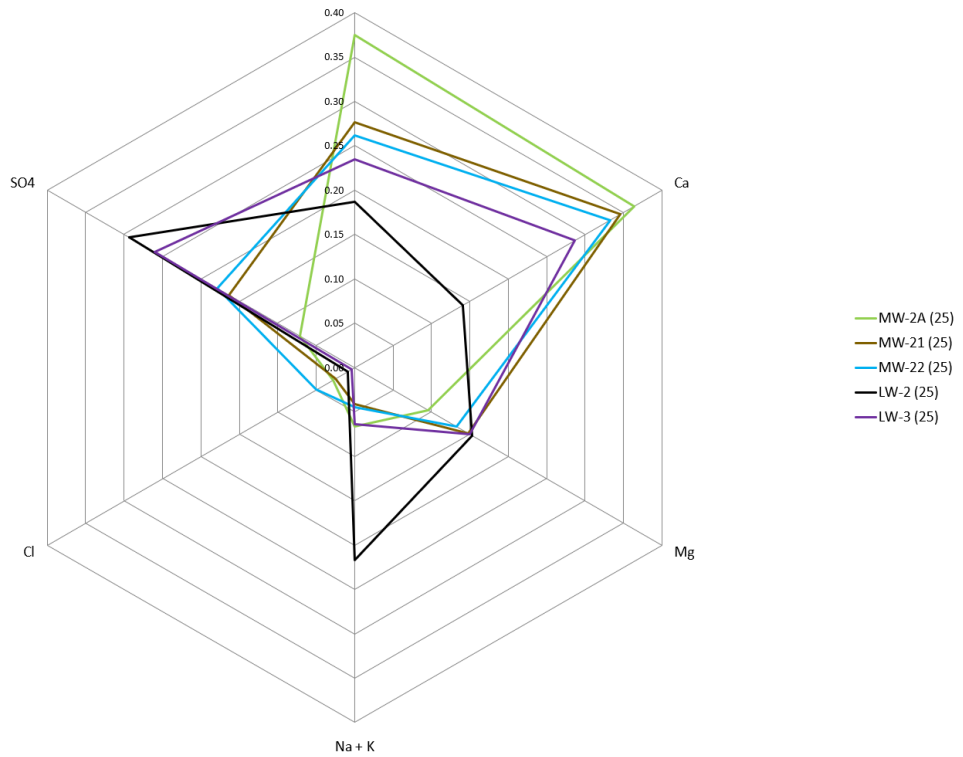
**Stoney Point Closed Landfill
Background, MW-9**

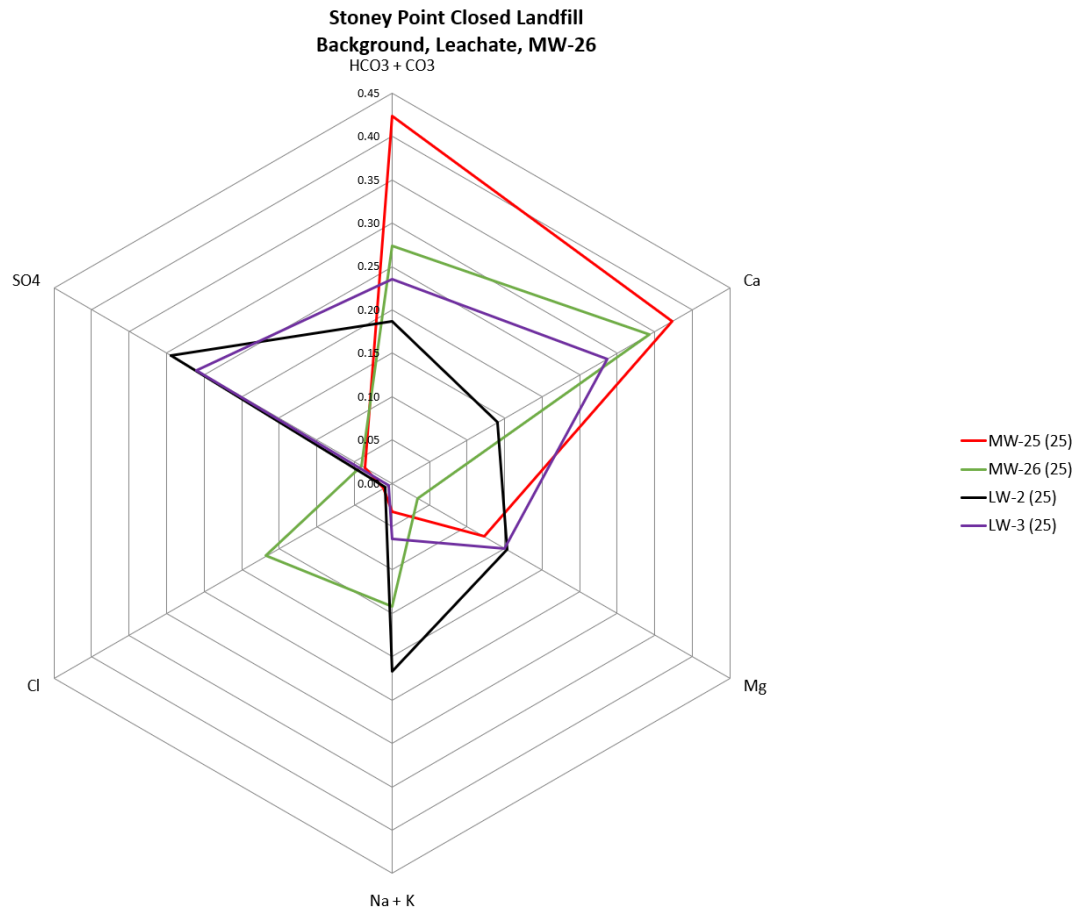


Stoney Point Closed Landfill
Background, Leachate, MW-17
 HCO₃ + CO₃



MW-21, MW-22, Background, and Leachate
 HCO₃ + CO₃





The above graphs indicate the following:

- MW-3: Generally more similar to background endmember.
- MW-9: Generally more similar to background endmember.
- MW-17: Components of similarity to both background and leachate endmembers.
- MW-21: Very similar to MW-22. Components of similarity to both background and leachate endmembers.
- MW-22: Very similar to MW-21. Components of similarity to both background and leachate endmembers.
- MW-26: Not similar to either background or leachate endmembers.

Monitoring wells MW-21 and MW-22 are of particular interest with regard to the question of whether or not groundwater is potentially migrating north under the creek at some depth beneath the stream. The conclusion of the 2005 Groundwater Quality Assessment Report (Doc #60409) was that “the stream generally acts as a hydraulic barrier; however, the permeability of the soil and upper bedrock

appears to allow the migration of reduced levels of constituents to the north in the intermediate zone.” Monitoring well MW-22 is assigned to the intermediate zone and is screened in alluvium, which is a different geology than the other compliance wells at the Landfill, although, as noted above, is geochemically very similar to shallow monitoring well MW-21 screened in glacial till in the well cluster with monitoring well MW-22. The 2025 Groundwater Quality Assessment Plan (Doc #112962) indicated, based on conservative parameters, sulfate and chloride, that water quality at monitoring well MW-22 may be predominantly influenced from the north rather than from the Landfill area to the south.

In general, the geochemical evaluation indicated the following:

1. Groundwater to the west and south of the Landfill appears generally consistent with background, and therefore, it is likely not impacted.
2. Water quality changes are evident to the north of the Landfill on the south side of the stream. These changes appear related to the Landfill based on comparisons to leachate.
3. Not all monitoring wells on the north side of the Landfill have experienced water quality changes from background, most notably monitoring well MW-12 near the northwest corner of the Landfill.
4. On the north side of the stream, monitoring well MW-23 is consistent with background. Monitoring wells MW-21 and MW-22 had signatures consistent with each other but different from monitoring well MW-23. A reason for the different geochemistry at these locations was not apparent, although could be related different geology, some unidentified influence from the north, or possibly very limited influence from the Landfill.

The above findings are generally consistent with the findings of the 2005 Groundwater Quality Assessment Report with regard to the north side of the Landfill. Areas to the west and southwest of the Landfill were questioned as possibly exhibiting minor Landfill impact in the 2005 Groundwater Quality Assessment Report, however, the geochemical evaluation indicates that these areas appear representative of background.

7.0 LEACHATE AND SURFACE WATER MONITORING

Leachate well samples are analyzed for arsenic, boron, calcium, lithium, manganese, molybdenum, fluoride, sulfate, TDS, and TSS. Only LW-2 and LW-3 contained sufficient volume for sample collection in September 2025.

The arsenic concentrations at LW-2 and LW-3 were higher than arsenic concentrations detected at Site monitoring wells. The lithium concentration detected at LW-2 was slightly higher than the highest concentrations detected at Site monitoring wells. The boron, calcium, lithium, manganese, molybdenum, sulfate, TDS, and TSS concentrations at LW-2 and LW-3 are within the range of concentrations observed at Site monitoring wells. Fluoride was not detected at LW-2 or LW-3. A summary of detected parameters for the leachate monitoring points in 2025 is included in **Table 11**.

During the April and September monitoring events, leachate levels were measured at leachate head wells LW-1, LW-2, and LW-3. The leachate head wells intersect the water table within the landfill footprint. Historically, LW-1 has often been dry or nearly dry. Leachate depths measured during 2025 are summarized in **Table 12**.

Surface water sample collection was attempted at surface water monitoring points SW-1 and SW-2. Both surface water sampling points had sufficient water to sample during the September 2025 monitoring event. The surface water monitoring results are summarized in **Table 11**.

8.0 RATE OF MIGRATION EVALUATION

The April 30, 2025, Groundwater Quality Assessment Plan described the process by which horizontal groundwater flow rates and vertical flow gradients would be estimated. Flow rates calculated for September 2025 are summarized in **Appendix H**.

9.0 RECEPTOR SURVEY UPDATE

In IDNR's September 18, 2025, email response to the 2024 AWQR and the April 30, 2025 Groundwater Quality Assessment Plan, the IDNR requested a discussion of which of the wells listed in Appendix C of the Groundwater Quality Assessment Plan may be potential receptors. In particular, the IDNR's response noted the well identified as Well 21531 and the well at 5400 F Ave NW. The materials included in Appendix C of the Groundwater Quality Assessment Plan are included here in **Appendix I** for reference.

The location of Well 21531 on the map and in the GEOSAM and PWTS Search table in **Appendix I** is based on information available in the GEOSAM database, and is noted in the table as a calculated (not measured) location. This location is within the agricultural field to the north of the Stoney Point Closed Landfill, indicating that this is not the well's actual location. The well owner's name is listed as Dean Washburn. Mr. Washburn's name also appears as the owner of parcels on the north side of Rogers Rd NW in a 1988 plat map of Washburn's First Addition (**Appendix I**). Based on this information it appears that the more likely location for this well, if it still exists, is to the north of Rogers Rd NW. A note to this effect has been added to the map in **Appendix I**. This location's distance from the landfill and position at least 800 feet north of the stream indicates that the well is unlikely to be a receptor.

As discussed in this report, available data indicate that water quality changes north of the landfill and south of the stream appear to be related to the landfill. These water quality changes are not currently delineated to the west of the MW-10/MW-11/MW-12 nest due to the proximity of these wells to the property line. While the well at 5400 F Ave NW cannot be definitively ruled out as a potential receptor based on available data, the construction record for this well (**Appendix I**) indicates the well is 215 feet deep, over 100 feet greater than the deepest monitoring wells at the Site. This suggests that the well is open to the Silurian aquifer which, as noted in **Section 1.1.1**, is overlain by local confining units. As discussed in the April 30, 2025 Groundwater Quality Assessment Work Plan, IPL sent a letter to the well owner on October 11, 2024, offering to sample the well. The well owner did not respond.

10.0 RECOMMENDATIONS

SCS recommends that the current monitoring program be continued during 2026, with the inclusion of calcium, lithium, molybdenum, TDS, TSS, field dissolved oxygen, and field redox potential. Fluoride was only detected at two wells at a concentration at or below the method detection limit, so annual testing for fluoride is not recommended. Based on prior communication with IDNR, fluoride will be included in the sampling program in 2028 and reevaluated. As was the case in 2025, an attempt to sample MW-20 will only be made during future sampling events if at least 5 feet of water is present in the well prior to purging. The planned monitoring schedule for 2026 is summarized in **Table 2**.

In addition, SCS recommends that MW-16 be repaired after the spring 2026 thaw and that documentation of the repair be submitted to IDNR.

As stated in the Response to IDNR Comments on the 2023 Annual Water Quality Report submitted to IDNR on September 20, 2024, a Groundwater Quality Assessment Plan was submitted on April 30, 2025. The recommendations of this Plan were implemented during the 2025 reporting period and discussed herein. Overall it appears that water quality is stable to improving at the Landfill, particularly as noted in monitoring well MW-16. Based on the improving conditions, the only additional assessment activity recommended for the 2026 reporting period is to include the geochemical parameters to the 2026 reporting period sampling event to provide data to evaluate the temporal stability of the geochemistry. Results will be discussed in the 2026 AWQR.

11.0 REFERENCES

RMT, Inc., 2005, Groundwater Quality Assessment Report and 2005 Annual Water Quality Report for the Stoney Point Landfill, Cedar Rapids, Iowa. Prepared for Interstate Power and Light Company, November 2005.

SCS Engineers, 2018, Groundwater Quality Assessment Plan, Interstate Power and Light Company – Stoney Point Closed Landfill, November 28, 2018.

SCS Engineers, 2025, Groundwater Quality Assessment Plan, Interstate Power and Light Company – Stoney Point Closed Landfill, April 30, 2025.

Wahl, K. and B.J. Bunker, 1986, Hydrogeology of Carbonate Aquifers in southwestern Linn County and Adjacent Parts of Benton, Iowa, and Johnson Counties, Iowa, Iowa Geological Survey Water Supply Bulletin Number 15, 1986.

Tables

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- 2 Monitoring Program Implementation Schedule
- 3 Monitoring Well Maintenance and Performance
Reevaluation Schedule
- 4A Monitoring Well Maintenance and Performance Summary
- 4B Vertical Gradients
- 5 Background Summary
- 6 Summary of Well/Detected Constituent Pairs with No
Immediately Preceding SSIs
- 7 Summary of Ongoing and Newly Identified SSIs
- 8 Historic UPL & Action Level Exceedances
- 9 Historic Prediction Limits and Groundwater Protection
Standards
- 10 Groundwater Quality Trend Summary
- 11 Surface Water and Leachate Well/Detected Constituent
Pairs
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Table 1
Monitoring Program Summary
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Monitoring Point	Formation*	Current Monitoring Program	Change for Next Sampling Event	UPL Exceedances	Total # of Samples in Each Monitoring Program Since January 1, 2018
					Routine
Sampled Monitoring Wells					
MW-2A	Shallow	Routine	NC	None	8
MW-3	Shallow	Routine	NC	Chloride, sulfate	8
MW-8	Intermediate Deep	Routine	NC	None	8
MW-9	Intermediate Deep	Routine	NC	Chloride, magnesium	8
MW-10	Deep	Routine	NC	Boron, chloride, magnesium sulfate	8
MW-11	Intermediate Deep	Routine	NC	Boron, chloride, iron, magnesium, manganese, sulfate	8
MW-12	Shallow	Routine	NC	Arsenic, barium, boron, manganese	8
MW-13	Deep	Routine	NC	Boron, chloride, magnesium, sulfate	8
MW-14	Intermediate Deep	Routine	NC	Abandoned in December 2022.	4
MW-15	Shallow	Routine	NC	Boron, chloride, magnesium, sulfate	8
MW-16	Shallow	Routine	NC	Arsenic, boron, magnesium, sulfate	8
MW-17	Intermediate Deep	Routine	NC	Iron, magnesium, manganese	8
MW-18	Deep	Routine	NC	Boron, chloride, magnesium, sulfate	8
MW-20	Deep	Routine	NC	Not sampled in September 2025**	3
MW-21	Shallow	Routine	NC	Arsenic, barium, chloride, magnesium, sulfate	8
MW-22	Intermediate Deep	Routine	NC	Barium, chloride, iron, magnesium, sulfate	8
MW-23	Deep	Routine	NC	Arsenic, barium, iron, lead, magnesium	8
MW-24	Deep	Routine	NC	Barium, chloride, iron, magnesium, manganese	8
MW-25	Shallow	Routine	NC	Barium	7
MW-26	Intermediate Deep	Routine	NC	Barium, chloride, iron	8
MW-27	Deep	Routine	NC	Not sampled in September 2025**	7
DPW-1	Abandoned in September 2021				
DPW-2	Abandoned in September 2021				

Table 1
Monitoring Program Summary
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Monitoring Point	Formation*	Current Monitoring Program	Change for Next Sampling Event	UPL Exceedances	Total # of Samples in Each Monitoring Program Since January 1, 2018
					Routine
Water Level Only Monitoring Wells					
MW-1	Shallow	Routine	NC	N/A	Water levels only
MW-7	Intermediate Deep	Routine	NC	N/A	Water levels only
MW-19	Intermediate Deep	Routine	NC	N/A	Water levels only
Leachate Monitoring Points					
LW-1	N/A	Routine	NC	N/A	Leachate level only
LW-2	N/A	Routine (Voluntary^)	NC	N/A	7
LW-3	N/A	Routine (Voluntary^)	NC	N/A	5
Surface Water Points					
SW-1	N/A	Routine	NC	N/A	5
SW-2	N/A	Routine	NC	N/A	5

NC = No Change

N/A = Not Applicable

*: Shallow wells are completed in shallow bedrock in the southern portion of the site, saturated fill, and shallow unconsolidated deposits near the creek. Intermediate Deep wells are completed in the Spring Grove limestone (southern portion of the site) and in the alluvium/bedrock contact near the creek (northern portion of the site). Deep wells are completed in the Kenwood Member of the Pinicon Ridge formation.

^: Samples are collected at LW-2 and LW-3 on a voluntary basis if these points are not dry during the September sampling event.

** : MW-20 is often not sampled due to insufficient water. MW-27 was not sampled in September 2025 due to insufficient recovery after purging.

Updated By: LH, 12/30/2025

Checked By: BLJ, 2/4/2026

Table 2
Monitoring Program Implementation Schedule
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Monitoring Point	Recent Sampling Event Dates and Constituents															Upcoming Sampling Dates and Constituents																			
	4/24-25/2018	9/21-24/2018	4/24/2019	9/18-19/2019	4/20/2020	9/8-15/2020	4/28/2021	9/14-22/2021	4/29/2022	9/13-15/2022	4/17/2023	9/6-7/2023	4/18/2024	9/10-11/2024	7/17/2025	9/2-4/2025	April 2026	September 2026																	
Sampled Monitoring Wells																																			
MW-2A	Groundwater Elevation	List A	Groundwater Elevation	List A	Groundwater Elevation	List A	Groundwater Elevation (plus List B at MW-13)	List A	Groundwater Elevation (plus List A at MW-20^^ and MW-25)	List A^^	Groundwater Elevation	List A	Groundwater Elevation	List A	Groundwater Elevation	List A	Groundwater Elevation	List A																	
MW-8																																			
MW-11																																			
MW-12																																			
MW-14																																			
MW-15																																			
MW-16																																			
MW-17																																			
MW-20																																			
MW-21																																			
MW-22																																			
MW-23																																			
MW-24																																			
MW-25																																			
MW-26																																			
MW-27																																			
DPW-1																			List A	List A	Not Sampled (Inaccessible)	Abandoned^	Abandoned^	Abandoned^	Abandoned^	Abandoned^	Abandoned^	Abandoned^	Abandoned^	Abandoned^	Abandoned^	Abandoned^	Abandoned^	Abandoned^	Abandoned^
DPW-2																																			
MW-3	List B	List B	List B*	List B	List B	List B	List B	List B	List B	List B	List B	List B	List B	List B	List B	List B	List B																		
MW-9																																			
MW-10																																			
MW-13																																			
MW-18																																			
Water Level Only Monitoring Wells																																			
MW-1	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation	Groundwater Elevation																	
MW-7																																			
MW-19																																			
Surface Water Monitoring Points																																			
SW-1	Surface Water Depth	List A	Surface Water Depth	List A	Surface Water Depth	List A**	Surface Water Depth	List A	Surface Water Depth	List A	Surface Water Depth	List A	Surface Water Depth	List A	Surface Water Depth	List A	Surface Water Depth	List A																	
SW-2																																			
Leachate Monitoring Points																																			
LW-1	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	Leachate Elevation	List C	Leachate Elevation	List C																	
LW-2	Leachate Elevation	List C***	Leachate Elevation	List C	Leachate Elevation	List C***	Leachate Elevation	List C***	Leachate Elevation	List C***	Leachate Elevation	List C***	Leachate Elevation	List C***	Leachate Elevation	List C	Leachate Elevation	List C																	
LW-3																																			

Notes:
List A: arsenic, barium, beryllium, boron, cobalt, iron, lead, magnesium, manganese, selenium, chloride, sulfate, field pH, field specific conductance, field temperature, and groundwater elevation. Metals are reported as total starting in 2016 (previously reported as dissolved). Copper and zinc removed from List A beginning in 2023.
List B: boron, magnesium, chloride, sulfate, TDS, TSS, field pH, field specific conductance, field temperature, groundwater elevation, and well depth.
List C: arsenic, boron, manganese, sulfate, field pH, field temperature, field specific conductance, leachate elevation, and well depth.
(1): Lists A, B, and C were revised in 2023 to include calcium, fluoride, lithium, molybdenum, TDS, TSS, field dissolved oxygen, and field oxidation potential. Recommendations for inclusion of additional parameters in future sampling events are summarized in the report text.

^: DPW-1 and DPW-2 were abandoned in September 2021. MW-14 was abandoned in December 2022.
^^: MW-20 could not be sampled in April 2022, August 2022, and September 2022 because the well did not recover sufficiently after purging. MW-14 could not be sampled in September 2022 as the well packer was stuck in the well and could not be removed.
*: MW-13, DPW-1, and DPW-2 were inaccessible in September 2020.
**: SW-1 and SW-2 surface water depth was not measured in September 2020 due to safety issues associated with high water levels.
***: LW-3 did not have sufficient volume present for field parameter collection in September 2018, 2020, or 2022. LW-1 did not have sufficient volume present for sample collection in September 2022, 2023, or 2024.

Updated By: LH, 12/30/2025
Checked By: BLJ, 2/4/2026

I:\25225065.00\Deliverables\2025 AWQR\Tables\2025_awqreport_Stoney Point_r1.xlsx]2 - Implementation Schedule

Table 3
Monitoring Well Maintenance and Performance Reevaluation Schedule
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Compliance with:	Monitoring Calendar Years							
	2019	2020	2021	2022	2023	2024	2025	2026
567 IAC 115.21(2)a. high and low water levels (biennial)	Completed		Completed		Completed		Completed	
567 IAC 115.21(2)b. changes in the hydrologic setting and flow paths (biennial)	Completed		Completed		Completed		Completed	
567 IAC 115.21(2)c. well depths (annual)*	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Scheduled
567 IAC 115.21(2)d. in-situ permeability tests (every 5 years)**	Not Applicable - Variance granted by IDNR (see comment below)							

Comments:

*: To avoid the potential for cross-contamination and increased sample turbidity associated with removing and re-installing dedicated pumps, well depths are not measured annually at wells with dedicated pumps.

** : A variance to IAC 567-110.9(2)(d) for in situ permeability tests every 5 years was granted by IDNR in a letter dated May 4, 1999. Although IAC 567-110 has been rescinded since the variance was granted, the same permeability test requirements are now in IAC 567-115.21(2), and our understanding is that the conditions of the variance still apply.

Updated: LH, 12/30/2025

Checked: BLJ, 2/4/2026

I:\25225065.00\Deliverables\2025 AWQR\Tables\[2025_awqreport_Stoney Point_r1.xlsx]3 - MW Main & Perform Schedule

Table 4A
Monitoring Well Maintenance and Performance Summary
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Top of Casing (ft MSL)	Screen Length (ft)	Top of Screen (ft MSL)	Total Depth (ft)	Date of Measurements		Maximum Depth	
						4/17/2025	9/2-4/2025	Discrepancy (ft)	
Shallow Hydrogeologic Unit Wells	MW-1	842.87	10	810.69	42.18	Groundwater Level (ft)	20.82	18.34	3.77
						Groundwater Elevation (Ft MSL)	822.05	824.53	
						Measured Well Depth (ft)	38.44	38.41	
						Submerged screen	Y	Y	
	MW-2A	838.74	10	816.23	32.51	Groundwater Level (ft)	15.02	14.05	0.45
						Groundwater Elevation (Ft MSL)	823.72	824.69	
						Measured Well Depth (ft)	32.06	32.06	
						Submerged screen	Y	Y	
	MW-3	827.00	10	808.86	28.14	Groundwater Level (ft)	11.46	11	0.77
						Groundwater Elevation (Ft MSL)	815.54	816.00	
						Measured Well Depth (ft)	27.37	27.55	
						Submerged screen	Y	Y	
	MW-12	801.51	10	783.32	28.19	Groundwater Level (ft)	12.46	12.38	N/A
						Groundwater Elevation (Ft MSL)	789.05	789.13	
						Measured Well Depth (ft)	--	--	
						Submerged screen	Y	Y	
	MW-15	799.63	10	786.48	23.15	Groundwater Level (ft)	7.79	7.64	N/A
						Groundwater Elevation (Ft MSL)	791.84	791.99	
						Measured Well Depth (ft)	--	--	
						Submerged screen	Y	Y	
	MW-16	805.10	10	791.85	23.25	Groundwater Level (ft)	9.83	8.66	1.05
						Groundwater Elevation (Ft MSL)	795.27	796.44	
						Measured Well Depth (ft)	22.2	22.21	
						Submerged screen	Y	Y	
MW-21	800.59	15	789.95	25.64	Groundwater Level (ft)	7.36	8.11	0.23	
					Groundwater Elevation (Ft MSL)	793.23	792.48		
					Measured Well Depth (ft)	25.42	25.41		
					Submerged screen	Y	Y		
MW-25	814.25	15	796.17	33.08	Groundwater Level (ft)	9.92	8.34	0.18	
					Groundwater Elevation (Ft MSL)	804.33	805.91		
					Measured Well Depth (ft)	32.9	32.92		
					Submerged screen	Y	Y		
Intermediate and Deep Hydrogeologic Unit Wells	MW-7	839.35	5	782.07	62.28	Groundwater Level (ft)	17.9	17.82	0.86
						Groundwater Elevation (Ft MSL)	821.45	821.53	
						Measured Well Depth (ft)	61.44	61.42	
						Submerged screen	Y	Y	
	MW-8	827.50	10	780.23	57.27	Groundwater Level (ft)	16.43	15.68	0.79
						Groundwater Elevation (Ft MSL)	811.07	811.82	
						Measured Well Depth (ft)	56.48	56.65	
						Submerged screen	Y	Y	
	MW-9	826.09	10	774.07	62.02	Groundwater Level (ft)	17.45	14.78	0.60
						Groundwater Elevation (Ft MSL)	808.64	811.31	
						Measured Well Depth (ft)	61.43	61.42	
						Submerged screen	Y	Y	
	MW-10	800.67	10	736.82	73.85	Groundwater Level (ft)	1.60	1.04	1.69
						Groundwater Elevation (Ft MSL)	799.07	799.63	
						Measured Well Depth (ft)	72.16	73.04	
						Submerged screen	Y	Y	

Table 4A
Monitoring Well Maintenance and Performance Summary
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Top of Casing (ft MSL)	Screen Length (ft)	Top of Screen (ft MSL)	Total Depth (ft)	Date of Measurements		Maximum Depth	
						4/17/2025	9/2-4/2025	Discrepancy (ft)	
Intermediate and Deep Hydrogeologic Unit Wells	MW-11	801.00	5	760.77	45.23	Groundwater Level (ft)	3.27	1.80	0.97
						Groundwater Elevation (Ft MSL)	797.73	799.20	
						Measured Well Depth (ft)	44.26	44.61	
						Submerged screen	Y	Y	
	MW-13	799.86	10	735.90	73.96	Groundwater Level (ft)	TOC	TOC	-0.92
						Groundwater Elevation (Ft MSL)	>799.86	>799.86	
						Measured Well Depth (ft)	74.88	73.65	
						Submerged screen	Y	Y	
	MW-17	804.99	10	761.42	53.57	Groundwater Level (ft)	TOC	TOC	2.57
						Groundwater Elevation (Ft MSL)	>804.99	>804.99	
						Measured Well Depth (ft)	51.54	51.00	
						Submerged screen	Y	Y	
	MW-18	804.94	10	740.68	74.26	Groundwater Level (ft)	0.40	TOC	0.46
						Groundwater Elevation (Ft MSL)	804.54	>804.94	
						Measured Well Depth (ft)	74.71	73.8	
						Submerged screen	Y	Y	
	MW-19	824.05	10	768.89	65.16	Groundwater Level (ft)	17.53	16.13	0.61
						Groundwater Elevation (Ft MSL)	806.52	807.92	
						Measured Well Depth (ft)	65.54	64.55	
Submerged screen						Y	Y		
MW-20	828.09	5	740.87	92.22	Groundwater Level (ft)	86.36	84.11	-0.93	
					Groundwater Elevation (Ft MSL)	741.73	743.98		
					Measured Well Depth (ft)	93.15	92.02		
					Submerged screen	Y	Y		
MW-22	800.49	5	758.89	46.60	Groundwater Level (ft)	TOC	TOC	0.46	
					Groundwater Elevation (Ft MSL)	>800.49	>800.49		
					Measured Well Depth (ft)	46.14	46.15		
					Submerged screen	Y	Y		
MW-23	800.34	5	734.65	70.69	Groundwater Level (ft)	10.89	7.00	0.25	
					Groundwater Elevation (Ft MSL)	789.45	793.34		
					Measured Well Depth (ft)	70.44	--		
					Submerged screen	Y	Y		
MW-24	826.96	5	740.62	91.34	Groundwater Level (ft)	17.31	16.92	N/A	
					Groundwater Elevation (Ft MSL)	809.65	810.04		
					Measured Well Depth (ft)	--	--		
					Submerged screen	Y	Y		
MW-26	814.71	5	763.86	55.85	Groundwater Level (ft)	13.61	12.87	-0.06	
					Groundwater Elevation (Ft MSL)	801.10	801.84		
					Measured Well Depth (ft)	55.91	55.91		
					Submerged screen	Y	Y		
MW-27	814.50	5	731.57	87.93	Groundwater Level (ft)	22.41	18.72	N/A	
					Groundwater Elevation (Ft MSL)	792.09	795.78		
					Measured Well Depth (ft)	--	--		
					Submerged screen	Y	Y		

Table 4A
Monitoring Well Maintenance and Performance Summary
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Top of Casing (ft MSL)	Screen Length (ft)	Top of Screen (ft MSL)	Total Depth (ft)		Date of Measurements		Maximum Depth
							4/17/2025	9/2-4/2025	Discrepancy (ft)
Leachate Monitoring Points	LW-01	834.18	5	821.13	18.05	Groundwater Level (ft)	17.30	17.29	0.20
						Leachate Elevation (Ft MSL)	816.88	816.89	
						Measured Well Depth (ft)	17.85	17.86	
						Submerged screen	N	N	
	LW-02	835.74	5	801.78	38.96	Groundwater Level (ft)	31.45	30.08	7.16
						Leachate Elevation (Ft MSL)	804.29	805.66	
						Measured Well Depth (ft)	31.80	38.56	
						Submerged screen	Y	Y	
	LW-03	838.46	5	823.71	19.75	Groundwater Level (ft)	17.94	17.45	0.14
						Leachate Elevation (Ft MSL)	820.52	821.01	
						Measured Well Depth (ft)	19.61	19.21	
						Submerged screen	N	N	
Surface Water Monitoring Points	SW-1	N/A	N/A	N/A	N/A	Surface Water Depth (ft)	DRY	0.50	N/A
	SW-2	N/A	N/A	N/A	N/A	Surface Water Depth (ft)	0.60	2.00	N/A

Notes:

TOC: Top of Casing . For water levels indicates that well was artesian and flowing during the sampling event.

*: MW-14 was obstructed during the April and September 2022 sampling events therefore a groundwater sample was not collected.

**:. Dedicated pumps were installed in the following wells in August 2023, which prevented subsequent total depth measurements: MW-12, MW-15, MW-24, MW-27. Total depth at MW-17 is measured after removing dedicated pump and before replacing packer.

Updated by: LH Date: 12/30/2025
Checked by: BLJ Date: 2/9/2026

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Table 4B
Vertical Gradients
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Well Pair			Vertical Hydraulic Gradient (feet/foot) ⁽¹⁾	
Shallow Well	Intermediate- Deep Well	Deep Well	4/17/2025	9/2-4/2025
MW-2A	--	MW-7	-0.064	-0.088
MW-3	MW-8	--	-0.140	-0.130
MW-3	--	MW-20	-1.072	-1.043
--	MW-8	MW-20	-1.881	-1.840
MW-12	MW-11	--	-0.379	-0.439
MW-12	--	MW-10	0.203	0.213
--	MW-11	MW-10	0.051	0.016
MW-15	--	MW-13 ⁽²⁾	-0.448	-0.466
MW-16	MW-17	--	0.274	NC ⁽³⁾
MW-16	--	MW-18 ⁽²⁾	0.175	NC ⁽³⁾
--	MW-17 ⁽²⁾	MW-18 ⁽²⁾	0.022	NC ⁽²⁾
MW-21	MW-22 ⁽²⁾	--	0.262	0.293
MW-21	--	MW-23	-0.073	0.017
--	MW-22 ⁽²⁾	MW-23	-0.455	-0.295
MW-25	MW-26	--	-0.103	-0.126
MW-25	--	MW-27	-0.192	-0.157
--	MW-26	MW-27	-0.279	-0.188

Notes:

NC: Not Calculated

(1) A negative value indicates a downward gradient; a positive value indicates an upward gradient.

(2) Some wells at the site are at least intermittently artesian. If one well in a pair was artesian during a measurement event, the vertical gradient was calculated using the top of casing elevation for the artesian well. If both wells were artesian, the gradient was not calculated.

(3) MW-16 was found to be damaged in September 2025, including damage to the PVC casing that may affect the elevation measurement. Therefore vertical gradients involving MW-16 were not calculated for this event.

Updated: LH, 12/31/2025

Checked: BLJ, 1/22/2026

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Table 5
Background Summary
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Interwell Background								
Constituent	Units	Samples**	Detections**	UPL	Statistical Test	Action Level	Source	Other Standards
Shallow Hydrogeologic Unit - MW-2A								
Arsenic	µg/L	10	4	1.20	PL(NP)	10	MCL	--
Barium	µg/L	10	10	281	PL(P)	2,000	MCL	--
Beryllium	µg/L	10	3	0.430	PL(NP)	4	MCL	--
Boron	µg/L	10	10	295	PL(P)	6,000	SWS	--
Calcium	mg/L	3	3	N/A	N/A	none	--	--
Chloride	mg/L	29	29	10.1	PL(P)	none	--	SMCL 250
Cobalt	µg/L	10	7	8.59	PL(P)	8.59	Background	SWS 2.1
Field pH	SU	10	10	N/A	N/A	none	--	SMCL <6.5 or >8.5
Field Oxidation Potential	mV	3	3	N/A	N/A	none	--	--
Field Specific Conductance	µmhos/ cm	10	10	N/A	N/A	none	--	--
Field Temperature	deg C	10	10	N/A	N/A	none	--	--
Fluoride	mg/L	3	0	N/A	N/A	4.00	MCL	SMCL 2
Dissolved Oxygen	mg/L	3	3	N/A	N/A	none	--	--
Iron	µg/L	10	9	20,900	PL(P)	none	SMCL	SMCL 300
Lead	µg/L	10	8	26.2	PL(P)	15	SWS	--
Lithium	µg/L	3	3	N/A	N/A	14	SWS	--
Magnesium	µg/L	10	10	35,000	PL(P)	none	--	--
Manganese	µg/L	10	10	1,370	PL(P)	1,370	Background	SWS 300, SMCL 50
Molybdenum	µg/L	3	3	N/A	N/A	40	SWS	--
Selenium	µg/L	10	7	3.64	PL(P)	50	MCL	--
Sulfate	mg/L	27	27	53.3	PL(P)	none	--	SMCL 250
Total Dissolved Solids	mg/L	3	3	N/A	N/A	none	--	SMCL 500
Total Suspended Solids	mg/L	3	3	N/A	N/A	none	--	--

Table 5
Background Summary
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Interwell Background								
Constituent	Units	Samples**	Detections**	UPL	Statistical Test	Action Level	Source	Other Standards
Deep Hydrogeologic Unit - MW-8								
Arsenic	µg/L	10	3	0.880	PL(NP)	10	MCL	--
Barium	µg/L	10	10	98.5	PL(P)	2,000	MCL	--
Beryllium	µg/L	10	0	DQ	DQ	4	MCL	--
Boron	µg/L	10	10	1,880	PL(P)	6,000	SWS	--
Calcium	mg/L	3	3	N/A	N/A	none	--	--
Chloride	mg/L	39	26	13.0	PL(NP)	none	--	SMCL 250
Cobalt	µg/L	10	9	0.756	PL(P)	2.1	SWS	--
Field pH	SU	10	10	N/A	N/A	none	--	SMCL <6.5 or >8.5
Field Oxidation Potential	mV	3	3	N/A	N/A	none	--	--
Field Specific Conductance	µmhos/cm	10	10	N/A	N/A	none	--	--
Field Temperature	deg C	10	10	N/A	N/A	none	--	--
Fluoride	mg/L	3	1	N/A	N/A	4.00	MCL	SMCL 2
Dissolved Oxygen	mg/L	3	3	N/A	N/A	none	--	--
Iron	µg/L	10	10	113	PL(P)	none	SMCL	SMCL 300
Lead	µg/L	10	6	0.794	PL(P)	15	SWS	--
Lithium	µg/L	3	3	N/A	N/A	14	SWS	--
Magnesium	µg/L	10	10	23,000	PL(P)	none	--	--
Manganese	µg/L	10	10	139	PL(P)	300	SWS	SWS 300, SMCL 50
Molybdenum	µg/L	3	3	N/A	N/A	40	SWS	--
Selenium	µg/L	10	0	DQ	DQ	50	MCL	--
Sulfate	mg/L	27	27	91.9	PL(P)	none	--	SMCL 250
Total Dissolved Solids	mg/L	3	3	N/A	N/A	none	--	SMCL 500
Total Suspended Solids	mg/L	3	3	N/A	N/A	none	--	--

PL(NP) = Prediction Limit (Non-Parametric)

PL(P) = Prediction Limit (Parametric)

SMCL = Secondary Maximum Contaminant Level

SWS = Iowa Statewide Standard for a Protected Groundwater Source (Health-Based)

µg/L = micrograms per liter

UPL = Upper Prediction Limit

DQ = Double Quantification Rule

MCL = Maximum Contaminant Level

mg/L = milligrams per liter

** : For all parameters except chloride and sulfate, these columns reflect the number of samples since unfiltered sample collection for metals began in 2016. Additional historical data are included for chloride and sulfate, which were reported as totals prior to 2016.

Updated by: LH, 12/31/2025

Checked by: BLJ, 2/4/2026

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Table 6
Summary of Well/Detected Constituent Pairs With No Immediately Preceding SSIs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Constituent	Units	Most Recent Result	UPL
Shallow Hydrogeologic Unit	MW-2A*	Barium	µg/L	87	281
		Boron	µg/L	140	295
		Calcium	mg/L	75	N/A
		Chloride	mg/L	10.0	10.1
		Field pH	SU	7.45	N/A
		Field Oxidation Potential	µg/L	50.6	N/A
		Field Specific Conductance	µmhos/ cm	616	N/A
		Field Temperature	deg C	16.2	N/A
		Dissolved Oxygen	µg/L	9.17	N/A
		Lithium	µg/L	6.5 J	N/A
		Magnesium	µg/L	12,000	35,000
		Manganese	µg/L	5.4 J	1370
		Molybdenum	µg/L	1.9 J	N/A
		Sulfate	mg/L	35	53.3
		Total Dissolved Solids	mg/L	360	N/A
		Total Suspended Solids	mg/L	2.3	N/A
	MW-3	Calcium	mg/L	140	N/A
		Field pH	SU	6.83	N/A
		Field Oxidation Potential	µg/L	178.6	N/A
		Field Specific Conductance	µmhos/ cm	868	N/A
		Field Temperature	deg C	14.0	N/A
		Dissolved Oxygen	µg/L	3.26	N/A
		Lithium	µg/L	3.9 J	N/A
		Magnesium	µg/L	7,200	35,000
		Total Dissolved Solids	mg/L	550	N/A
		Total Suspended Solids	mg/L	7	N/A

Table 6
Summary of Well/Detected Constituent Pairs With No Immediately Preceding SSIs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Constituent	Units	Most Recent Result	UPL
Shallow Hydrogeologic Unit	MW-12	Calcium	mg/L	110	N/A
		Chloride	mg/L	4.2 J	10.1
		Cobalt	µg/L	2.3	8.59
		Field pH	SU	7.12	N/A
		Field Oxidation Potential	µg/L	-144.0	N/A
		Field Specific Conductance	µmhos/ cm	770	N/A
		Field Temperature	deg C	15.8	N/A
		Fluoride	mg/L	0.42 J	N/A
		Dissolved Oxygen	µg/L	2.30	N/A
		Iron	µg/L	5,800	20,900
		Magnesium	µg/L	20,000	35,000
		Molybdenum	µg/L	2.9	N/A
		Sulfate	mg/L	13	53.3
		Total Dissolved Solids	mg/L	450	N/A
		Total Suspended Solids	mg/L	14.0	N/A
	MW-15	Arsenic	µg/L	0.78 J	1.2
		Barium	µg/L	20	281
		Calcium	mg/L	440	N/A
		Cobalt	µg/L	3.5	8.59
		Field pH	SU	6.80	N/A
		Field Oxidation Potential	µg/L	27.8	N/A
		Field Specific Conductance	µmhos/ cm	2,657	N/A
		Field Temperature	deg C	14.5	N/A
		Dissolved Oxygen	µg/L	3.47	N/A
		Iron	µg/L	400	20,900
		Lithium	µg/L	57	N/A
		Manganese	µg/L	940	1370
		Molybdenum	µg/L	6.0	N/A
		Total Dissolved Solids	mg/L	2400	N/A
		Total Suspended Solids	mg/L	1.6 J	N/A
	MW-16	Barium	µg/L	39	281
		Calcium	mg/L	230	N/A
		Chloride	mg/L	8	10.1
		Cobalt	µg/L	2.50	8.59
		Field pH	SU	6.68	N/A
		Field Oxidation Potential	µg/L	20.9	N/A
		Field Specific Conductance	µmhos/ cm	2,535	N/A
		Field Temperature	deg C	15.5	N/A
		Dissolved Oxygen	µg/L	0.02	N/A
		Iron	µg/L	520	20,900
		Lithium	µg/L	360	N/A
		Manganese	µg/L	410	1370
Molybdenum	µg/L	150	N/A		
Total Dissolved Solids	mg/L	2,100	N/A		
Total Suspended Solids	mg/L	2.9	N/A		

Table 6
Summary of Well/Detected Constituent Pairs With No Immediately Preceding SSIs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Constituent	Units	Most Recent Result	UPL
Shallow Hydrogeologic Unit	MW-21	Boron	µg/L	200	295
		Calcium	mg/L	150	N/A
		Cobalt	µg/L	0.86	8.59
		Field pH	SU	6.82	N/A
		Field Oxidation Potential	µg/L	-53.0	N/A
		Field Specific Conductance	µmhos/ cm	1010	N/A
		Field Temperature	deg C	15.4	N/A
		Dissolved Oxygen	µg/L	1.32	N/A
		Iron	µg/L	15,000	20,900
		Lead	µg/L	0.62	26.2
		Lithium	µg/L	5.1 J	N/A
		Manganese	µg/L	410	1370
		Molybdenum	µg/L	1.4 J	N/A
		Total Dissolved Solids	mg/L	710	N/A
		Total Suspended Solids	mg/L	50	N/A
	MW-25	Arsenic	µg/L	0.64 J	1.2
		Calcium	mg/L	100	N/A
		Chloride	mg/L	5.5	10.1
		Cobalt	µg/L	0.34 J	8.59
		Field pH	SU	7.22	N/A
		Field Oxidation Potential	µg/L	265	N/A
		Field Specific Conductance	µmhos/ cm	2,647	N/A
		Field Temperature	deg C	13.9	N/A
		Dissolved Oxygen	µg/L	5.32	N/A
		Iron	µg/L	230 F1	20,900
		Lead	µg/L	0.39 J	26.2
		Lithium	µg/L	3.4 J	N/A
		Magnesium	µg/L	20,000	35,000
		Manganese	µg/L	200	1370
		Molybdenum	µg/L	1.4 J	N/A
		Sulfate	mg/L	23	53.3
		Total Dissolved Solids	mg/L	400	N/A
		Total Suspended Solids	mg/L	8.6	N/A

Table 6
Summary of Well/Detected Constituent Pairs With No Immediately Preceding SSIs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Constituent	Units	Most Recent Result	UPL
Deep Hydrogeologic Unit	MW-8*	Barium	µg/L	74	98.50
		Boron	µg/L	350	1,880
		Calcium	mg/L	59	N/A
		Chloride	mg/L	2.8 J	13
		Cobalt	µg/L	0.29 J	0.76
		Field pH	SU	7.14	N/A
		Field Oxidation Potential	µg/L	206.3	N/A
		Field Temperature	deg C	14.5	N/A
		Field Specific Conductance	µmhos/ cm	547	N/A
		Fluoride	mg/L	0.38 J	N/A
		Dissolved Oxygen	µg/L	4.42	N/A
		Iron	µg/L	85 J	113
		Lithium	µg/L	8.5 J	N/A
		Magnesium	µg/L	18,000	23,000
		Manganese	µg/L	50	139
		Molybdenum	µg/L	2.9	N/A
		Sulfate	mg/L	17	91.90
		Total Dissolved Solids	mg/L	280	N/A
		Total Suspended Solids	mg/L	6.1	N/A
		MW-9	Boron	µg/L	620
	Calcium		mg/L	83	N/A
	Field pH		SU	7.21	N/A
	Field Oxidation Potential		µg/L	272.6	N/A
	Field Specific Conductance		µmhos/ cm	810	N/A
	Field Temperature		deg C	16.2	N/A
	Dissolved Oxygen		µg/L	1.04	N/A
	Lithium		µg/L	9.3 J	N/A
	Sulfate		mg/L	52	91.90
	Total Dissolved Solids		mg/L	460	N/A
	Total Suspended Solids	mg/L	16.0	N/A	
	MW-10	Calcium	mg/L	250	N/A
		Field pH	SU	6.84	N/A
		Field Oxidation Potential	µg/L	-51.4	N/A
Field Specific Conductance		µmhos/ cm	2314	N/A	
Field Temperature		deg C	17.0	N/A	
Dissolved Oxygen		µg/L	0.29	N/A	
Lithium		µg/L	650	N/A	
Molybdenum		µg/L	92	N/A	
Total Dissolved Solids	mg/L	1,800	N/A		
Total Suspended Solids	mg/L	73	N/A		

Table 6
Summary of Well/Detected Constituent Pairs With No Immediately Preceding SSIs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Constituent	Units	Most Recent Result	UPL
Deep Hydrogeologic Unit	MW-11	Arsenic	µg/L	1.5 J	0.88
		Barium	µg/L	53	98.50
		Calcium	mg/L	270	N/A
		Field pH	SU	6.95	N/A
		Field Oxidation Potential	µg/L	-41.6	N/A
		Field Specific Conductance	µmhos/ cm	2106	N/A
		Field Temperature	deg C	15.5	N/A
		Dissolved Oxygen	µg/L	1.06	N/A
		Lead	µg/L	0.63	0.79
		Lithium	µg/L	290	N/A
		Molybdenum	µg/L	58	N/A
		Total Dissolved Solids	mg/L	1,600	N/A
		Total Suspended Solids	mg/L	43	N/A
		MW-13	Calcium	mg/L	270
	Field pH		SU	6.85	N/A
	Field Oxidation Potential		µg/L	-38.6	N/A
	Field Specific Conductance		µmhos/ cm	2,361	N/A
	Field Temperature		deg C	15.9	N/A
	Dissolved Oxygen		µg/L	0.51	N/A
	Lithium		µg/L	660	N/A
	Molybdenum		µg/L	190	N/A
	Total Dissolved Solids		mg/L	1,900	N/A
	Total Suspended Solids		mg/L	22	N/A
	MW-17	Barium	µg/L	52	98.50
		Boron	µg/L	1,000	1,880
		Calcium	mg/L	200	N/A
		Field pH	SU	7.13	N/A
		Field Oxidation Potential	µg/L	-110.9	N/A
		Field Specific Conductance	µmhos/ cm	1,448	N/A
		Field Temperature	deg C	14.1	N/A
		Dissolved Oxygen	µg/L	0.06	N/A
		Lithium	µg/L	21	N/A
		Molybdenum	µg/L	2.5	N/A
		Sulfate	mg/L	61	91.90
		Total Dissolved Solids	mg/L	1,100	N/A
	Total Suspended Solids	mg/L	6.6	N/A	

Table 6
Summary of Well/Detected Constituent Pairs With No Immediately Preceding SSIs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Constituent	Units	Most Recent Result	UPL
Deep Hydrogeologic Unit	MW-18	Calcium	mg/L	250	N/A
		Field pH	SU	6.93	N/A
		Field Oxidation Potential	µg/L	-62.8	N/A
		Field Specific Conductance	µmhos/ cm	2,177	N/A
		Field Temperature	deg C	12.1	N/A
		Dissolved Oxygen	µg/L	0.09	N/A
		Lithium	µg/L	500	N/A
		Molybdenum	µg/L	75	N/A
		Total Dissolved Solids	mg/L	1,800	N/A
		Total Suspended Solids	mg/L	5.7	N/A
	MW-22	Boron	µg/L	140	1,880
		Calcium	mg/L	140	N/A
		Field pH	SU	7.09	N/A
		Field Oxidation Potential	µg/L	-69.3	N/A
		Field Specific Conductance	µmhos/ cm	991	N/A
		Field Temperature	deg C	11.8	N/A
		Dissolved Oxygen	µg/L	0.01	N/A
		Lithium	µg/L	8.9 J	N/A
		Manganese	µg/L	130	139
		Total Dissolved Solids	mg/L	690	N/A
	Total Suspended Solids	mg/L	3.1	N/A	
	MW-23	Beryllium	µg/L	0.39 J	DQ
		Boron	µg/L	230	1,880
		Calcium	mg/L	90	N/A
		Chloride	mg/L	7.2	13
		Cobalt	µg/L	0.57	0.76
		Field pH	SU	7.67	N/A
		Field Oxidation Potential	µg/L	256.1	N/A
		Field Specific Conductance	µmhos/ cm	673.0	N/A
		Field Temperature	deg C	14.2	N/A
		Dissolved Oxygen	µg/L	8.11	N/A
		Lithium	µg/L	18	N/A
		Manganese	µg/L	71	139
		Molybdenum	µg/L	1.3 J	N/A
		Sulfate	mg/L	37	91.90
		Total Dissolved Solids	mg/L	380	N/A
Total Suspended Solids		mg/L	190	N/A	

Table 6
Summary of Well/Detected Constituent Pairs With No Immediately Preceding SSIs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Constituent	Units	Most Recent Result	UPL
Deep Hydrogeologic Unit	MW-24	Arsenic	µg/L	1.7 J	0.88
		Boron	µg/L	92 J	1,880
		Calcium	mg/L	69	N/A
		Field pH	SU	7.18	N/A
		Field Oxidation Potential	µg/L	-117.6	N/A
		Field Specific Conductance	µmhos/ cm	610	N/A
		Field Temperature	deg C	17.4	N/A
		Dissolved Oxygen	µg/L	1.92	N/A
		Sulfate	mg/L	26	91.90
		Total Dissolved Solids	mg/L	350	N/A
		Total Suspended Solids	mg/L	5.3	N/A
	MW-26	Calcium	mg/L	150	N/A
		Cobalt	µg/L	0.57	0.76
		Field pH	SU	6.4	N/A
		Field Oxidation Potential	µg/L	184.6	N/A
		Field Specific Conductance	µmhos/ cm	1,130	N/A
		Field Temperature	deg C	13.3	N/A
		Dissolved Oxygen	µg/L	2.17	N/A
		Lithium	µg/L	9.2 J	N/A
		Magnesium	µg/L	9,200	23,000
		Manganese	µg/L	5.2 J	139
		Molybdenum	µg/L	2.7	N/A
		Sulfate	mg/L	42	91.90
Total Dissolved Solids	mg/L	670	N/A		
Total Suspended Solids	mg/L	1.5 J	N/A		

µg/L = micrograms per liter
mg/L = milligrams per liter

Comments:

1. This table includes results for wells/constituents that did not exceed a UPL in 2025.
2. Results below the limit of quantitation (J flags) are estimated values and are not compared to the UPL or GWPS. They are included in this table regardless of whether the estimated value is higher or lower than the UPL.
3. Except for pH, field parameters do not have UPLs.
4. Calcium, fluoride, lithium, molybdenum, TDS, and TSS were added in 2023. UPLs cannot not yet be calculated for these parameters.

*: MW-2A and MW-8 are background wells. UPLs do not apply.

Updated by: LH, 12/30/2025
Checked by: BLJ, 2/3/2026

Table 7
Summary of Ongoing and Newly Identified SSIs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Constituent	Units	Most Recent Result	UPL	GWPS
Shallow Hydrogeologic Unit	MW-3	Chloride	mg/L	37	10.1	none
		Sulfate	mg/L	100	53.3	none
	MW-12	Arsenic	µg/L	21.0	1.2	10
		Barium	µg/L	300	281	2,000
		Boron	µg/L	540	295	6,000
	MW-15	Manganese	µg/L	2,200	1,370	1,370
		Boron	µg/L	14,000	295	6,000
		Chloride	mg/L	25	10.1	none
		Lithium	µg/L	57	N/A	14
		Magnesium	µg/L	67,000	35,000	none
	MW-16	Sulfate	mg/L	1,300	53.3	none
		Arsenic	µg/L	4	1.2	10
		Boron	µg/L	30,000	295	6,000
		Lithium	µg/L	360	N/A	14
		Magnesium	µg/L	53,000	35,000	none
		Molybdenum	µg/L	150	N/A	40
	MW-21	Sulfate	mg/L	960	53.3	none
		Arsenic	µg/L	40	1.2	10
		Barium	µg/L	400	281	2,000
		Chloride	mg/L	19	10.1	none
Magnesium		µg/L	39,000	35,000	none	
MW-25	Sulfate	mg/L	170	53.3	none	
	Barium	µg/L	300	281	2,000	
Deep Hydrogeologic Unit	MW-9	Chloride	mg/L	69	13	none
		Magnesium	µg/L	23,000	23,000	none
	MW-10	Boron	µg/L	9,100	1,880	6,000
		Chloride	mg/L	25	13	none
		Lithium	µg/L	650	N/A	14
		Magnesium	µg/L	72,000	23,000	none
		Molybdenum	µg/L	92	N/A	40
	MW-11	Sulfate	mg/L	1,100	91.9	none
		Boron	µg/L	6,400	1,880	6,000
		Chloride	mg/L	23	13	none
		Iron	µg/L	5600	113	none
		Lithium	µg/L	290	N/A	14
		Magnesium	µg/L	70,000	23,000	none
		Manganese	µg/L	240	139	300
		Molybdenum	µg/L	58	N/A	40
	MW-13	Sulfate	mg/L	750	91.9	none
		Boron	µg/L	11,000	1,880	6,000
		Chloride	mg/L	24	13	none
		Lithium	µg/L	660	N/A	14
		Magnesium	µg/L	76,000	23,000	none
MW-17	Molybdenum	µg/L	190	N/A	40	
	Sulfate	mg/L	860	91.9	none	
	Iron	µg/L	2,000	113	none	
	Lithium	µg/L	21	N/A	14	
	MW-17	Magnesium	µg/L	53,000	23,000	none
		Manganese	µg/L	230	139	300

Table 7
Summary of Ongoing and Newly Identified SSIs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Well	Constituent	Units	Most Recent Result	UPL	GWPS
Deep Hydrogeologic Unit	MW-18	Boron	µg/L	8,700	1,880	6,000
		Chloride	mg/L	26	13	none
		Lithium	µg/L	500	N/A	14
		Magnesium	µg/L	68,000	23,000	none
		Molybdenum	µg/L	75	N/A	40
		Sulfate	mg/L	820	91.9	none
	MW-22	Barium	µg/L	180	98.5	2,000
		Chloride	mg/L	37	13	none
		Iron	µg/L	1200	113	none
		Magnesium	µg/L	34,000	23,000	none
		Sulfate	mg/L	180	91.9	none
	MW-23	Arsenic	µg/L	2.1	0.88	10
		Barium	µg/L	190	98.5	2,000
		Iron	µg/L	2500	113	none
		Lead	µg/L	6.8	0.794	15
		Lithium	µg/L	18	N/A	14
		Magnesium	µg/L	29,000	23,000	none
	MW-24	Barium	µg/L	290	98.5	2,000
		Chloride	mg/L	30	13	none
		Iron	µg/L	2,600	113	none
		Magnesium	µg/L	26,000	23,000	none
		Manganese	µg/L	360	139	300
	MW-26	Barium	µg/L	120	98.5	2,000
Chloride		mg/L	130	13	none	
Iron		µg/L	270	113	none	

µg/L - micrograms per liter
UPL - Upper Prediction Limit

mg/L - milligrams per liter
GWPS - Groundwater Protection Standard

Comments:

Updated by: LH, 12/31/2025
Checked by: BLJ, 2/4/2026

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Table 8
Historic UPL & Action Level Exceedances
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Key: gray =UPL; black =action level (GWPS)		2016	2017	2018	2019 ⁽¹⁾	2020	2021	2022	2023	2024	2025	
Well	Constituent											
Shallow Hydrogeologic Unit	MW-3	Chloride										
		Sulfate										
	MW-12	Arsenic										
		Barium										
		Boron										
		Cobalt										
		Iron										
		Manganese										
		Sulfate										
	MW-15	Arsenic										
		Boron										
		Chloride										
		Cobalt										
		Iron										
		Lithium ⁽⁴⁾										
		Magnesium										
		Manganese										
	Sulfate											
	MW-16	Arsenic										
		Boron										
		Chloride										
		Cobalt										
		Lithium ⁽⁴⁾										
		Magnesium										
		Manganese										
		Molybdenum ⁽⁴⁾										
	Sulfate											
	MW-21	Arsenic										
		Barium										
		Boron										
		Chloride										
		Iron										
		Magnesium										
	Sulfate											
	MW-25	Arsenic						Sampled				
		Barium						April				
		Manganese						2022*^				

Table 8
Historic UPL & Action Level Exceedances
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Key: gray =UPL; black =action level (GWPS)		2016	2017	2018	2019 ⁽¹⁾	2020	2021	2022	2023	2024	2025
Well	Constituent										
Deep Hydrogeologic Unit	MW-9	Boron									
		Chloride									
		Lithium ⁽⁴⁾									
		Magnesium									
	MW-10	Boron									
		Chloride									
		Lithium ⁽⁴⁾									
		Magnesium									
		Molybdenum ⁽⁴⁾									
		Sulfate									
	MW-11	Arsenic									
		Boron									
		Chloride									
		Iron									
		Lithium ⁽⁴⁾									
		Magnesium									
		Manganese									
		Molybdenum ⁽⁴⁾									
	Sulfate										
	MW-13	Boron					(2)				
		Chloride					(2)				
		Lithium ⁽⁴⁾									
		Magnesium					(2)				
		Molybdenum ⁽⁴⁾									
		Sulfate					(2)				
	MW-14*	Boron									
		Chloride									
		Iron									
Magnesium											
Manganese											
Sulfate											
								No Sample ***	Abandoned ***		

Table 8
Historic UPL & Action Level Exceedances
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Key: gray =UPL; black =action level (GWPS)		2016	2017	2018	2019 ⁽¹⁾	2020	2021	2022	2023	2024	2025	
Well	Constituent											
Deep Hydrogeologic Unit (continued)	MW-17	Boron										
		Chloride										
		Cobalt										
		Iron										
		Lead										
		Lithium ⁽⁴⁾										
		Magnesium										
		Manganese										
		Sulfate										
	MW-18	Boron										
		Chloride										
		Lithium ⁽⁴⁾										
		Magnesium										
		Molybdenum ⁽⁴⁾										
		Sulfate										
	MW-20	Arsenic										
		Barium										
		Boron										
		Chloride										
		Cobalt										
		Copper										
		Iron										
		Lead										
		Magnesium										
		Manganese										
		Sulfate										
		Zinc										
								No Sample*	No Sample**	No Sample**	No Sample**	No Sample**

Table 8
Historic UPL & Action Level Exceedances
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Key: gray =UPL; black =action level (GWPS)		2016	2017	2018	2019 ⁽¹⁾	2020	2021	2022	2023	2024	2025	
Well	Constituent											
Deep Hydrogeologic Unit	MW-22	Arsenic										
		Barium										
		Beryllium										
		Chloride										
		Cobalt										
		Copper								(3)	(3)	(3)
		Iron										
		Lead										
		Magnesium										
		Manganese										
		Sulfate										
		Zinc									(3)	(3)
	MW-23	Arsenic										
		Barium										
		Chloride										
		Iron										
		Lead										
		Lithium ⁽⁴⁾										
		Magnesium										
	Sulfate											
	MW-24	Barium										
		Chloride										
		Cobalt										
		Iron										
		Lead										
		Magnesium										
	Manganese											
	MW-26	Barium										
		Iron										
		Chloride										
	MW-27	Arsenic										No Sample **
		Barium										
		Cobalt										
		Iron										
		Lead										
		Magnesium										
Manganese												

UPL = Upper Prediction Limit

GWPS = Groundwater Protection Standard

Comments/Notes:

- 1: UPLs were calculated annually beginning in 2019 when at least four sampling events with unfiltered (total) data. UPLs are only applied to results in this table for 2019 and later.
- 2: MW-13 was obstructed during the September 2020 sampling event. Exceedances summarized here reflect the sample collected in April 2021 to make up for the missed sample in September 2020.
- 3: Beginning in 2023, copper and zinc were removed from the sampling program.
- 4: Lithium and molybdenum were added to the program in 2023.
- *: In September 2021, MW-20 and MW-25 did not contain sufficient water for sample collection. MW-14 was obstructed and was sampled on a separate October 28, 2021 mobilization. An attempt was made to sample both MW-20 and MW-25 in April 2022. MW-20 did not contain sufficient water for sample collection in April 2022 or during subsequent events.
- ^: MW-25 was sampled in April 2022. Arsenic and barium exceeded UPLs in this sample.
- ** : In 2022-2025, MW-20 did not contain sufficient water for sample collection. In 2025, MW-27 did not recover sufficiently following purging for sample collection.
- ***: In September 2022, MW-14 was obstructed and a sample couldn't be collected. MW-14 was abandoned in December 2022.

Table 9
Historic Prediction Limits and Groundwater Protection Standards
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

	Constituent	Units	UPL						GWPS							
			2019	2020	2021	2022	2023	2024	2025	2019	2020	2021	2022	2023	2024	2025
Shallow Hydrogeologic Unit	Arsenic	µg/L	3.56	2.52	1.2	1.2	1.2	1.2	1.2	10	10	10	10	10	10	10
	Barium	µg/L	556	432	340	311	281	281	281	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	Beryllium	µg/L	DQ	DQ	DQ	DQ	0.43	0.43	0.43	4	4	4	4	4	4	4
	Boron	µg/L	421	390	322	316	295	295	295	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	Chloride	mg/L	10.4	10.2	10.2	10.1	10.1	10.1	10.1	none	none	none	none	none	none	none
	Cobalt	µg/L	3.7	3.7	53.5	23.5	8.59	8.59	8.59	3.7	3.7	53.5	8.59	8.59	8.6	8.59
	Copper*	µg/L	23.1	17.5	13.3	11.6	N/A	N/A	N/A	1,300	1,300	1,300	1,300	1,300	1,300	NA
	Iron	µg/L	5,330	5,330	5,330	5,330	20,900	20,900	20,900	none	none	none	none	none	none	none
	Lead	µg/L	8.5	8.5	8.50	8.50	26.20	26.20	26.2	15	15	15	15	15	15	15
	Magnesium	µg/L	64,800	52,100	41,600	38,200	35,000	35,000	35,000	none	none	none	none	none	none	none
	Manganese	µg/L	464	464	6,580	2,720	1,370	1,370	1,370	464	464	6,580	1,370	1,370	1,370	1,370
	Selenium	µg/L	DQ	3.02	2.72	2.97	3.64	3.64	3.64	50	50	50	50	50	50	50
	Sulfate	mg/L	55	53.8	53.3	53.5	53.3	53.3	53.3	none	none	none	none	none	none	none
Zinc*	µg/L	50.3	37.3	29.3	26.2	N/A	N/A	N/A	2,000	2,000	2,000	2,000	2,000	2,000	NA	
Deep Hydrogeologic Unit	Arsenic	µg/L	0.75	2.17	0.88	0.88	0.88	0.880	0.88	10	10	10	10	10	10	10
	Barium	µg/L	99.5	97.0	92.7	91.3	98.5	98.5	98.5	2,000	2,000	2,000	2,000	2,000	2,000	2,000
	Beryllium	µg/L	DQ	DQ	DQ	DQ	DQ	DQ	DQ	4	4	4	4	4	4	4
	Boron	µg/L	4,010	2,960	2,350	2,050	1,880	1,880	1,880	6,000	6,000	6,000	6,000	6,000	6,000	6,000
	Chloride	µg/L	13	13.0	13.0	13.0	13.0	13.0	13	none	none	none	none	none	none	none
	Cobalt	mg/L	1.38	1.03	0.991	0.897	0.756	0.756	0.756	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	Copper*	µg/L	12.6	10.0	7.46	6.51	N/A	N/A	N/A	1,300	1,300	1,300	1,300	1,300	1,300	NA
	Iron	µg/L	208	172	138	124	113	113	113	none	none	none	none	none	none	none
	Lead	µg/L	1.62	1.35	1.02	0.894	0.794	0.794	0.794	15	15	15	15	15	15	15
	Magnesium	µg/L	27,300	26,600	24,600	23,700	23,000	23,000	23,000	none	none	none	none	none	none	none
	Manganese	µg/L	77.4	182	166	152	139	139	139	300	300	300	300	300	300	300
	Selenium	µg/L	DQ	DQ	DQ	DQ	DQ	DQ	DQ	50	50	50	50	50	50	50
	Sulfate	µg/L	96.3	94.2	94.1	93.3	91.9	91.9	91.9	none	none	none	none	none	none	none
Zinc*	mg/L	99.3	76.8	57.9	50.6	N/A	N/A	N/A	2,000	2,000	2,000	2,000	2,000	2,000	NA	

DQ = Double Quantification

UPL = Upper Prediction Limit

GWPS = Groundwater Protection Standard

* = Copper and zinc were removed from the sampling program in 2023.

Updated by: LH, 12/31/2025

Checked by: BLJ, 2/9/2026

I:\25225065.00\Deliverables\2025 AWQR\Tables\[2025_awqreport_Stoney Point_r1.xlsx]9 - UPL History and Graphs

Table 10
Groundwater Quality Trend Summary
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Well	Current GWPS Exceedances	Trend
MW-10	Boron	Significant decreasing trend
MW-11	Boron	No significant trend
MW-12	Arsenic	No significant trend
	Manganese	No significant trend
MW-13	Boron	No significant trend
MW-15	Boron	No significant trend
	Manganese	No significant trend
MW-16	Boron	No significant trend
MW-18	Boron	No significant trend
MW-21	Arsenic	No significant trend
MW-24	Manganese	Significant decreasing trend

Comments:

Only well/constituent pairs with GWPS exceedances and sufficient historical data for trend analysis (8 rounds) are included in this summary.

GWPS = Groundwater Protection Standard

Updated by: LH, 12/31/2025

Checked by: BLJ, 2/4/2026

I:\25225065.00\Deliverables\2025 AWQR\Tables\[2025_awqreport_Stoney Point_r1.xlsx]10 - Trend Summary

Table 11
Surface Water and Leachate Well/Detected Constituent Pairs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Monitoring Point	Constituent	Units	Most recent result	
Surface Water Samples				
	SW-1	Arsenic	µg/l	2.1
		Barium	µg/l	150
		Beryllium	µg/l	<0.33
		Boron	µg/l	680
		Calcium	mg/l	130
		Cobalt	µg/l	0.39 J
		Iron	µg/l	250
		Lead	µg/l	<0.33
		Lithium	µg/l	19
		Magnesium	µg/l	30,000
		Manganese	µg/l	510
		Molybdenum	µg/l	6.8
		Selenium	µg/l	<1.4
		Chloride	mg/l	120
		Fluoride	mg/l	<0.38
		Sulfate	mg/l	57
		Field pH	SU	7.63
		Field Specific Conductance	µmhos/cm	1,116
		Field Dissolved Oxygen	mg/l	7.60
	Field Temperature	deg C	19.7	
	Field Oxidation Potential	mV	134.8	
	Total Dissolved Solids	mg/l	620	
	Total Suspended Solids	mg/l	4.3 J	
SW-2		Arsenic	µg/l	2.0
		Barium	µg/l	140
		Beryllium	µg/l	<0.33
		Boron	µg/l	2900
		Calcium	mg/l	150
		Cobalt	µg/l	0.19 J
		Iron	µg/l	150
		Lead	µg/l	<0.33
		Lithium	µg/l	47
		Magnesium	µg/l	32000
		Manganese	µg/l	130
		Molybdenum	µg/l	26
		Selenium	µg/l	<1.4
		Chloride	mg/l	110
		Fluoride	mg/l	<0.38
		Sulfate	mg/l	160
		Field pH	SU	7.93
		Field Specific Conductance	µmhos/cm	1390
		Field Dissolved Oxygen	mg/l	8.32
		Field Temperature	deg C	22.0
	Field Oxidation Potential	mV	91.5	
	Total Dissolved Solids	mg/l	870	
	Total Suspended Solids	mg/l	2.8	

Table 11
Surface Water and Leachate Well/Detected Constituent Pairs
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Monitoring Point	Constituent	Units	Most recent result
Leachate Well Samples			
LW-01	Arsenic	µg/l	--
	Boron	µg/l	--
	Fluoride	mg/l	--
	Sulfate	mg/l	--
	Lithium	µg/l	--
	Manganese	µg/l	--
	Molybdenum	µg/l	--
	Field pH	SU	--
	Field Specific Conductance	µmhos/cm	--
	Field Dissolved Oxygen	mg/l	--
	Field Temperature	deg C	--
	Total Dissolved Solids	mg/l	--
	Total Suspended Solids	mg/l	--
	LW-02	Arsenic	µg/l
Boron		µg/l	13000
Fluoride		mg/l	<0.38
Sulfate		mg/l	500
Lithium		µg/l	500
Manganese		µg/l	210
Molybdenum		µg/l	110
Field pH		SU	7.59
Field Specific Conductance		µmhos/cm	1,786
Field Dissolved Oxygen		mg/l	2.17
Field Oxidation Potential		mV	87.0
Field Temperature		deg C	13.5
Total Dissolved Solids		mg/l	1,600
Total Suspended Solids		mg/l	16
LW-03	Arsenic	µg/l	53
	Boron	µg/l	3,200
	Fluoride	mg/l	<0.38
	Sulfate	mg/l	240
	Lithium	µg/l	100
	Manganese	µg/l	57
	Molybdenum	µg/l	29
	Field pH	SU	7.51
	Field Specific Conductance	µmhos/cm	937
	Field Dissolved Oxygen	mg/l	4.99
	Field Oxidation Potential	mV	75.4
	Field Temperature	deg C	13.2
	Total Dissolved Solids	mg/l	740
	Total Suspended Solids	mg/l	27

Notes:

In 2025, SW-1 liquid for sample collection.

µg/l = micrograms per liter
mg/l = milligrams per liter

SU = standard units
µmhos/cm = micromhos per centimeter

Updated by: LH, 12/31/2025
Checked by: BLJ, 2/4/2026

Table 12
Leachate Management Summary
2025 Annual Water Quality Report
Stoney Point Landfill
Permit No. 57-SDP-11-90C

Month	Measured Leachate Depth (ft)			Leachate Elevation (ft amsl)		
	LW-1	LW-2	LW-3	LW-1	LW-2	LW-3
Apr-25	1.00	7.55	1.86	816.88	804.29	820.52
Sep-25	1.01	8.92	2.35	816.89	805.66	821.01

Updated by: LH, 12/31/2025
Checked by: BLJ, 2/9/2026

I:\25225065.00\Deliverables\2025 AWQR\Tables\[2025_awqreport_Stoney Point_r1.xlsx]12 - Leachate Summary

Figures

- 1 Site Location Map
- 2 Monitoring Well Locations
- 3 Shallow Groundwater Conditions Map (April 17, 2025)
- 4 Water Table Contour Map (September 2-4, 2025)
- 5 Intermediate Potentiometric Groundwater Surface Contour Map (April 17, 2025)
- 6 Intermediate Potentiometric Groundwater Surface Contour Map (September 2-4, 2025)
- 7 Deep Potentiometric Groundwater Surface Contour Map (April 17, 2025)
- 8 Deep Potentiometric Groundwater Surface Contour Map (September 2-4, 2025)

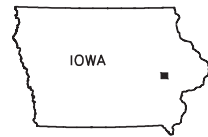


SITE LOCATION

Cedar Hills



CEDAR RAPIDS SOUTH QUADRANGLE
 IOWA-LINN CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)
 2015
 SCALE: 1" = 2,000'



CLIENT	ALLIANT ENERGY	INTERSTATE POWER AND LIGHT	SITE	STONEY POINT LANDFILL CEDAR RAPIDS, IOWA	ENGINEER	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	SITE LOCATION MAP	FIGURE	1
	PROJECT NO.	25216065.00		DRAWN BY:					
	DRAWN:	10/28/16	CHECKED BY:	MDB					
	REVISED:	10/28/16	APPROVED BY:	TK 11/20/2017					



- LEGEND
- APPROXIMATE LIMITS OF ASH DISPOSAL
 - ⊕ MONITORING WELL
 - ⊕ DEEP MONITORING WELL
 - ✕ LEACHATE HEAD WELL
 - ⓪ SURFACE WATER MONITORING STAFF GAUGE
 - DRIVE POINT WELL (ABANDONED)
 - ⊕ DEEP MONITORING WELL (ABANDONED)

PROJECT NO.	25222065.00	DRAWN BY:	AHB
DRAWN:	09/23/2022	CHECKED BY:	MDB
REVISED:	10/24/2023	APPROVED BY:	MDB 11/30/2023

ENGINEER

SCS ENGINEERS
 2830 DAIRY DRIVE MADISON, WI 53718-6751
 PHONE: (608) 224-2830

CLIENT

ALLIANT ENERGY INTERSTATE POWER AND LIGHT

SITE

STONEY POINT LANDFILL
 CEDAR RAPIDS, IOWA

MONITORING WELL LOCATIONS

FIGURE
 2

I:\25222065.00\Drawings\Monitoring Wells.dwg, 10/24/2023 1:17:50 PM

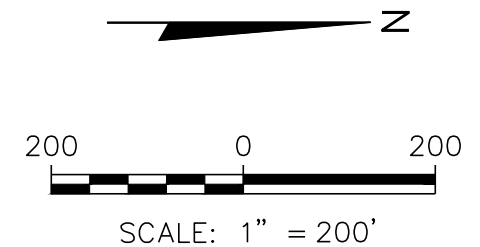


LEGEND

- APPROXIMATE LIMITS OF ASH DISPOSAL
- ⊕ MONITORING WELL
- ⊕ (with dot) PIEZOMETER
- ✕ LEACHATE HEAD WELL
- Ⓢ SURFACE WATER MONITORING STAFF GAUGE
- 823.72** WATER TABLE ELEVATION
- [820.52]** LEACHATE WELL WATER ELEVATION
- WATER TABLE CONTOUR LINE
5-FOOT CONTOUR INTERVAL
(DASHED WHERE INFERRED)
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- UNNAMED INTERMITTENT STREAM

NOTES:

1. MONITORING WELL LOCATIONS ARE APPROXIMATE.
2. WATER LEVELS MEASURED ON APRIL 17, 2025.



PROJECT NO.	25225065.00	DRAWN BY:	SB/RVG	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	ALLIANT ENERGY INTERSTATE POWER AND LIGHT	SITE STONEY POINT LANDFILL CEDAR RAPIDS, IOWA	WATER TABLE CONTOUR MAP APRIL 17, 2025	FIGURE
DRAWN:	04/29/2025	CHECKED BY:	NLB					3
REVISED:	04/28/2026	APPROVED BY:	MDB 05/12/2026					

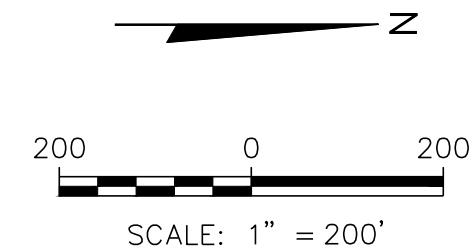


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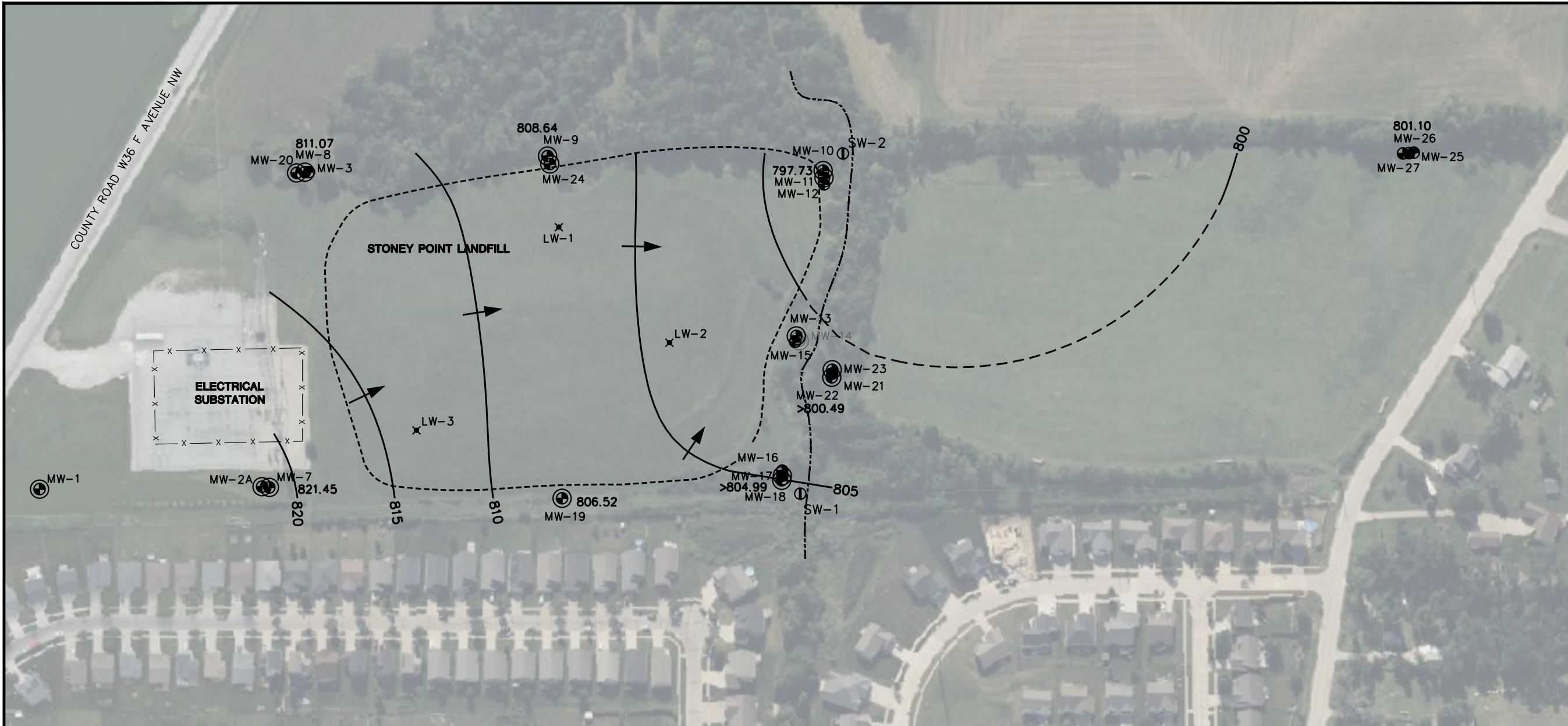
-----	APPROXIMATE LIMITS OF ASH DISPOSAL	-----	WATER TABLE CONTOUR LINE 5-FOOT CONTOUR INTERVAL (DASHED WHERE INFERRED)
⊕	MONITORING WELL	→	APPROXIMATE GROUNDWATER FLOW DIRECTION
⊕	PIEZOMETER	-----	UNNAMED INTERMITTENT STREAM
×	LEACHATE HEAD WELL		
⓪	SURFACE WATER MONITORING STAFF GAUGE		
823.72	WATER TABLE ELEVATION		
[820.52]	LEACHATE WELL WATER ELEVATION		

NOTES:

1. MONITORING WELL LOCATIONS ARE APPROXIMATE.
2. WATER LEVELS MEASURED ON SEPTEMBER 2-4, 2025.
3. MW-16 WAS DAMAGED AND NOT USED TO CONTOUR FOR SEPTEMBER 2025 EVENT.



PROJECT NO.	25225065.00	DRAWN BY:	RVG/SB	ENGINEER 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT INTERSTATE POWER AND LIGHT	SITE STONEY POINT LANDFILL CEDAR RAPIDS, IOWA	WATER TABLE CONTOUR MAP SEPTEMBER 2-4, 2025	FIGURE
DRAWN:	09/25/2025	CHECKED BY:	NLB					4
REVISED:	04/28/2026	APPROVED BY:	MDB 05/12/2026					

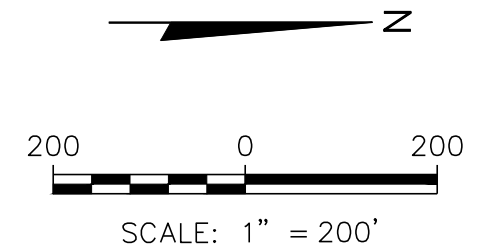


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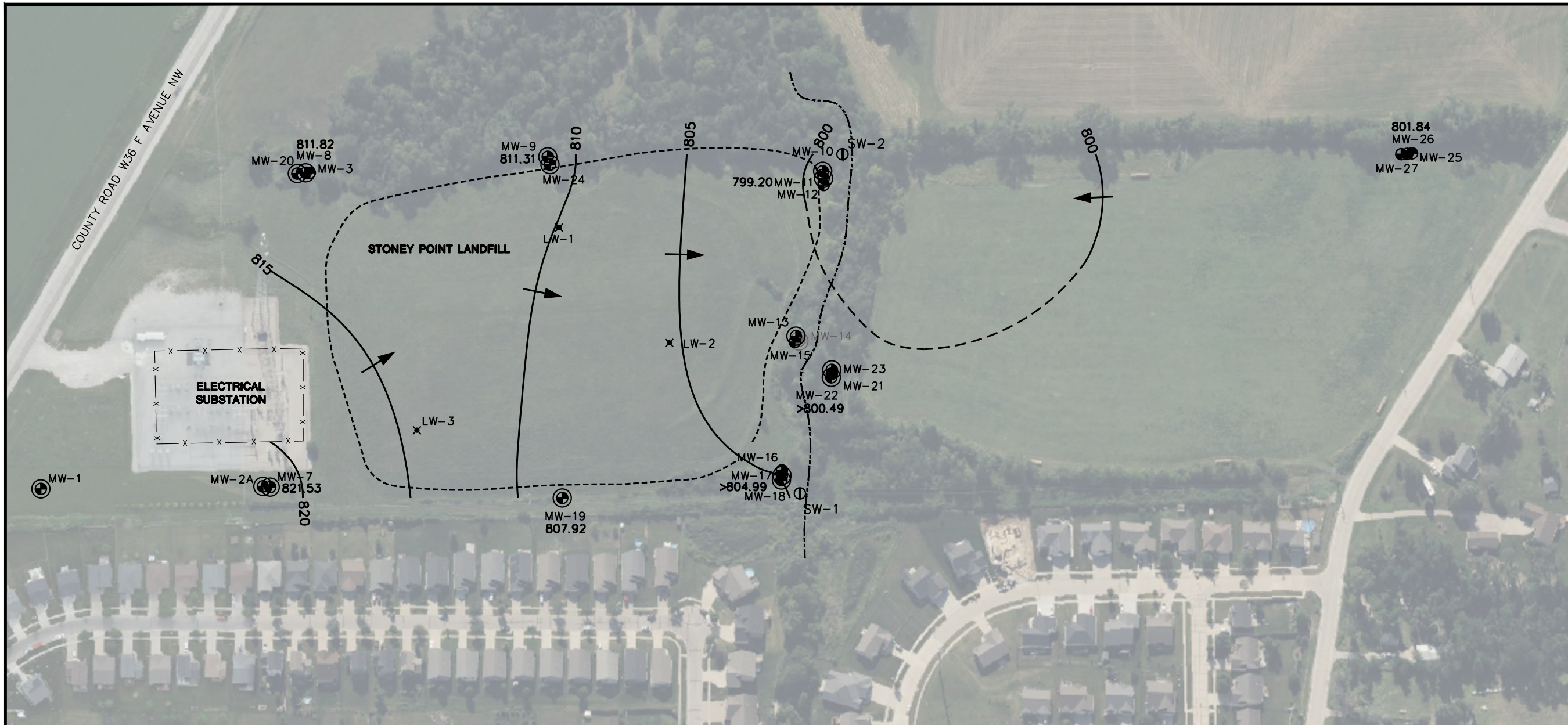
- APPROXIMATE LIMITS OF ASH DISPOSAL
- ⊕ MONITORING WELL
- ⊕⊕ PIEZOMETER
- ✕ LEACHATE HEAD WELL
- Ⓢ SURFACE WATER MONITORING STAFF GAUGE
- 821.45** POTENTIOMETRIC SURFACE ELEVATION
- POTENTIOMETRIC SURFACE GROUNDWATER CONTOUR LINE
2-FOOT CONTOUR INTERVAL
(DASHED WHERE INFERRED)
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- UNNAMED INTERMITTENT STREAM

NOTES:

1. MONITORING WELL LOCATIONS ARE APPROXIMATE.
2. WATER LEVELS MEASURED ON APRIL 17, 2025.



PROJECT NO.	25225065.00	DRAWN BY:	SB/RVG	ENGINEER	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	ALLIANT ENERGY INTERSTATE POWER AND LIGHT	SITE	STONEY POINT LANDFILL CEDAR RAPIDS, IOWA	INTERMEDIATE POTENTIOMETRIC GROUNDWATER SURFACE CONTOUR MAP APRIL 17, 2025	FIGURE
DRAWN:	04/29/2025	CHECKED BY:	NLB								5
REVISED:	04/28/2026	APPROVED BY:	MDB 05/12/2026								

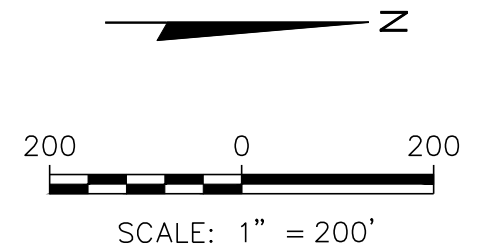


LEGEND

- APPROXIMATE LIMITS OF ASH DISPOSAL
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- ✕ LEACHATE HEAD WELL
- Ⓢ SURFACE WATER MONITORING STAFF GAUGE
- 821.45** POTENTIOMETRIC SURFACE ELEVATION
- POTENTIOMETRIC SURFACE GROUNDWATER CONTOUR LINE
2-FOOT CONTOUR INTERVAL
(DASHED WHERE INFERRED)
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- UNNAMED INTERMITTENT STREAM

NOTES:

1. MONITORING WELL LOCATIONS ARE APPROXIMATE.
2. WATER LEVELS MEASURED ON SEPTEMBER 2-4, 2025.



PROJECT NO.	25225065.00	DRAWN BY:	RVG/SB
DRAWN:	09/25/2025	CHECKED BY:	NLB
REVISED:	04/28/2026	APPROVED BY:	MDB 05/12/2026

ENGINEER

SCS ENGINEERS
2830 DAIRY DRIVE MADISON, WI 53718-6751
PHONE: (608) 224-2830

CLIENT

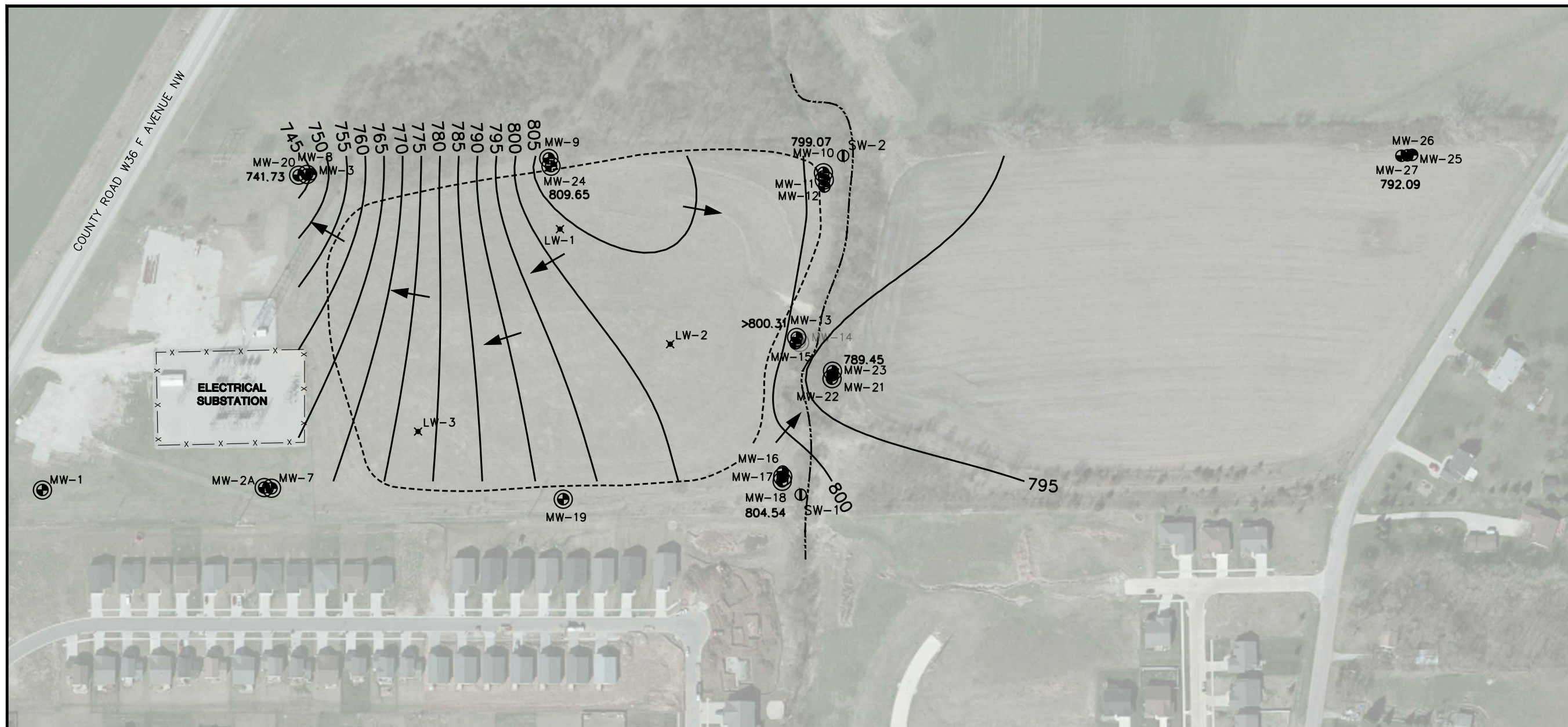
ALLIANT ENERGY INTERSTATE POWER AND LIGHT

SITE

STONEY POINT LANDFILL
CEDAR RAPIDS, IOWA

INTERMEDIATE POTENTIOMETRIC
GROUNDWATER SURFACE CONTOUR MAP
SEPTEMBER 2-4, 2025

FIGURE
6

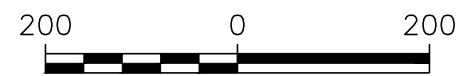


LEGEND

- APPROXIMATE LIMITS OF ASH DISPOSAL
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- ✕ LEACHATE HEAD WELL
- ⓪ SURFACE WATER MONITORING STAFF GAUGE
- 804.54 POTENTIOMETRIC SURFACE ELEVATION
- POTENTIOMETRIC SURFACE GROUNDWATER CONTOUR LINE
5-FOOT CONTOUR INTERVAL
(DASHED WHERE INFERRED)
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- UNNAMED INTERMITTENT STREAM

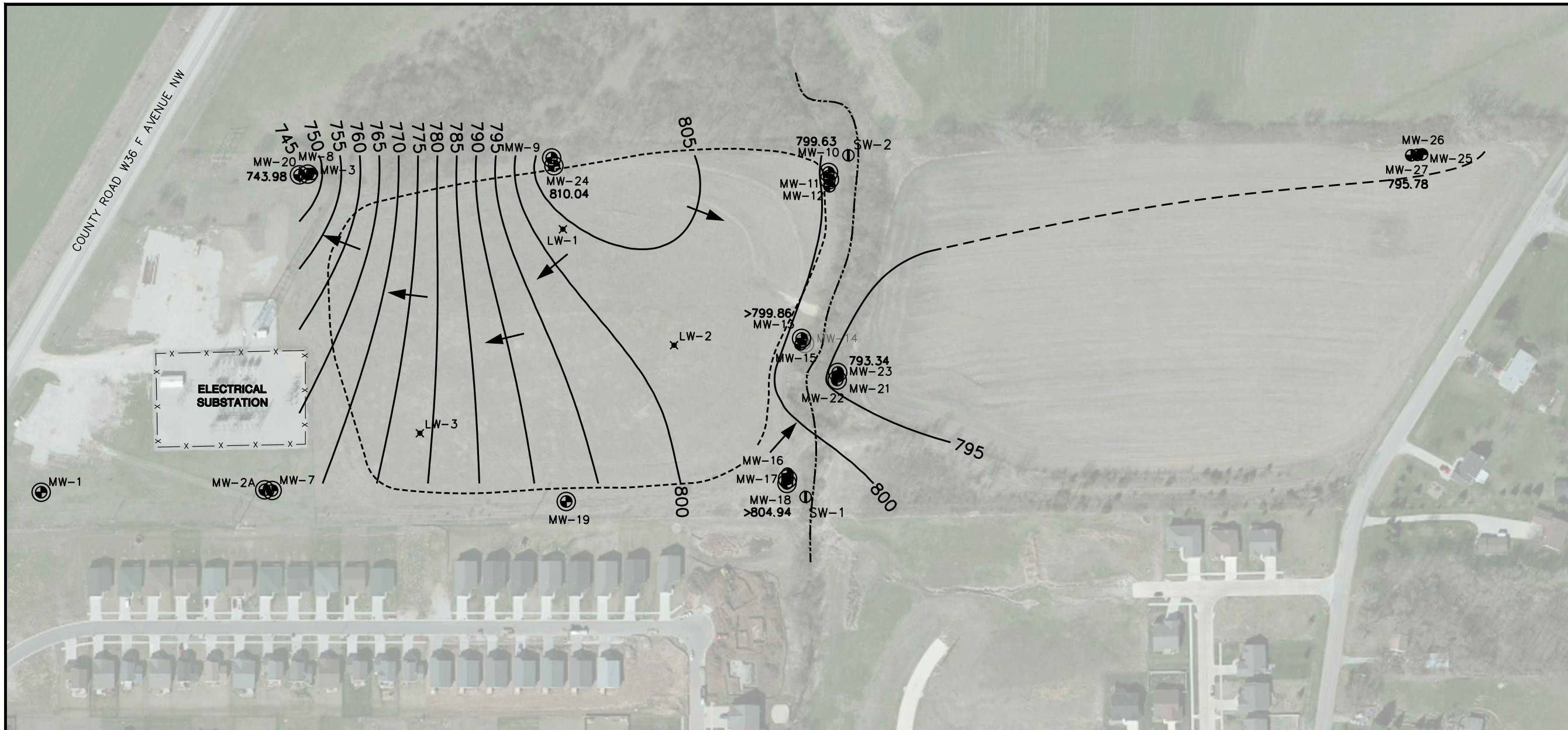
NOTES:

1. MONITORING WELL LOCATIONS ARE APPROXIMATE.
2. WATER LEVELS MEASURED ON APRIL 17, 2025.



SCALE: 1" = 200'

PROJECT NO. 25225065.00	DRAWN BY: SB/RVG	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT ALLIANT ENERGY INTERSTATE POWER AND LIGHT	SITE STONEY POINT LANDFILL CEDAR RAPIDS, IOWA	FIGURE DEEP POTENTIOMETRIC GROUNDWATER SURFACE CONTOUR MAP APRIL 17, 2025	FIGURE 7
DRAWN: 04/29/2025	CHECKED BY: NLB (05/09/2025)					
REVISED: 10/21/2025	APPROVED BY: MDB 05/12/2026					

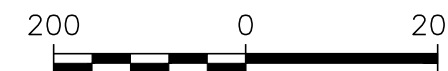


LEGEND

- APPROXIMATE LIMITS OF ASH DISPOSAL
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- ✕ LEACHATE HEAD WELL
- ① SURFACE WATER MONITORING STAFF GAUGE
- 804.54 POTENTIOMETRIC SURFACE ELEVATION
- POTENTIOMETRIC SURFACE GROUNDWATER CONTOUR LINE
5-FOOT CONTOUR INTERVAL
(DASHED WHERE INFERRED)
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- UNNAMED INTERMITTENT STREAM

NOTES:

1. MONITORING WELL LOCATIONS ARE APPROXIMATE.
2. WATER LEVELS MEASURED ON SEPTEMBER 2-4, 2025.



SCALE: 1" = 200'

PROJECT NO.	25225065.00	DRAWN BY:	RVG
DRAWN:	09/25/2025	CHECKED BY:	NLB (10/16/2025)
REVISED:	10/21/2025	APPROVED BY:	MDB 05/12/2026


SCS ENGINEERS
 2830 DAIRY DRIVE MADISON, WI 53718-6751
 PHONE: (608) 224-2830

CLIENT **ALLIANT ENERGY** INTERSTATE POWER AND LIGHT

SITE STONEY POINT LANDFILL
 CEDAR RAPIDS, IOWA

DEEP POTENTIOMETRIC GROUNDWATER
 SURFACE CONTOUR MAP
 SEPTEMBER 2-4, 2025

FIGURE
 8



Appendix A
Annual Inspection

SITE INSPECTION REPORT

Project: IPL – Stoney Point Closed Landfill Project #: 25216065
 Site: Stoney Point Closed Ash Landfill Permit number: 57-SDP-11-60C
 Date: 4/17/25 Prepared by: Michael Morgan
 Weather: cloudy with strong wind gusts On site/Off site: 1 p.m. 6 p.m.
 Personnel: Michael Morgan
 Equipment: Water level indicator, Levelate level indicator, Spinning & Hack Saws

Landfill Cover and Erosion Control (Provide description of cover condition, whether grass appears mowed, and any erosional features or other observed issues)

Photos Taken (check)

Notes: Landfill well covered with grass, early season (spring) grass is short. Erosion channel appears to be forming just north of MW-19. Some woody vegetation may be encroaching on grass cover near MW-19.

Primary Access Roads and Perimeter Fencing (Provide description of current road and perimeter fencing condition and if improvements are necessary) Photos Taken (check)

Draw/Note location of necessary improvements on the attached figure.

Notes: No issues noted with perimeter fencing, or access rd's around the site with the exception of the entering location from the gravel area (substation), to the landfill. Repeated vehicle exposure has left significant area of muddy ruts.

Groundwater and surface Water (Provide description of current monitoring points in need of improvements if necessary) Photos Taken (check)

Notes: vegetation obstructing wells may occur at the following locations as the vegetation grows over the next 6 months. MW-20, MW-8, MW-9, MW-24, MW-16 & MW-23. SW-2 → gauge had partially fallen over, wooden board is deteriorating and will require replacing.

Miscellaneous Notes: cut pvc pipe for wells MW-1 & MW-7 as both these wells couldn't close properly.
 MW-1 → cut 1/2 inch and fixed broken hinge of well lid.
 MW-7 → cut 1.5 inch

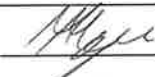


SITE INSPECTION REPORT

Communications with Onsite Personnel:

Jenny Coughlin upon arrival and departure via ~~an~~ text message

Signature:



SITE INSPECTION REPORT

Project: IPL – Stoney Point Closed Landfill **Project #:** 25223065
Site: Stoney Point Closed Ash Landfill **Permit number:** 57-SDP-11-60C
Date: 9/3/25 **Prepared by:** Michael Morgan
Weather: Cloudy, 65°F, Wind NW ~13 mph **On site/Off site:** 8:30 a.m. 7:00 p.m.
Personnel: Michael Morgan
Equipment: _____

Landfill Cover and Erosion Control (Provide description of cover condition, whether grass appears mowed, and any erosional features or other observed issues)
 Photos Taken (check)

Notes: Grass mowed. Erosion channel on east side of landfill near MW-19. Grass cover good with exception of erosion channel noted above.

Primary Access Roads and Perimeter Fencing (Provide description of current road and perimeter fencing condition and if improvements are necessary) Photos Taken (check)
Draw/Note location of necessary improvements on the attached figure.

Notes: Perimeter fence looks in good condition. Some vegetation build up on eastern perimeter fence (border residential homes). No issue with access points to site.

Groundwater and surface Water (Provide description of current monitoring points in need of improvements if necessary) Photos Taken (check)

Notes: SW-01 Staff gauge good condition
 SW-02 Staff gauge missing. Metal post staff gauge was attached to it still present.

Miscellaneous Notes:

Site inspection took place between 18:00 – 18:20




SITE INSPECTION REPORT

Communications with Onsite Personnel:

Jenny Coughlin via txt msg at arrival and
departure from site

Signature: _____

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Appendix B
Groundwater Sampling Field Sheets

Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-3		Date 9/4/25	
Sampling Personnel Garrett Horak			
Total Well Depth 27.55		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 11.00		Date/time pH Calibration Last Checked: 9/4/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 250 mL/min	
Water Color/Odor clear / none		Pump Start/Stop Time 16:00 /	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
16:05	11.10	14.8	7.42	6.92	930	125.9	353.96	
16:10	11.11	14.1	7.09	7.52	890	129.4	78.60	
16:15	11.02	13.9	7.02	7.45	848	174.0	53.63	
16:20	11.03	14.0	6.93	5.37	854	170.7	27.19	
16:25	11.03	13.9	6.89	4.12	862	170.1	20.07	
16:30	11.05	13.9	6.87	3.85	864	170.4	17.77	
16:35	11.02	14.0	6.85	3.45	866	172.8	12.23	
16:40	11.02	14.0	6.84	3.29	868	177.3	9.63	
16:45	11.03	14.0	6.83	3.26	868	178.6	9.21	Sample

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
 S:\1_Scientist Log Forms\LOG FORMS\Groundwater Sampling Log_v3.docx



Groundwater Sampling Log

Project No. 25225065.00	Site Stoney Point CL
Well No. MW-8	Date Purge 9/2/25 Sample 9/4/25
Sampling Personnel Garrett Horak, Michael Morgan	
Total Well Depth 56.65	pH/temp/cond/DO/ORP meter model & unit ID # Date/time pH Calibration Last Checked: 9/4/25 8:00am
Depth to Water 15.68 / 14.25	
Well Volume*	
Sampling Device: <u>Bladder Pump</u> Peristaltic Pump Other: _____	Pumping Rate: 375 mL/min
Water Color/Odor /	Pump Start/Stop Time 13:10 / 17:41
Temperature:	Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
17:12	15.00	14.5	7.14	4.42	547	206.3	15.21	Sample

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: Ran pump for 4.5 hours, bailed dry 9/2

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-9		Date 9/4/25	
Sampling Personnel Garrett Horak			
Total Well Depth 61.42		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 14.78		Date/time pH Calibration Last Checked: 9/4/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 300 mL/min	
Water Color/Odor clear / none		Pump Start/Stop Time 8:51 / 10:20	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
8:56	16.81	12.3	6.88	3.15	782	268.9	10.81	
9:01	18.10	12.1	7.01	1.65	770	277.2	13.60	
9:06	19.08	12.1	7.07	1.51	767	277.3	13.11	
9:11	19.60	12.4	7.12	1.46	766	276.7	11.78	
9:16	20.00	12.6	7.13	1.46	765	276.2	10.34	
9:21	20.02	12.9	7.17	1.42	765	276.0	9.58	
9:26	19.98	13.7	7.18	1.53	764	275.6	8.82	
9:31	19.99	14.3	7.19	1.59	767	276.1	8.98	
9:36	19.87	15.0	7.19	1.61	773	276.4	8.87	
9:41	20.01	14.1	7.21	1.19	780	277.0	11.91	
9:46	19.70	14.8	7.20	0.97	791	276.0	9.50	
9:51	19.56	15.4	7.21	1.00	808	275.3	9.39	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-9 cont.		Date 9/4/25	
Sampling Personnel Garrett Horak			
Total Well Depth 61.42		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 14.78		Date/time pH Calibration Last Checked: 9/4/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 300 mL/min	
Water Color/Odor clear / none		Pump Start/Stop Time 8:51 / 10:20	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
9:56	19.51	15.4	7.21	1.01	800	274.6	11.27	
10:01	19.49	16.0	7.21	1.13	802	273.9	14.49	
10:06	19.49	16.2	7.21	1.09	807	273.2	15.30	
10:11	19.51	16.2	7.21	1.04	810	272.6	14.07	Sample

Sample Bottles Collected: _____

Sample Date /Time: 10:20 9/4

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-11		Date 9/4/25	
Sampling Personnel Garrett Horak			
Total Well Depth 44.61		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 1.80		Date/time pH Calibration Last Checked: 9/4/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 200 mL/min	
Water Color/Odor brown / none		Pump Start/Stop Time 12:00 / 14:55	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
12:06	2.80	18.2	7.17	4.49	1908	261.7	405.15	
12:11	3.72	15.9	7.06	9.23	2004	62.1	274.60	
12:16	4.30	17.5	7.09	11.01	2015	68.5	253.83	
12:21	4.30	17.8	7.12	10.66	2026	75.1	200.89	
12:26	4.31	18.2	7.10	9.93	2028	64.9	147.93	
12:31	4.31	18.5	7.09	9.45	2029	52.6	113.70	
12:35	4.32	18.1	7.08	9.06	2027	45.6	95.98	
12:41	4.33	17.8	7.08	8.69	2024	38.7	80.19	
12:46	4.35	17.1	7.07	8.29	2026	34.3	72.60	
12:51	4.36	16.5	7.06	7.62	2025	24.4	63.01	
12:56	4.36	16.9	7.05	7.43	2031	23.9	54.79	
13:01	4.37	16.8	7.04	6.96	2040	19.4	53.87	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-11 continued		Date 9/4/25	
Sampling Personnel Garrett Horak			
Total Well Depth 44.61		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 1.80		Date/time pH Calibration Last Checked: 9/4/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 200 mL/min	
Water Color/Odor brown / none		Pump Start/Stop Time 12:00 / 14:55	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
13:06	4.40	16.6	7.04	6.25	2046	14.0	42.63	
13:11	4.42	16.4	7.03	5.89	2040	10.5	37.11	
13:16	4.49	16.3	7.03	5.53	2052	7.6	35.61	
13:21	4.52	16.0	7.01	3.93	2067	0.0	23.15	
13:26	4.53	16.1	7.00	2.59	2078	-9.1	14.09	
13:31	4.57	16.5	6.98	1.36	2100	-26.4	11.62	
13:36	4.60	16.5	6.98	1.19	2092	-31.1	12.72	
13:41	4.60	16.5	6.98	1.27	2101	-34.09	14.05	
13:46	4.60	16.3	6.98	1.02	2100	-37.5	10.77	
13:51	4.61	16.2	6.98	0.84	2101	-39.2	10.75	
13:56	4.62	16.8	6.97	0.67	2111	-43.1	12.22	
14:01	4.62	17.0	6.97	0.66	2112	-44.5	11.28	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-11 continued		Date 9/4/25	
Sampling Personnel Garrett Horak			
Total Well Depth 44.61		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 1.80		Date/time pH Calibration Last Checked: 9/4/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 200 mL/min	
Water Color/Odor brown / none		Pump Start/Stop Time 12:00 / 14:55	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
14:06	4.61	16.2	6.98	0.83	2107	-45.3	18.82	
14:11	4.62	15.9	6.98	0.96	2100	-44.5	23.88	
14:16	4.62	16.0	6.98	1.07	2099	-43.5	24.76	
14:21	4.62	15.7	6.98	1.16	2104	-42.1	27.83	
14:26	4.63	15.5	6.98	1.10	2100	-41.8	23.07	
14:31	4.63	15.5	6.95	1.06	2106	-41.6	30.07	

Sample Bottles Collected: _____

Sample Date /Time: Sample completed at 14:47

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-17		Date 9/3/25	
Sampling Personnel Garrett Horak			
Total Well Depth 51.00		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 0.00		Date/time pH Calibration Last Checked: 9/3/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 150 mL/min	
Water Color/Odor clear / none		Pump Start/Stop Time 14:15 / 16:38	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
14:18	0.00	18.0	6.61	1.22	1485	300.0	27.65	
14:23	0.00	18.4	6.82	0.57	1498	55.2	13.80	
14:28	0.00	18.0	6.97	0.43	1500	-43.3	10.18	
14:33	0.00	19.5	7.01	0.37	1511	-65.2	8.82	
14:38	0.00	18.8	7.06	0.33	1521	-82.1	7.18	
14:43	0.00	19.1	7.06	0.32	1509	-85.1	6.11	
14:48	0.00	20.0	7.05	0.33	1506	-87.3	5.53	
14:53	0.00	21.6	7.05	0.33	1507	-90.3	5.36	
14:58	0.00	18.1	7.09	0.38	1496	-96.4	9.50	
15:03	0.00	18.1	7.09	0.21	1483	-97.7	16.08	
15:08	0.00	17.9	7.09	0.17	1475	-100.2	12.33	
15:13	0.00	18.9	7.08	0.16	1480	-102.4	5.14	

Sample Bottles Collected: _____

Sample Date /Time: Poison ivy

Additional Notes: Removed 18" of tubing due to break

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-17 cont.		Date 9/3/25	
Sampling Personnel Garrett Horak			
Total Well Depth 51.00		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 0.00		Date/time pH Calibration Last Checked: 9/3/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 150 mL/min	
Water Color/Odor clear / none		Pump Start/Stop Time 14:15 / 16:38	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
15:18	0.00	17.3	7.10	0.14	1469	-104.2	5.92	
15:23	0.00	17.6	7.10	0.13	1472	-105.3	6.22	
15:28	0.00	17.7	7.09	0.12	1464	-106.5	6.22	
15:33	0.00	17.8	7.10	0.12	1479	-107.5	5.83	
15:38	0.00	17.6	7.10	0.11	1465	-108.2	5.32	
15:43	0.00	16.0	7.12	0.10	1469	-109.0	6.40	
15:48	0.00	15.8	7.11	0.09	1463	-108.9	5.24	
15:53	0.00	15.2	7.12	0.08	1457	-109.2	5.55	
15:58	0.00	16.4	7.11	0.09	1461	-110.0	5.47	
16:03	0.00	16.8	7.11	0.09	1466	-110.3	6.03	
16:08	0.00	15.2	7.12	0.07	1453	-110.7	5.12	
16:13	0.00	15.0	7.12	0.07	1455	-110.8	4.58	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-17 cont.		Date 9/3/25	
Sampling Personnel Garrett Horak			
Total Well Depth 51.00		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 0.00		Date/time pH Calibration Last Checked: 9/3/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 150 mL/min	
Water Color/Odor clear / none		Pump Start/Stop Time 14:15 / 16:38	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
16:18	0.00	15.7	7.11	0.08	1460	-111.0	4.49	
16:23	0.00	15.0	7.12	0.07	1453	-111.2	5.05	
16:28	0.00	14.1	7.13	0.06	1450	-111.1	4.66	
16:33	0.00	13.8	7.13	0.06	1444	-110.9	4.49	
16:38	0.00	14.1	7.13	0.06	1448	-110.9	3.96	Sample

Sample Bottles Collected: _____

Sample Date /Time: Sample time on bottles = 16:53

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-18		Date 9/3/25	
Sampling Personnel Garrett Horak			
Total Well Depth 73.80		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 0.00		Date/time pH Calibration Last Checked: 9/3/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 700 mL/min	
Water Color/Odor /		Pump Start/Stop Time 17:28 / 18:35	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
17:31	2.25	11.6	7.20	1.86	2142	-11.2	21.09	
17:36	2.26	11.9	6.99	0.31	2163	-42.1	11.09	
17:41	2.25	12.3	6.96	0.21	2175	-48.8	11.94	
17:46	1.95	12.2	6.95	0.16	2177	-53.7	6.14	
17:51	1.87	12.2	6.95	0.14	2179	-55.4	5.64	
17:56	1.89	12.2	6.94	0.12	2181	-57.5	4.04	
18:01	1.85	12.1	6.94	0.11	2181	-58.4	4.59	
18:06	1.85	12.2	6.94	0.10	2184	-60.1	5.31	
18:11	1.86	12.2	6.95	0.09	2181	-61.0	4.69	
18:16	1.86	12.1	6.94	0.09	2178	-61.6	7.22	
18:21	1.89	12.1	6.94	0.09	2176	-62.3	7.65	
18:26	1.87	12.1	6.93	0.09	2177	-62.8	7.25	Sample

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
 S:\1_Scientist Log Forms\LOG FORMS\Groundwater Sampling Log_v3.docx



Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-23		Date 9/4/25	
Sampling Personnel Garrett Horak			
Total Well Depth 67.20 top of pump		pH/temp/cond/DO/ORP meter model & unit ID # 9/2 purge 9/4 sample	
Depth to Water 7.00		Date/time pH Calibration Last Checked: 9/4/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 300 mL/min	
Water Color/Odor /		Pump Start/Stop Time 9:15 / 12:45	
Temperature: _____		Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly	

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
19:34	62.91	14.2	7.67	8.11	673	256.1	123.73	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: poison ivy

TD = 70.82

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-25		Date purge: 9/2/25 sampled: 9/4/25	
Sampling Personnel Garrett Horak			
Total Well Depth 32.92		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 8.34		Date/time pH Calibration Last Checked: 9/4/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 300 mL/min	
Water Color/Odor /		Pump Start/Stop Time 18:25 / 19:44	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
18:41	22.25	13.9	7.22	5.32	264.7	265.0	30.89	

Sample Bottles Collected: _____

Sample Date /Time: 9/4/25 18:56

Additional Notes: Sample collected 18:50

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. 25225065.00	Site Stoney Point CL
Well No. MW-27	Date 9/2/25
Sampling Personnel Garrett Horak	
Total Well Depth 82.20 top of pump	pH/temp/cond/DO/ORP meter model & unit ID # _____ Date/time pH Calibration Last Checked: 9/2/25 8:00am
Depth to Water 18.72	
Well Volume*	Turbidity meter model & unit ID #
Sampling Device: Bladder Pump Peristaltic Pump Other: _____	Pumping Rate: 800 mL/min
Water Color/Odor /	Pump Start/Stop Time 18:25 /
Temperature:	Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	

Sample Bottles Collected: _____

Sample Date /Time: 72.70 SWL @ 20:00 9/2

Additional Notes: Unable to sample, water below pump

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. <u>25225065.00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>MW-2A</u>		Date <u>Purge: 9/2/25 Sample: 9/4/25</u>	
Sampling Personnel <u>Michael Morgan</u>			
Total Well Depth <u>32.06</u>		pH/temp/cond/DO/ORP meter model & unit ID # <u>Pico DSS 23A205517</u>	
Depth to Water <u>14.05</u>		Date/time pH Calibration Last Checked: <u>9/4/25 13:40</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other:		Pumping Rate: <u>400 ml/min</u>	
Water Color/Odor <u>clear / none</u>		Pump Start/Stop Time <u>16:03 / 16:56</u>	
Temperature: <u>73°F</u> Wind Direction: <u>N E (S) (W)</u> Precip: <u>(None)</u> Light Heavy Sky: <u>Cloudy Sunny (Partly)</u>			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
<u>17:15</u>	<u>14.69</u>	<u>16.2</u>	<u>7.45</u>	<u>9.17</u>	<u>616</u>	<u>50.6</u>	<u>10.56</u>	<u>SAMPLE</u>

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. <u>25225065-00</u>		Site <u>Stoney Pt. Mt CL</u>	
Well No. <u>MW-3</u>		Date <u>9-4-25</u>	
Sampling Personnel			
Total Well Depth <u>27.55</u>		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water <u>11.00</u>		Date/time pH Calibration Last Checked: <u>9-4-25 8:00a</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other:		Pumping Rate: <u>250 ml/min</u>	
Water Color/Odor <u>Clear / None</u>		Pump Start/Stop Time <u>16:00 /</u>	
Temperature: Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
1605	11.10	14.8	7.09	6.92	930	125.9	553.96	7.42 pH
1610	11.11	14.1	7.09	7.52	890	129.4	78.60	
1615	11.02	13.9	7.02	7.45	848	174.0	53.63	
1620	11.03	14.0	6.93	5.37	854	120.7	27.19	
1625	11.03	13.9	6.89	3.412	862	120.1	20.07	
1630	11.05	13.9	6.87	3.85	864	120.4	17.77	
1635	11.02	14.0	6.85	3.45	866	172.8	12.23	
1640	11.02	14.0	6.84	3.29	868	173	9.63	
1645	11.03	14.0	6.83	3.26	868	178.6	9.21	SAMPLE

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft

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Groundwater Sampling Log

Project No. <u>25225065-00</u>		Site <u>Stoney Point</u>	
Well No. <u>MW-8</u>		Date <u>Perge #9/2/25</u> Sample <u>9-4-25</u>	
Sampling Personnel <u>Garrett Horvath, Michael Morgan</u>			
Total Well Depth <u>56.65</u>		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water <u>15.68 / 14.25</u>		Date/time pH Calibration Last Checked: <u>9-4-25 8:00a</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump Other:		Pumping Rate: <u>375 M/min</u>	
Water Color/Odor <u>/</u>		Pump Start/Stop Time <u>13:10 / 17:41</u>	
Temperature: Wind Direction: <u>N E S W</u> Precip: <u>None</u> Light Heavy Sky: <u>Cloudy Sunny Partly</u>			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
<u>1712</u>	<u>1500</u>	<u>14.5</u>	<u>7.14</u>	<u>4.92</u>	<u>547</u>	<u>26.3</u>	<u>15.21</u>	<u>SAMPLE</u>

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: ran pump for 4 1/2 hrs, started dry 9-2

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No.	25225065.00		Site	Stoney Point CL	
Well No.	MW-9		Date	9-4-25	
Sampling Personnel					
Total Well Depth	61.42		pH/temp/cond/DO/ORP meter model & unit ID #		
Depth to Water	14.78		Date/time pH Calibration Last Checked: 9-4-25 8:00a		
Well Volume*	Turbidity meter model & unit ID #				
Sampling Device:	Bladder Pump	Peristaltic Pump	Other:	Pumping Rate: 300 ml/min	
Water Color/Odor	Clear / none		Pump Start/Stop Time 8:51 / 10:20		
Temperature:	Wind Direction:	N	E	S	W
	Precip:	None	Light	Heavy	Sky: Cloudy Sunny Partly

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
8:56	16.81	12.3	6.88	3.15	782	268.9	10.81	
9:01	18.10	12.1	7.01	1.65	770	277.2	13.60	
9:06	19.08	12.1	7.07	1.51	767	277.3	13.11	
9:11	19.60	12.4	7.12	1.46	766	276.7	11.78	
9:16	20.00	12.6	7.15	1.46	765	276.2	10.39	
9:21	20.02	12.9	7.17	1.42	765	276.0	9.58	
9:26	19.98	13.7	7.18	1.53	764	275.6	8.82	
9:31	19.99	14.3	7.19	1.59	767	276.1	8.98	
9:36	19.87	15.0	7.19	1.61	773	276.4	8.87	
9:41	20.01	14.1	7.21	1.19	780	277.0	11.91	
9:46	19.70	14.8	7.20	0.97	791	276.0	9.50	
9:51	19.56	15.4	7.21	1.00	808	275.3	9.89	SAMPLE

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft

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Groundwater Sampling Log

Project No. <u>25225065-00</u>	Site _____
Well No. <u>MW-9 Cont.</u>	Date _____
Sampling Personnel _____	
Total Well Depth _____	pH/temp/cond/DO/ORP meter model & unit ID # _____
Depth to Water _____	Date/time pH Calibration Last Checked: _____
Well Volume* _____	Turbidity meter model & unit ID # _____
Sampling Device: Bladder Pump _____ Peristaltic Pump _____ Other: _____	Pumping Rate: _____
Water Color/Odor _____ / _____	Pump Start/Stop Time _____ / _____
Temperature: _____	Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
9:56	19.51	15.4	7.21	1.01	800	274.6	11.27	
10:01	19.49	16.0	7.21	1.13	802	278.9	14.49	
10:06	19.49	16.2	7.21	1.09	807	273.2	15.30	
6:11	19.51	16.2	7.21	1.04	810	272.6	14.07	SAMPLE

Sample Bottles Collected: _____

Sample Date /Time: 10:20 9-4

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No.	25225065 .00		Site	Stoney Point CL	
Well No.	MW-10		Date	9/4/25	
Sampling Personnel <u>Michael Morgan</u>					
Total Well Depth	73.04		pH/temp/cond/DO/ORP meter model & unit ID #	Paw 055 23A705517	
Depth to Water	1.04		Date/time pH Calibration Last Checked:	9/4/25 8:40 am	
Well Volume*			Turbidity meter model & unit ID #		
Sampling Device:	Bladder Pump	Peristaltic Pump	Other:	Pumping Rate:	200 ml/min 12:31
Water Color/Odor	brown tint / slight ocean		Pump Start/Stop Time	11:13 / 12:31	
Temperature:	66 °F	Wind Direction:	N E S (W)	Precip:	None Light Heavy Sky: Cloudy Sunny Partly

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
11:27	1.23	23.1	7.07	5.16	969	-78.1	63.20	
11:32	1.56	17.2	6.85	0.93	2219	-78.1	76.94	↓
11:37	1.69	16.2	6.89	0.92	2205	-84.2	35.29	cloudy light brown
11:42	1.69	16.8	6.89	0.79	2210	-82.3	40.26	brown tint
11:47	1.71	16.7	6.89	0.77	2222	-78.6	66.06	
11:52	1.61	16.8	6.88	0.74	2225	-73.7	89.77	cloudy grey
11:57	1.78	17.1	6.86	0.64	2267	-66.4	83.76	
12:02	1.65	16.8	6.86	0.59	2280	-63.5	64.61	
12:07	1.74	16.6	6.85	0.49	2290	-57.7	59.81	
12:12	1.77	16.8	6.84	0.34	2308	-53.8	59.49	
12:17	1.78	17.0	6.84	0.29	2314	-51.4	60.76	SAMPLE

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: Poison ivy around well.

*: Volume in a 2-inch well = 617 ml/ft

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Groundwater Sampling Log

Project No. <u>25225065.00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>MW-11</u>		Date <u>9-4-25</u>	
Sampling Personnel <u>GTH</u>			
Total Well Depth <u>44.61</u>		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water <u>1.8</u>		Date/time pH Calibration Last Checked: <u>9-4-25 9:00a</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other:		Pumping Rate: <u>20 ml/min</u>	
Water Color/Odor <u>Brown / None</u>		Pump Start/Stop Time <u>12:00 / 14:58</u>	
Temperature: Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (us/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
12:06	2.80	18.2	7.17	4.49	1908	261.7	405.15	
12:11	3.72	15.9	7.06	9.23	2004	62.1	274.60	
12:16	4.30	17.5	7.09	11.01	2015	68.5	253.83	
12:21	4.30	17.8	7.12	10.66	2020	75.1	200.89	
12:26	4.31	18.2	7.10	9.93	2028	64.9	147.93	
12:31	4.31	18.5	7.09	9.45	2029	52.6	113.70	
12:35	4.32	18.1	7.08	9.06	2027	45.6	95.98	
12:41	4.33	17.8	7.08	8.69	2024	38.7	80.19	7.08 pH
12:46	4.35	17.1	7.07	8.29	2026	34.3	72.60	
12:51	4.36	16.5	7.06	7.62	2025	24.4	63.01	
12:56	4.36	16.9	7.06	7.43	2031	23.9	54.79	7.05 pH
13:01	4.37	16.8	7.04	6.96	2040	19.4	53.87	7.04 pH

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft

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Groundwater Sampling Log

Project No. _____		Site _____	
Well No. <u>MW 11 Cont.</u>		Date _____	
Sampling Personnel			
Total Well Depth _____		pH/temp/cond/DO/ORP meter model & unit ID # _____	
Depth to Water _____		Date/time pH Calibration Last Checked: _____	
Well Volume* _____		Turbidity meter model & unit ID # _____	
Sampling Device:	Bladder Pump	Peristaltic Pump	Other: _____
			Pumping Rate: _____
Water Color/Odor _____		Pump Start/Stop Time _____	
Temperature:	Wind Direction: N E S W	Precip: None Light Heavy	Sky: Cloudy Sunny Partly

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
1306	4.40	16.6	7.01 7.01	6.25	2046	14.0	42.63	
1311	4.42	16.4	7.03	5.89	2049	10.5	35.21 32.11	
1316	4.49	16.3	7.03	5.53	2052	7.6	35.61	
1321	4.52	16.0	7.01	3.93	2067	0.8	23.15	
1326	4.53	16.1	7.00	2.59	2078	-9.1	14.09	
1331	4.57	16.5	6.98	1.36	2100	-26.4	11.62	
1336	4.60	16.5	6.98	1.19	2092	-31.1	12.72	
1341	4.60	16.5	6.98	1.27	2101	44.08	14.05	-34.09 orp
1346	4.60	16.3	6.98	1.02	2100	-32.5	10.77	
1351	4.61	16.2	6.98	0.84	2101	-39.2	10.75	
1356	4.62	16.8	6.97	0.67	2111	-43.1	12.22	
1401	4.62	17.0	6.97	0.66	2120	-44.5	11.28	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. _____		Site _____	
Well No. <u>MW-11 Cont 2</u>		Date _____	
Sampling Personnel			
Total Well Depth _____		pH/temp/cond/DO/ORP meter model & unit ID # _____	
Depth to Water _____		Date/time pH Calibration Last Checked: _____	
Well Volume* _____		Turbidity meter model & unit ID # _____	
Sampling Device:	Bladder Pump	Peristaltic Pump	Other: _____
Pumping Rate: _____			
Water Color/Odor _____ / _____		Pump Start/Stop Time _____ / _____	
Temperature:	Wind Direction: N E S W	Precip: None Light Heavy	Sky: Cloudy Sunny Partly

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
1406	4.61	16.2	6.98	0.83	2107	-45.3	18.82	
1411	4.62	15.9	6.98	0.96	2100	-44.5	23.88	
1416	4.62	16.0	6.98	1.07	2099	-43.5	24.76	
1421	4.62	15.7	6.98	1.16	2104	-42.1	27.83	
1426	4.63	15.5	6.98	1.10	2100	-41.8	23.07	
1431	4.63	15.5	6.95	1.06	2106	-41.6	30.07	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: SAMPLE completed at 14:47

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. <u>25225065.00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>MW-12</u>		Date <u>Purge: 9/2/25</u> <u>Sample: 9/4/25</u>	
Sampling Personnel <u>Michael Morgan</u>			
Total Well Depth _____		pH/temp/cond/DO/ORP meter model & unit ID # <u>Pro 1955 23A705517</u>	
Depth to Water <u>12.38</u>		Date/time pH Calibration Last Checked: <u>9/4/25</u> <u>13:40</u>	
Well Volume* _____		Turbidity meter model & unit ID # _____	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other: _____		Pumping Rate: <u>700 ml/min</u>	
Water Color/Odor <u>brown tint / slight waste smell</u>		Pump Start/Stop Time <u>14:00 / 14:24</u>	
Temperature: _____ Wind Direction: <u>N E S W</u> Precip: <input checked="" type="checkbox"/> None <input type="checkbox"/> Light <input type="checkbox"/> Heavy Sky: <u>Cloudy Sunny</u> <input type="checkbox"/> Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
<u>13:50</u>	<u>18.44</u>	<u>15.8</u>	<u>7.12</u>	<u>2.30</u>	<u>770</u>	<u>-144.0</u>	<u>16.89</u>	<u>SAMPLE</u>

Sample Bottles Collected: DTW at Sample = 18.44 ft

Sample Date /Time: _____

Additional Notes: Top of Pump = 20.16
Poison ivy around well

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. <u>25225065.00</u>	Site <u>Stoney Point PL</u>
Well No. <u>MW-13</u>	Date <u>9/4/25</u>
Sampling Personnel <u>Michael Morgan</u>	
Total Well Depth <u>73.65</u>	pH/temp/cond/DO/ORP meter model & unit ID # <u>Pro DSS 23A105537</u>
Depth to Water <u>0.00</u>	Date/time pH Calibration Last Checked: <u>9/4/25 13:40</u>
Well Volume*	Turbidity meter model & unit ID #
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other:	Pumping Rate: <u>100 ml/min</u>
Water Color/Odor <u>clear / none</u>	Pump Start/Stop Time <u>14:51 / 15:42</u>
Temperature: <u>67°F</u> Wind Direction: <u>N E (S) (W)</u> Precip: <u>(None)</u> Light Heavy Sky: <u>Cloudy Sunny (Partly)</u>	

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
15:03	1.28	13.6	6.93	3.67	2192	-38.6	15.11	
15:08	1.60	14.2	6.87	0.95	2308	-37.9	10.36	
15:13	1.58	15.3	6.87	0.58	2323	-40.0	10.20	
15:18	1.42	15.9	6.86	0.52	2347	-39.9	9.99	
15:23	1.51	15.8	6.86	0.48	2357	-39.1	10.41	
15:28	1.65	15.9	6.85	0.51	2361	-38.6	10.72	SAMPLE
15:33								

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: Poison ivy around well
Break in tubing, cut ~2 ft off

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. <u>25225065.00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>MW-15</u>		Date <u>Purge: 9/2/25</u> Sample: <u>9/4/25</u>	
Sampling Personnel <u>Michael Morgan</u>			
Total Well Depth <u>10.2</u>		pH/temp/cond/DO/ORP meter model & unit ID # <u>Pro DSS 23A205517</u>	
Depth to Water <u>7.64</u>		Date/time pH Calibration Last Checked: <u>9/4/25</u> <u>13:40</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device:	<input checked="" type="checkbox"/> Bladder Pump	<input type="checkbox"/> Peristaltic Pump	Other:
		Pumping Rate: <u>700 ml/min</u>	
Water Color/Odor <u>clear /</u>		Pump Start/Stop Time <u>14:44 / 13:25</u>	
Temperature: <u>73°F</u> Wind Direction: <u>N E</u> <input checked="" type="radio"/> <input checked="" type="radio"/> Precip: <u>None</u> Light Heavy Sky: <u>Cloudy Sunny</u> <input checked="" type="radio"/>			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
16:10	7.61	14.5	6.80	3.47	2657	27.8	20.64	SAMPLE

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: Top of pump = 15.12

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No.	25225065 .00		Site	Stoney Point CL	
Well No.	MW-16		Date	9/3/25	
Sampling Personnel	Michael Morgan				
Total Well Depth	22.21		pH/temp/cond/DO/ORP meter model & unit ID #	PRO DSS 23A105517	
Depth to Water	8.66		Date/time pH Calibration Last Checked:	9/3/25 8:50 am	
Well Volume*	Turbidity meter model & unit ID #				
Sampling Device:	Bladder Pump	<input checked="" type="radio"/> Peristaltic Pump	Other:	Pumping Rate: 100 ml/min	
Water Color/Odor	clear / slight earthy		Pump Start/Stop Time	15:20 / 16:43	
Temperature: 68°F	Wind Direction:	<input checked="" type="radio"/> N <input type="radio"/> E <input type="radio"/> S <input checked="" type="radio"/> W	Precip:	<input checked="" type="radio"/> None <input type="radio"/> Light <input type="radio"/> Heavy	Sky: <input type="radio"/> Cloudy <input type="radio"/> Sunny <input checked="" type="radio"/> Partly

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
15:21	8.92	17.6	6.83	2.96	3114	39.1	7.58	
15:26	10.03	15.0	6.65	0.79	3810	35.1	7.20	
15:31	10.48	15.4	6.65	0.48	3849	22.4	11.52	
15:36	10.62	15.7	6.64	0.37	3861	14.7	16.62	
15:41	10.77	15.7	6.65	0.23	3859	13.1	9.58	
15:46	10.90	16.0	6.67	0.13	3684	10.3	12.18	
15:51	10.99	16.2	6.67	0.08	3497	10.6	15.87	
15:56	11.00	16.5	6.68	0.05	3128	9.7	19.18	slight yellow tint
16:01	11.04	16.6	6.69	0.04	2691	10.4	21.34	↓ SAMPLE
16:06	11.05	16.1	6.69	0.04	2544	15.4	21.73	
16:11	11.07	15.7	6.69	0.02	2497	15.6	22.22	
16:16	11.09	15.6	6.69	0.02	2499	24.6	23.65	
16:21	11.10	15.5	6.68	0.02	2535	20.9	23.97	SAMPLE
Sample Bottles Collected: * Poison Ivy around well								

Sample Date /Time: _____

Additional Notes: Well appears to have been struck by mower. Well casing tilted & dented. Unable to get non-dedicated bladder pump down further than ~3ft. 1 in off top of pump found in grass next to well.

*: Volume in a 2-inch well = 617 ml/ft

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Groundwater Sampling Log

Project No. <u>25225065-00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>MW-17</u>		Date <u>9-3-25</u>	
Sampling Personnel <u>Garrett Horns</u>			
Total Well Depth <u>51.00</u>		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water <u>0.00</u>		Date/time pH Calibration Last Checked: <u>9-3-25 8:00a</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: <input checked="" type="radio"/> Bladder Pump <input type="radio"/> Peristaltic Pump Other:		Pumping Rate: <u>150ml/min</u>	
Water Color/Odor <u>Clear / None</u>		Pump Start/Stop Time <u>14:59 / 16:38</u>	
Temperature: Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
<u>0.00</u> 1418	0.00	<u>18.0</u>	<u>6.61</u>	<u>1.22</u>	<u>1485</u>	<u>300.0</u>	<u>27.65</u>	
1423	<u>0.00</u>	<u>18.4</u>	<u>6.82</u>	<u>0.57</u>	<u>1498</u>	<u>55.2</u>	<u>13.80</u>	
1428	<u>0.00</u>	<u>18.0</u>	<u>6.97</u>	<u>0.43</u>	<u>1500</u>	<u>-43.3</u>	<u>10.18</u>	
1433	<u>0.00</u>	<u>19.5</u>	<u>7.01</u>	<u>0.37</u>	<u>1511</u>	<u>-65.2</u>	<u>8.82</u>	
1438	<u>0.00</u>	<u>18.8</u>	<u>7.06</u>	<u>0.33</u>	<u>1521</u>	<u>-82.1</u>	<u>7.18</u>	
1443	<u>0.00</u>	<u>19.1</u>	<u>7.06</u>	<u>0.32</u>	<u>1509</u>	<u>-85.1</u>	<u>6.11</u>	
1448	<u>0.00</u>	<u>20.0</u>	<u>7.05</u>	<u>0.33</u>	<u>1506</u>	<u>-87.3</u>	<u>5.53</u>	
1453	<u>0.00</u>	<u>21.6</u>	<u>7.05</u>	<u>0.33</u>	<u>1507</u>	<u>-90.3</u>	<u>5.36</u>	
1458	<u>0.00</u>	<u>18.1</u>	<u>7.09</u>	<u>0.38</u>	<u>1496</u>	<u>-96.4</u>	<u>9.50</u>	
1503	<u>0.00</u>	<u>18.1</u>	<u>7.09</u>	<u>0.21</u>	<u>1483</u>	<u>-97.7</u>	<u>16.08</u>	
1508	<u>0.00</u>	<u>17.9</u>	<u>7.09</u>	<u>0.17</u>	<u>1475</u>	<u>-100.2</u>	<u>12.33</u>	
1518	<u>0.00</u>	<u>18.9</u>	<u>7.08</u>	<u>0.16</u>	<u>1480</u>	<u>-102.4</u>	<u>5.14</u>	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

Posion IVs removed 18" of tubing due to breaks

*: Volume in a 2-inch well = 617 ml/ft

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Groundwater Sampling Log

Project No. <u>25225065-00</u>	Site <u>Stoney Point</u>
Well No. <u>MW-17 Cont.</u>	Date <u>9/3/25</u>
Sampling Personnel <u>Carrett Horak</u>	
Total Well Depth _____	pH/temp/cond/DO/ORP meter model & unit ID # _____
Depth to Water _____	Date/time pH Calibration Last Checked: _____
Well Volume* _____	Turbidity meter model & unit ID # _____
Sampling Device: <input type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other: _____	Pumping Rate: _____
Water Color/Odor _____ / _____	Pump Start/Stop Time _____ / _____
Temperature: _____	Wind Direction: <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W Precip: <input type="checkbox"/> None <input type="checkbox"/> Light <input type="checkbox"/> Heavy Sky: <input type="checkbox"/> Cloudy <input type="checkbox"/> Sunny <input type="checkbox"/> Partly

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
1518	0.00	17.3	7.10	0.14	1469	-104.2	5.92	
1523	0.00	17.6	7.10	0.13	1472	-105.3	6.22	
1528	0.00	17.7	7.09	0.12	1464	-106.5	6.22	
1533	0.00	17.8	7.10	0.12	1479	-107.5	5.83	
1538	0.00	17.6	7.10	0.11	1465	-108.2	5.32	
1543	0.00	16.0	7.12	0.10	1469	-109.0	6.40	
1548	0.00	15.8	7.11	0.09	1463	-108.9	5.24	
1553	0.00	15.2	7.12	0.08	1457	-109.2	5.55	
1558	0.00	16.4	7.11	0.09	1461	-110.0	5.47	
16:03	0.00	16.8	7.11	0.09	1466	-110.3	6.03	
16:08	0.00	15.2	7.12	0.07	1453	-110.7	5.12	
16:13	0.00	15.0	7.12	0.07	1455	-110.8	4.58	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft

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Groundwater Sampling Log

Project No. <u>25225065-00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>MW-17 Cont. 2</u>		Date <u>9/3/25</u>	
Sampling Personnel <u>Christina Horale</u>			
Total Well Depth _____		pH/temp/cond/DO/ORP meter model & unit ID # _____	
Depth to Water _____		Date/time pH Calibration Last Checked: _____	
Well Volume* _____		Turbidity meter model & unit ID # _____	
Sampling Device:	Bladder Pump	Peristaltic Pump	Other: _____
Pumping Rate: _____		Water Color/Odor _____	
Pump Start/Stop Time _____		Temperature: _____	
Wind Direction: N E S W		Precip: None Light Heavy Sky: Cloudy Sunny Partly	

1619
0-00

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
1619	15.8	15.7	7.11	0.08	1460	-111.0	4.49	
1623	0.00	15.0	7.12	0.07	1453	-111.2	5.05	
1629	0.00	14.1	7.13	0.06	1450	-111.1	4.66	
1633	0.00	13.8	7.13	0.06	1444	-110.9	4.849	
1638	0.00	14.1	7.13	0.06	1448	-110.9	3.96	SAMPLE

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: Sample time on bottles = 16:53

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. <u>25225065.00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>MW-19</u>		Date <u>9-3-25</u>	
Sampling Personnel			
Total Well Depth <u>73.80</u>		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water <u>0.00</u>		Date/time pH Calibration Last Checked: <u>9-3-25 8:00 a</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other:		Pumping Rate: <u>700 ml/min</u>	
Water Color/Odor <u>/</u>		Pump Start/Stop Time <u>17:28 / 18:35</u>	
Temperature: _____ Wind Direction: <u>N E S W</u> Precip: <u>None Light Heavy</u> Sky: <u>Cloudy Sunny Partly</u>			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
17:31	2.25	11.6	7.20	1.86	2142 2142	-11.2	21.09	
17:36	2.26	11.9	6.99	0.31	2163	-42.1	11.09	
17:41	2.25	12.3	6.96	0.21	2175	-48.8	11.94	
17:46	2.195 1.95	12.2	6.95	0.16	2177	-53.7	6.14	
17:51	1.87	12.2	6.95	0.14	2179	-55.4	5.64	
17:56	1.89	12.2	6.94	0.12	2181	-52.5	4.04	
18:01	1.85	12.1	6.94	0.11	2181	-58.4	4.59	
18:06	1.85	12.2	6.94	0.10	2184	-60.1	5.31	
18:11	1.86	12.2	6.95	0.09	2181	-61.0	4.69	
18:16	1.86	12.1	6.94	0.09	2178	-61.6	7.22	
18:21	1.89	12.1	6.94	0.09	2176	-62.3	7.65	
18:26	1.87	12.1	6.93	0.09	2177	-62.8	7.25	SAMPLE

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft

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Groundwater Sampling Log

Project No. <u>25225065.00</u>		Site <u>Stoney Point CC</u>	
Well No. <u>MW-20</u>		Date Purged: <u>9/2/25</u> Sample: <u>1/04 e</u>	
Sampling Personnel			
Total Well Depth <u>92.02</u>		pH/temp/cond/DO/ORP meter model & unit ID # _____	
Depth to Water <u>84.11</u>		Date/time pH Calibration Last Checked: _____	
Well Volume*		Turbidity meter model & unit ID # _____	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other: _____		Pumping Rate: <u>150 ml/min</u>	
Water Color/Odor <u>/</u>		Pump Start/Stop Time <u>17:32 / 18:00</u>	
Temperature: _____ Wind Direction: <u>N E S W</u> Precip: <u>None Light Heavy</u> Sky: <u>Cloudy Sunny Partly</u>			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
	<u>88.23</u>							

Sample Bottles Collected: _____

Sample Date /Time: 9-4: attempted to sample rain pump for few minutes.
 Additional Notes: no water came up.

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. <u>25225065 00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>MW-21</u>		Date <u>9/3/25</u>	
Sampling Personnel <u>Michael Morgan</u>			
Total Well Depth <u>25.41</u>		pH/temp/cond/DO/ORP meter model & unit ID # <u>ProDSS 23A70SS17</u>	
Depth to Water <u>8.11</u>		Date/time pH Calibration Last Checked: <u>9/3/25 8:50 AM</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other:		Pumping Rate: <u>150 ml/min</u>	
Water Color/Odor <u>orange/brown / cloudy</u> / <u>slight earthy</u>		Pump Start/Stop Time <u>11:12 / 12:07</u>	
Temperature: <u>70°F</u> Wind Direction: <u>N E S (W)</u> Precip: <u>None</u> Light Heavy Sky: <u>Cloudy</u> Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
<u>11:13</u>	<u>8.72</u>	<u>16.9</u>	<u>6.89</u>	<u>7.05</u>	<u>1036</u>	<u>-42.7</u>	<u>71.25</u>	
<u>11:18</u>	<u>9.51</u>	<u>14.3</u>	<u>6.81</u>	<u>1.37</u>	<u>1017</u>	<u>-60.6</u>	<u>97.58</u>	
<u>11:23</u>	<u>9.70</u>	<u>14.7</u>	<u>6.82</u>	<u>1.36</u>	<u>1018</u>	<u>-57.8</u>	<u>106.99</u>	
<u>11:28</u>	<u>9.94</u>	<u>15.1</u>	<u>6.82</u>	<u>1.41</u>	<u>1017</u>	<u>-54.8</u>	<u>94.34</u>	
<u>11:33</u>	<u>10.00</u>	<u>15.3</u>	<u>6.82</u>	<u>1.34</u>	<u>1012</u>	<u>-53.4</u>	<u>99.76</u>	
<u>11:38</u>	<u>10.07</u>	<u>15.4</u>	<u>6.82</u>	<u>1.32</u>	<u>1010</u>	<u>-53.0</u>	<u>98.95</u>	<u>SAMPLE</u>
<u>Field Blank 12:15</u>		<u>19.6</u>	<u>8.49</u>	<u>8.58</u>	<u>32.1</u>	<u>184.4</u>	<u>9.16</u>	

Sample Bottles Collected: Field blank collected at 12:15

Sample Date /Time: _____

Additional Notes: Poison ivy around well

*: Volume in a 2-inch well = 617 ml/ft

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Groundwater Sampling Log

Project No. <u>25225065 .00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>MW-22</u>		Date <u>9/3/25</u>	
Sampling Personnel <u>Michael Morgan</u>			
Total Well Depth <u>46.15</u>		pH/temp/cond/DO/ORP meter model & unit ID # <u>PRO DSS 23A105527</u>	
Depth to Water <u>0 / Top of well</u>		Date/time pH Calibration Last Checked: <u>9/3/25 8:50am</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other:		Pumping Rate: <u>450 ml/min</u>	
Water Color/Odor <u>clear / slight sulfur</u>		Pump Start/Stop Time <u>13:24 / 13:54</u>	
Temperature: <u>73°F</u> Wind Direction: <input checked="" type="radio"/> N <input type="radio"/> E <input type="radio"/> S <input checked="" type="radio"/> W Precip: <input type="checkbox"/> None <input checked="" type="checkbox"/> Light <input type="checkbox"/> Heavy Sky: <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Sunny <input type="checkbox"/> Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
13:25	-	11.8	7.09	3.11	996	-42.6	46.92	
13:30	-	11.7	7.08	0.31	990	-60.4	24.31	
13:35	-	11.9	7.08	0.11	991	-64.9	4.37	
13:40	-	11.9	7.09	0.04	992	-66.9	4.45	
13:45	-	11.8	7.09	0.01	991	-69.3	4.41	SAMPLE

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: Arterian well - over flowing once packer removed.

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. <u>25225065.00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>MW-23</u>		Date <u>9-4-25</u>	
Sampling Personnel			
Total Well Depth <u>67.20 total pump</u>		pH/temp/cond/DO/ORP meter model & unit ID # <u>9-2 Purge 9-4 Sample</u>	
Depth to Water <u>7.00</u>		Date/time pH Calibration Last Checked: <u>9-4-25 9:00 a</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other:		Pumping Rate: <u>300 ml/min</u>	
Water Color/Odor <u>/</u>		Pump Start/Stop Time <u>9:15 / 12:45</u>	
Temperature: Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
<u>10:34</u>	<u>62.91</u>	<u>14.2</u>	<u>7.67</u>	<u>8.11</u>	<u>673</u>	<u>256.1</u>	<u>123.73</u>	

Sample Bottles Collected: _____

Sample Date /Time: ~~10-3-25~~ _____

Additional Notes: Poison Log
TD = 70.82

*: Volume in a 2-inch well = 617 ml/ft
 S:\1_Scientist Log Forms\LOG FORMS\Groundwater Sampling Log_v3.docx



Groundwater Sampling Log

Project No. <u>25225065.00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>Mw-24</u>		Date <u>9/4/25</u>	
Sampling Personnel <u>Michael Morgan</u>			
Total Well Depth <u> </u>		pH/temp/cond/DO/ORP meter model & unit ID # <u>Pro DSS 23A205517</u>	
Depth to Water <u>16.92</u>		Date/time pH Calibration Last Checked: <u>9/4/25 8:40 am</u>	
Well Volume* <u> </u>		Turbidity meter model & unit ID # <u> </u>	
Sampling Device: <u>Bladder Pump</u> <input checked="" type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other: <u> </u>		Pumping Rate: <u>100 ml/min</u>	
Water Color/Odor <u>clear / Hard boiled Egg</u>		Pump Start/Stop Time <u>8:54 / 10:13</u>	
Temperature: <u>57° F</u> Wind Direction: <u>N E S (W)</u> Precip: <u>None</u> Light Heavy Sky: <u>Cloudy (Sunny) Partly</u>			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
8:57	17.53	15.6	7.72	9.46	557	138.5	5.94	
9:02	18.10	13.7	7.14	6.34	612	-41.4	3.32	
9:07	18.53	13.7	7.05	2.79	617	-95.7	4.62	
9:12	18.63	14.2	7.06	2.42	615	-107.2	5.63	
9:17	18.69	15.0	7.08	2.22	612	-110.6	6.68	
9:22	18.72	15.8	7.10	2.14	610	-111.9	8.96	
9:27	18.76	16.5	7.12	2.14	610	-111.8	3.06	
9:32	18.81	17.0	7.14	2.10	612	-112.9	3.56	
9:37	18.85	17.2	7.16	2.04	611	-114.6	3.99	
9:42	18.89	17.4	7.18	1.92	610	-117.6	4.78	SAMPLE

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: Poison ivy around well
Top of Pump = ~ 84.95

*: Volume in a 2-inch well = 617 ml/ft
 S:\1_Scientist Log Forms\LOG FORMS\Groundwater Sampling Log_v3.docx



Groundwater Sampling Log

Project No. 25225065.00		Site Stoney Point CL	
Well No. MW-25		Date purge: 9/2/25 sampled: 9/4/25	
Sampling Personnel Garrett Horak			
Total Well Depth 32.92		pH/temp/cond/DO/ORP meter model & unit ID #	
Depth to Water 8.34		Date/time pH Calibration Last Checked: 9/4/25 8:00am	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: Bladder Pump Peristaltic Pump Other: _____		Pumping Rate: 300 mL/min	
Water Color/Odor /		Pump Start/Stop Time 18:25 / 19:44	
Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
18:41	22.25	13.9	7.22	5.32	264.7	265.0	30.89	

Sample Bottles Collected: _____

Sample Date /Time: 9/4/25 18:56

Additional Notes: Sample collected 18:50

*: Volume in a 2-inch well = 617 ml/ft
 S:\1_Scientist Log Forms\LOG FORMS\Groundwater Sampling Log_v3.docx

Groundwater Sampling Log

Project No. 2522 5065-00 Site _____
 Well No. MW-27 Date 9-2
 Sampling Personnel Garrett Horak
 Total Well Depth ~~_____~~ pH/temp/cond/DO/ORP meter model & unit ID # _____
 Depth to Water 18.72 Date/time pH Calibration Last Checked: 9-2-25 - 8:00a
 Well Volume* _____ Turbidity meter model & unit ID # _____
 Sampling Device: Bladder Pump Peristaltic Pump Other: _____ Pumping Rate: 800 ml/min
 Water Color/Odor / Pump Start/Stop Time 18:25/
 Temperature: _____ Wind Direction: N E S W Precip: None Light Heavy Sky: Cloudy Sunny Partly

82.20
 to Pot
 Pump

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: 72.70 SWL @ 20:00 9-2

unable to sample, water below pump

*: Volume in a 2-inch well = 617 ml/ft
 S:\1_Scientist Log Forms\LOG FORMS\Groundwater Sampling Log_v3.docx

Groundwater Sampling Log

Project No. <u>25225065.00</u>		Site <u>Stoney Point c.l.</u>	
Well No. <u>MW-26</u>		Date <u>9/3/25</u>	
Sampling Personnel <u>Michael Morgan</u>			
Total Well Depth <u>55.91</u>		pH/temp/cond/DO/ORP meter model & unit ID # <u>PRO DSS 23A105517</u>	
Depth to Water <u>12.87</u>		Date/time pH Calibration Last Checked: <u>9/3/25 8:50 AM</u>	
Well Volume*		Turbidity meter model & unit ID #	
Sampling Device: <input checked="" type="checkbox"/> Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other:		Pumping Rate: <u>250 ml/min</u>	
Water Color/Odor <u>clear / none</u>		Pump Start/Stop Time <u>9:59 / 10:36</u>	
Temperature: <u>65°F</u> Wind Direction: N E S <input checked="" type="radio"/> W Precip: None <input checked="" type="radio"/> Light Heavy Sky: <input checked="" type="radio"/> Cloudy <input type="radio"/> Sunny <input type="radio"/> Partly			

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
10:01	13.02	14.0	6.57	5.86	1102	185.6	4.56	
10:06	12.96	13.3	6.28	2.59	1139	194.6	5.35	
10:11	12.98	13.2	6.30	2.38	1135	192.7	5.77	
10:16	12.98	13.3	6.34	2.27	1133	188.6	5.08	
10:21	12.95	13.3	6.37	2.21	1131	186.6	4.90	
10:26	12.93	13.3	6.40	2.17	1130	184.6	4.94	SAMPLE

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
 S:\1_Scientist Log Forms\LOG FORMS\Groundwater Sampling Log_v3.docx





SURFACE WATER SAMPLING FORM

Site Name: Stoney Point CL Permit No.: _____
 Surface Monitoring Point No.: SW-01 Date/Time: 9/3/25
 Sampler Name: Michael Morgan

A. TYPE OF MONITORING POINT

- Stream Open Tile
 Road Ditch Tile with Riser
 Drainage Ditch Other (describe) _____

B. PURPOSE OF MONITORING POINT

- Upstream Downstream
 Within Landfill Other (describe) _____

C. MONITORING POINT CONDITIONS

Condition commentary/field notes: Noticeable miscellaneous household waste in & along stream. Sample collected 17:25

Was monitoring point dry? No Too little water to sample? No
 Was water flowing? Yes No
 If yes, estimate quantity 100ml / 110 sec If yes, estimate depth 0.5 ft
 Was water discolored? Yes No
 If yes, describe _____
 Does water have odor? Yes No
 If yes, describe _____
 Was ground discolored? Yes No
 If yes, describe _____
 Litter present? Yes No
 If yes, describe various household items

D. FIELD MEASUREMENT

Weather Conditions cloudy, wind NW 16 mph, 67°F

Field Measurements (after stabilization):

Temperature 19.7 Units °C
 Equipment Used YSI
 pH 7.63 Equipment Used YSI
 Specific Conductivity 1116 Units SPC $\frac{\mu S}{cm}$
 Equipment Used YSI

Turbidity = 5.53 NTU, ORP = 134.8 mV, DO = 7.60 $\frac{mg}{L}$



SURFACE WATER SAMPLING FORM

Site Name: Stoney Point CL Permit No.: _____
 Surface Monitoring Point No.: SW-02 Date/Time: 9/4/25 13:25
 Sampler Name: Michael Morgan

A. TYPE OF MONITORING POINT

- Stream Open Tile
 Road Ditch Tile with Riser
 Drainage Ditch Other (describe) _____

B. PURPOSE OF MONITORING POINT

- Upstream Downstream
 Within Landfill Other (describe) _____

C. MONITORING POINT CONDITIONS

Condition commentary/field notes: staff gauge missing. Metal scale remains, water level covers ~ bottom 2 in of scale
High Temp reading most likely due to YSI in sun.

Was monitoring point dry? No Too little water to sample? No
 Was water flowing? Yes No
 If yes, estimate quantity 50 ml / 10 sec If yes, estimate depth ~ 2 ft
 Was water discolored? Yes No
 If yes, describe _____
 Does water have odor? Yes No
 If yes, describe _____
 Was ground discolored? Yes No
 If yes, describe _____
 Litter present? Yes No
 If yes, describe Household waste

D. FIELD MEASUREMENT

Weather Conditions Sunny, 65°F, wind W 11 mph

Field Measurements (after stabilization):

Temperature 22.0 Units °C
 Equipment Used YSI
 pH 7.93 Equipment Used YSI
 Specific Conductivity 1390 Units $\frac{\mu S}{cm}$
 Equipment Used YSI

DO = 8.32 $\frac{mg}{L}$ ORP = 91.5 mV , Turbidity = 37.07 NTU

Groundwater Sampling Log

Project No. <u>25225065.00</u>	Site <u>Stoney Point</u>
Well No. <u>EW-01</u>	Date <u>9/14/25</u>
Sampling Personnel <u>Michael Morgan</u>	
Total Well Depth <u>17.86</u>	pH/temp/cond/DO/ORP meter model & unit ID # _____
Depth to Water <u>17.29</u>	Date/time pH Calibration Last Checked: _____
Well Volume* _____	Turbidity meter model & unit ID # _____
Sampling Device: Bladder Pump _____ Peristaltic Pump _____ Other: <u>NA</u>	Pumping Rate: _____
Water Color/Odor _____	Pump Start/Stop Time _____
Temperature: <u>67</u> °F Wind Direction: N E <u>(S)</u> W Precip: <u>None</u> Light Heavy Sky: Cloudy <u>Sunny</u> Partly	

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
NO SAMPLE								

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: Not enough fluid in well to obtain sample

*: Volume in a 2-inch well = 617 ml/ft
 S:\1_Scientist Log Forms\LOG FORMS\Groundwater Sampling Log_v3.docx

Groundwater Sampling Log

Project No. <u>25225065.00</u>	Site <u>Stoney Point CL</u>
Well No. <u>LW-03</u>	Date <u>9/4/25</u>
Sampling Personnel <u>Michael Morgan</u>	
Total Well Depth <u>30.00 19.21</u>	pH/temp/cond/DO/ORP meter model & unit ID # <u>Pro D85 23A105517</u>
Depth to Water <u>30.00 17.45</u>	Date/time pH Calibration Last Checked: <u>9/4/25 13:40</u>
Well Volume*	Turbidity meter model & unit ID #
Sampling Device: Bladder Pump <input type="checkbox"/> Peristaltic Pump <input type="checkbox"/> Other: <u>blower</u>	Pumping Rate: _____
Water Color/Odor <u>clear / slight leachate</u>	Pump Start/Stop Time <u>/</u>
Temperature: <u>67°F</u> Wind Direction: <u>N E (S) W</u> Precip: <u>None</u> Light Heavy Sky: <u>Cloudy Sunny</u> Partly	

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements - last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
<u>18:45</u>	<u>30.00</u>	<u>13.2</u>	<u>7.51</u>	<u>4.99</u>	<u>937</u>	<u>75.4</u>	<u>21.16</u>	

Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: Plant detritus and black particulate present. Not enough for full sample. Unable to fill 1 L TSS/TDS bottle

*: Volume in a 2-inch well = 617 ml/ft
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Groundwater Sampling Log

Project No. <u>25225065-00</u>		Site <u>Stoney Point CL</u>	
Well No. <u>LW-02</u>		Date <u>9/4/25</u>	
Sampling Personnel <u>Michael Morgan</u>			
Total Well Depth <u>38.56 38.56</u>	pH/temp/cond/DO/ORP meter model & unit ID # <u>Pro DSS 23A705517</u>		
Depth to Water <u>30.08 30.08</u>	Date/time pH Calibration Last Checked: <u>9/4/25 13:40</u>		
Well Volume*	Turbidity meter model & unit ID #		
Sampling Device:	Bladder Pump	Peristaltic Pump	Other: <u>boiler</u>
Water Color/Odor <u>clear</u> / <u>none</u>		Pumping Rate: _____	
Temperature: <u>67°F</u>		Wind Direction: <u>N E (S) W</u>	Precip: <u>None</u> Light Heavy Sky: <u>Cloudy Sunny</u> Partly

Time	Depth to Water (ft)	Temp. (deg. C)	pH (standard units)	DO (mg/L)	Cond. (µs/cm)	ORP (mV)	Turbidity (NTU)	Notes
Stability Requirements – last 3 consecutive readings must be within:		+/- 3%	+/- 0.1 unit	+/- 10% or 3 readings <0.5 mg/L	+/- 3%	+/- 10mV	+/- 10% or 3 readings <5 NTU	
<u>19:10</u>	<u>30.08</u>	<u>13.5</u>	<u>7.59</u>	<u>2.17</u>	<u>1786</u>	<u>87.0</u>	<u>8.29</u>	<u>SAMPLE</u>


Sample Bottles Collected: _____

Sample Date /Time: _____

Additional Notes: _____

*: Volume in a 2-inch well = 617 ml/ft
 S:\1_Scientist Log Forms\LOG FORMS\Groundwater Sampling Log_v3.docx





Appendix C
Laboratory Analytical Report

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ANALYTICAL REPORT

PREPARED FOR

Attn: Meghan Blodgett
SCS Engineers
2830 Dairy Drive
Madison, Wisconsin 53718

Generated 9/18/2025 4:28:41 PM

JOB DESCRIPTION

Stoney Point Landfill 25225065.00

JOB NUMBER

310-315050-1

Eurofins Cedar Falls

Job Notes

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Authorization



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9/18/2025 4:28:41 PM

Authorized for release by
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Case Narrative

Client: SCS Engineers
Project: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Job ID: 310-315050-1

Eurofins Cedar Falls

Job Narrative 310-315050-1

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

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

Receipt

The samples were received on 9/5/2025 4:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were -2.3°C, -1.9°C, -1.8°C and 1.1°C.

HPLC/IC

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

Metals

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.

Field Service / Mobile Lab

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

Eurofins Cedar Falls

Sample Summary

Client: SCS Engineers
Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
310-315050-1	MW-2A	Water	09/04/25 17:15	09/05/25 16:45	Iowa
310-315050-2	MW-3	Water	09/04/25 16:45	09/05/25 16:45	Iowa
310-315050-3	MW-8	Water	09/04/25 17:12	09/05/25 16:45	Iowa
310-315050-4	MW-9	Water	09/04/25 10:11	09/05/25 16:45	Iowa
310-315050-5	MW-10	Water	09/04/25 12:17	09/05/25 16:45	Iowa
310-315050-6	MW-11	Water	09/04/25 14:47	09/05/25 16:45	Iowa
310-315050-7	MW-12	Water	09/04/25 13:50	09/05/25 16:45	Iowa
310-315050-8	MW-13	Water	09/04/25 15:28	09/05/25 16:45	Iowa
310-315050-9	MW-15	Water	09/04/25 16:10	09/05/25 16:45	Iowa
310-315050-10	MW-16	Water	09/03/25 16:21	09/05/25 16:45	Iowa
310-315050-11	MW-17	Water	09/03/25 16:53	09/05/25 16:45	Iowa
310-315050-12	MW-18	Water	09/03/25 18:26	09/05/25 16:45	Iowa
310-315050-13	MW-21	Water	09/03/25 11:38	09/05/25 16:45	Iowa
310-315050-14	MW-22	Water	09/03/25 13:45	09/05/25 16:45	Iowa
310-315050-15	MW-23	Water	09/04/25 19:34	09/05/25 16:45	Iowa
310-315050-16	MW-24	Water	09/04/25 09:42	09/05/25 16:45	Iowa
310-315050-17	MW-25	Water	09/04/25 18:50	09/05/25 16:45	Iowa
310-315050-18	MW-26	Water	09/03/25 10:26	09/05/25 16:45	Iowa
310-315050-19	SW-1	Water	09/03/25 17:25	09/05/25 16:45	Iowa
310-315050-20	SW-2	Water	09/04/25 13:25	09/05/25 16:45	Iowa
310-315050-21	LW-2	Water	09/04/25 19:10	09/05/25 16:45	Iowa
310-315050-22	LW-3	Water	09/04/25 18:45	09/05/25 16:45	Iowa
310-315050-23	Field Blank	Water	09/03/25 12:15	09/05/25 16:45	Iowa

Detection Summary

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-2A

Lab Sample ID: 310-315050-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	35		5.0	2.1	mg/L	5		9056A	Total/NA
Barium	87		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	140		100	82	ug/L	1		6020B	Total/NA
Calcium	75		0.50	0.19	mg/L	1		6020B	Total/NA
Lithium	6.5	J	10	2.9	ug/L	1		6020B	Total/NA
Magnesium	12000		500	150	ug/L	1		6020B	Total/NA
Manganese	5.4	J	10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	1.9	J	2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	1200		500	170	ug/L	1		6020B	Total/NA
Sodium	15000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	2.3		1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	230		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	230		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	360		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	824.69				ft	1		Field Sampling	Total/NA
Field pH	7.45				SU	1		Field Sampling	Total/NA
Field Conductivity	616				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	16.2				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-3

Lab Sample ID: 310-315050-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	37		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	100		5.0	2.1	mg/L	5		9056A	Total/NA
Calcium	140000		500	190	ug/L	1		6020B	Total/NA
Lithium	3.9	J	10	2.9	ug/L	1		6020B	Total/NA
Magnesium	7200		500	150	ug/L	1		6020B	Total/NA
Potassium	610		500	170	ug/L	1		6020B	Total/NA
Sodium	22000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	7.0		1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	320		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	320		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	550		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	816.00				ft	1		Field Sampling	Total/NA
Field pH	6.83				SU	1		Field Sampling	Total/NA
Field Conductivity	868				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	14.0				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-8

Lab Sample ID: 310-315050-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.8	J	5.0	2.3	mg/L	5		9056A	Total/NA
Fluoride	0.38	J	1.0	0.38	mg/L	5		9056A	Total/NA
Sulfate	17		5.0	2.1	mg/L	5		9056A	Total/NA
Barium	74		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	350		100	82	ug/L	1		6020B	Total/NA
Calcium	59		0.50	0.19	mg/L	1		6020B	Total/NA
Cobalt	0.29	J	0.50	0.17	ug/L	1		6020B	Total/NA
Iron	85	J	100	50	ug/L	1		6020B	Total/NA
Lithium	8.5	J	10	2.9	ug/L	1		6020B	Total/NA
Magnesium	18000		500	150	ug/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-8 (Continued)

Lab Sample ID: 310-315050-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	50		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	2.9		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	1100		500	170	ug/L	1		6020B	Total/NA
Sodium	3700		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	6.1		1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	240		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	240		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	280		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	811.82				ft	1		Field Sampling	Total/NA
Field pH	7.14				SU	1		Field Sampling	Total/NA
Field Conductivity	547				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	14.5				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-9

Lab Sample ID: 310-315050-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	69		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	52		5.0	2.1	mg/L	5		9056A	Total/NA
Boron	620		100	82	ug/L	1		6020B	Total/NA
Calcium	83000		500	190	ug/L	1		6020B	Total/NA
Lithium	9.3	J	10	2.9	ug/L	1		6020B	Total/NA
Magnesium	23000		500	150	ug/L	1		6020B	Total/NA
Potassium	1000		500	170	ug/L	1		6020B	Total/NA
Sodium	40000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	16		3.8	2.6	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	280		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	280		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	460		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	811.31				ft	1		Field Sampling	Total/NA
Field pH	7.21				SU	1		Field Sampling	Total/NA
Field Conductivity	810				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	16.2				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-10

Lab Sample ID: 310-315050-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	25		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	1100		20	8.4	mg/L	20		9056A	Total/NA
Boron	9100		400	330	ug/L	4		6020B	Total/NA
Calcium	250000		500	190	ug/L	1		6020B	Total/NA
Lithium	650		10	2.9	ug/L	1		6020B	Total/NA
Magnesium	72000		500	150	ug/L	1		6020B	Total/NA
Molybdenum	92		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	140000		2000	680	ug/L	4		6020B	Total/NA
Sodium	99000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	73		3.8	2.6	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	390		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	390		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1800		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	799.63				ft	1		Field Sampling	Total/NA
Field pH	6.84				SU	1		Field Sampling	Total/NA
Field Conductivity	2314				umhos/cm	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-10 (Continued)

Lab Sample ID: 310-315050-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field Temperature	17.0				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-11

Lab Sample ID: 310-315050-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	23		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	750		50	21	mg/L	50		9056A	Total/NA
Arsenic	1.5	J	2.0	0.53	ug/L	1		6020B	Total/NA
Barium	53		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	6400		400	330	ug/L	4		6020B	Total/NA
Calcium	270		0.50	0.19	mg/L	1		6020B	Total/NA
Iron	5600		100	50	ug/L	1		6020B	Total/NA
Lead	0.63		0.50	0.33	ug/L	1		6020B	Total/NA
Lithium	290		10	2.9	ug/L	1		6020B	Total/NA
Magnesium	70000		500	150	ug/L	1		6020B	Total/NA
Manganese	240		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	58		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	77000		500	170	ug/L	1		6020B	Total/NA
Sodium	76000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	43		7.5	5.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	400		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	400		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1600		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	799.2				ft	1		Field Sampling	Total/NA
Field pH	6.95				SU	1		Field Sampling	Total/NA
Field Conductivity	2106				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	15.5				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-12

Lab Sample ID: 310-315050-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.2	J	5.0	2.3	mg/L	5		9056A	Total/NA
Fluoride	0.42	J	1.0	0.38	mg/L	5		9056A	Total/NA
Sulfate	13		5.0	2.1	mg/L	5		9056A	Total/NA
Arsenic	21		2.0	0.53	ug/L	1		6020B	Total/NA
Barium	300		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	540		100	82	ug/L	1		6020B	Total/NA
Calcium	110		0.50	0.19	mg/L	1		6020B	Total/NA
Cobalt	2.3		0.50	0.17	ug/L	1		6020B	Total/NA
Iron	5800		100	50	ug/L	1		6020B	Total/NA
Magnesium	20000		500	150	ug/L	1		6020B	Total/NA
Manganese	2200		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	2.9		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	1100		500	170	ug/L	1		6020B	Total/NA
Sodium	17000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	14		7.5	5.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	380		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	380		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	450		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	789.13				ft	1		Field Sampling	Total/NA
Field pH	7.12				SU	1		Field Sampling	Total/NA
Field Conductivity	770				umhos/cm	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-12 (Continued)

Lab Sample ID: 310-315050-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field Temperature	15.8				Degrees C		1	Field Sampling	Total/NA

Client Sample ID: MW-13

Lab Sample ID: 310-315050-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	24		5.0	2.3	mg/L		5	9056A	Total/NA
Sulfate	860		50	21	mg/L		50	9056A	Total/NA
Boron	11000		400	330	ug/L		4	6020B	Total/NA
Calcium	270000		500	190	ug/L		1	6020B	Total/NA
Lithium	660		10	2.9	ug/L		1	6020B	Total/NA
Magnesium	76000		500	150	ug/L		1	6020B	Total/NA
Molybdenum	190		2.0	1.3	ug/L		1	6020B	Total/NA
Potassium	130000		2000	680	ug/L		4	6020B	Total/NA
Sodium	100000		1000	650	ug/L		1	6020B	Total/NA
Total Suspended Solids	22		3.8	2.6	mg/L		1	I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	410		5.0	2.5	mg/L		1	SM 2320B	Total/NA
Total Alkalinity as CaCO3	410		5.0	2.5	mg/L		1	SM 2320B	Total/NA
Total Dissolved Solids	1900		50	36	mg/L		1	SM 2540C	Total/NA
Groundwater Elevation	>799.86				ft		1	Field Sampling	Total/NA
Field pH	6.85				SU		1	Field Sampling	Total/NA
Field Conductivity	2361				umhos/cm		1	Field Sampling	Total/NA
Field Temperature	15.9				Degrees C		1	Field Sampling	Total/NA

Client Sample ID: MW-15

Lab Sample ID: 310-315050-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	25		5.0	2.3	mg/L		5	9056A	Total/NA
Sulfate	1300		50	21	mg/L		50	9056A	Total/NA
Arsenic	0.78	J	2.0	0.53	ug/L		1	6020B	Total/NA
Barium	20		2.0	0.66	ug/L		1	6020B	Total/NA
Boron	14000		400	330	ug/L		4	6020B	Total/NA
Calcium	440		0.50	0.19	mg/L		1	6020B	Total/NA
Cobalt	3.5		0.50	0.17	ug/L		1	6020B	Total/NA
Iron	400		100	50	ug/L		1	6020B	Total/NA
Lithium	57		10	2.9	ug/L		1	6020B	Total/NA
Magnesium	67000		500	150	ug/L		1	6020B	Total/NA
Manganese	940		10	3.6	ug/L		1	6020B	Total/NA
Molybdenum	6.0		2.0	1.3	ug/L		1	6020B	Total/NA
Potassium	39000		500	170	ug/L		1	6020B	Total/NA
Sodium	150000		1000	650	ug/L		1	6020B	Total/NA
Total Suspended Solids	1.6	J	1.9	1.3	mg/L		1	I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	260		5.0	2.5	mg/L		1	SM 2320B	Total/NA
Total Alkalinity as CaCO3	260		5.0	2.5	mg/L		1	SM 2320B	Total/NA
Total Dissolved Solids	2400		250	180	mg/L		1	SM 2540C	Total/NA
Groundwater Elevation	791.99				ft		1	Field Sampling	Total/NA
Field pH	6.80				SU		1	Field Sampling	Total/NA
Field Conductivity	2657				umhos/cm		1	Field Sampling	Total/NA
Field Temperature	14.5				Degrees C		1	Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-16

Lab Sample ID: 310-315050-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.0		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	960		50	21	mg/L	50		9056A	Total/NA
Arsenic	4.0		2.0	0.53	ug/L	1		6020B	Total/NA
Barium	39		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	30000		1000	820	ug/L	10		6020B	Total/NA
Calcium	230		0.50	0.19	mg/L	1		6020B	Total/NA
Cobalt	2.5		0.50	0.17	ug/L	1		6020B	Total/NA
Iron	520		100	50	ug/L	1		6020B	Total/NA
Lithium	360		10	2.9	ug/L	1		6020B	Total/NA
Magnesium	53000		500	150	ug/L	1		6020B	Total/NA
Manganese	410		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	150		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	390000		5000	1700	ug/L	10		6020B	Total/NA
Sodium	60000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	2.9		1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	530		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	530		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2100		250	180	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	--				ft	1		Field Sampling	Total/NA
Field pH	6.68				SU	1		Field Sampling	Total/NA
Field Conductivity	2535				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	15.5				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-17

Lab Sample ID: 310-315050-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	61		5.0	2.1	mg/L	5		9056A	Total/NA
Barium	52		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	1000		200	160	ug/L	2		6020B	Total/NA
Calcium	200		0.50	0.19	mg/L	1		6020B	Total/NA
Iron	2000		100	50	ug/L	1		6020B	Total/NA
Lithium	21		10	2.9	ug/L	1		6020B	Total/NA
Magnesium	53000		500	150	ug/L	1		6020B	Total/NA
Manganese	230		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	2.5		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	3100		500	170	ug/L	1		6020B	Total/NA
Sodium	48000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	6.6		1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	340		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	340		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1100		250	180	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	>804.99				ft	1		Field Sampling	Total/NA
Field pH	7.13				SU	1		Field Sampling	Total/NA
Field Conductivity	1448				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	14.1				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-18

Lab Sample ID: 310-315050-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	26		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	820		50	21	mg/L	50		9056A	Total/NA
Boron	8700		400	330	ug/L	4		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-18 (Continued)

Lab Sample ID: 310-315050-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	250000		500	190	ug/L	1		6020B	Total/NA
Lithium	500		10	2.9	ug/L	1		6020B	Total/NA
Magnesium	68000		500	150	ug/L	1		6020B	Total/NA
Molybdenum	75		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	97000		2000	680	ug/L	4		6020B	Total/NA
Sodium	88000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	5.7		1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	400		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	400		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1800		250	180	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	>804.94				ft	1		Field Sampling	Total/NA
Field pH	6.93				SU	1		Field Sampling	Total/NA
Field Conductivity	2177				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	12.1				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-21

Lab Sample ID: 310-315050-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	19		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	170		5.0	2.1	mg/L	5		9056A	Total/NA
Arsenic	40		2.0	0.53	ug/L	1		6020B	Total/NA
Barium	400		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	200		100	82	ug/L	1		6020B	Total/NA
Calcium	150		0.50	0.19	mg/L	1		6020B	Total/NA
Cobalt	0.86		0.50	0.17	ug/L	1		6020B	Total/NA
Iron	15000		100	50	ug/L	1		6020B	Total/NA
Lead	0.62		0.50	0.33	ug/L	1		6020B	Total/NA
Lithium	5.1	J	10	2.9	ug/L	1		6020B	Total/NA
Magnesium	39000		500	150	ug/L	1		6020B	Total/NA
Manganese	410		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	1.4	J	2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	870		500	170	ug/L	1		6020B	Total/NA
Sodium	20000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	50		15	11	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	390		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	390		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	710		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	792.48				ft	1		Field Sampling	Total/NA
Field pH	6.82				SU	1		Field Sampling	Total/NA
Field Conductivity	1010				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	15.4				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-22

Lab Sample ID: 310-315050-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	37		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	180		5.0	2.1	mg/L	5		9056A	Total/NA
Barium	180		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	140		100	82	ug/L	1		6020B	Total/NA
Calcium	140		0.50	0.19	mg/L	1		6020B	Total/NA
Iron	1200		100	50	ug/L	1		6020B	Total/NA
Lithium	8.9	J	10	2.9	ug/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: SCS Engineers
Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-22 (Continued)

Lab Sample ID: 310-315050-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	34000		500	150	ug/L	1		6020B	Total/NA
Manganese	130		10	3.6	ug/L	1		6020B	Total/NA
Potassium	740		500	170	ug/L	1		6020B	Total/NA
Sodium	21000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	3.1		1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	330		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	330		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	690		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	>800.49				ft	1		Field Sampling	Total/NA
Field pH	7.09				SU	1		Field Sampling	Total/NA
Field Conductivity	991				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	11.8				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-23

Lab Sample ID: 310-315050-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.2		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	37		5.0	2.1	mg/L	5		9056A	Total/NA
Arsenic	2.1		2.0	0.53	ug/L	1		6020B	Total/NA
Barium	190		2.0	0.66	ug/L	1		6020B	Total/NA
Beryllium	0.39	J	1.0	0.33	ug/L	1		6020B	Total/NA
Boron	230		100	82	ug/L	1		6020B	Total/NA
Calcium	90		0.50	0.19	mg/L	1		6020B	Total/NA
Cobalt	0.57		0.50	0.17	ug/L	1		6020B	Total/NA
Iron	2500		100	50	ug/L	1		6020B	Total/NA
Lead	6.8		0.50	0.33	ug/L	1		6020B	Total/NA
Lithium	18		10	2.9	ug/L	1		6020B	Total/NA
Magnesium	29000		500	150	ug/L	1		6020B	Total/NA
Manganese	71		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	1.3	J	2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	1700		500	170	ug/L	1		6020B	Total/NA
Sodium	10000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	190		15	11	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	320		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	320		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	380		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	793.34				ft	1		Field Sampling	Total/NA
Field pH	7.67				SU	1		Field Sampling	Total/NA
Field Conductivity	673				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	14.2				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-24

Lab Sample ID: 310-315050-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	30		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	26		5.0	2.1	mg/L	5		9056A	Total/NA
Arsenic	1.7	J	2.0	0.53	ug/L	1		6020B	Total/NA
Barium	290		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	92	J	100	82	ug/L	1		6020B	Total/NA
Calcium	69		0.50	0.19	mg/L	1		6020B	Total/NA
Iron	2600		100	50	ug/L	1		6020B	Total/NA
Magnesium	26000		500	150	ug/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-24 (Continued)

Lab Sample ID: 310-315050-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	360		10	3.6	ug/L	1		6020B	Total/NA
Potassium	1600		500	170	ug/L	1		6020B	Total/NA
Sodium	9800		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	5.3		3.8	2.6	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	240		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	240		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	350		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	810.04				ft	1		Field Sampling	Total/NA
Field pH	7.18				SU	1		Field Sampling	Total/NA
Field Conductivity	610				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	17.4				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-25

Lab Sample ID: 310-315050-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.5		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	23		5.0	2.1	mg/L	5		9056A	Total/NA
Arsenic	0.64	J	2.0	0.53	ug/L	1		6020B	Total/NA
Barium	300		2.0	0.66	ug/L	1		6020B	Total/NA
Calcium	100		0.50	0.19	mg/L	1		6020B	Total/NA
Cobalt	0.34	J	0.50	0.17	ug/L	1		6020B	Total/NA
Iron	230	F1	100	50	ug/L	1		6020B	Total/NA
Lead	0.39	J	0.50	0.33	ug/L	1		6020B	Total/NA
Lithium	3.4	J	10	2.9	ug/L	1		6020B	Total/NA
Magnesium	20000		500	150	ug/L	1		6020B	Total/NA
Manganese	200		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	1.4	J	2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	890		500	170	ug/L	1		6020B	Total/NA
Sodium	9600		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	8.6		1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	340		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	340		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	400		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	805.91				ft	1		Field Sampling	Total/NA
Field pH	7.22				SU	1		Field Sampling	Total/NA
Field Conductivity	2647				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	13.9				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: MW-26

Lab Sample ID: 310-315050-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	130		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	42		5.0	2.1	mg/L	5		9056A	Total/NA
Barium	120		2.0	0.66	ug/L	1		6020B	Total/NA
Calcium	150		0.50	0.19	mg/L	1		6020B	Total/NA
Cobalt	0.57		0.50	0.17	ug/L	1		6020B	Total/NA
Iron	270		100	50	ug/L	1		6020B	Total/NA
Lithium	9.2	J	10	2.9	ug/L	1		6020B	Total/NA
Magnesium	9200		500	150	ug/L	1		6020B	Total/NA
Manganese	5.2	J	10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	2.7		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	470	J	500	170	ug/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: SCS Engineers
 Project/Site: Stony Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-26 (Continued)

Lab Sample ID: 310-315050-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	71000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	1.5	J	1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	360		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	360		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	670		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	801.84				ft	1		Field Sampling	Total/NA
Field pH	6.40				SU	1		Field Sampling	Total/NA
Field Conductivity	1130				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	13.3				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: SW-1

Lab Sample ID: 310-315050-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	120		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	57		5.0	2.1	mg/L	5		9056A	Total/NA
Arsenic	2.1		2.0	0.53	ug/L	1		6020B	Total/NA
Barium	150		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	680		100	82	ug/L	1		6020B	Total/NA
Calcium	130		0.50	0.19	mg/L	1		6020B	Total/NA
Cobalt	0.39	J	0.50	0.17	ug/L	1		6020B	Total/NA
Iron	250		100	50	ug/L	1		6020B	Total/NA
Lithium	19		10	2.9	ug/L	1		6020B	Total/NA
Magnesium	30000		500	150	ug/L	1		6020B	Total/NA
Manganese	510		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	6.8		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	7600		500	170	ug/L	1		6020B	Total/NA
Sodium	43000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	4.3	J	5.0	3.5	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	330		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	330		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	620		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	--				ft	1		Field Sampling	Total/NA
Field pH	7.63				SU	1		Field Sampling	Total/NA
Field Conductivity	1116				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	19.7				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: SW-2

Lab Sample ID: 310-315050-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	110		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	160		5.0	2.1	mg/L	5		9056A	Total/NA
Arsenic	2.0		2.0	0.53	ug/L	1		6020B	Total/NA
Barium	140		2.0	0.66	ug/L	1		6020B	Total/NA
Boron	2900		100	82	ug/L	1		6020B	Total/NA
Calcium	150		0.50	0.19	mg/L	1		6020B	Total/NA
Cobalt	0.19	J	0.50	0.17	ug/L	1		6020B	Total/NA
Iron	150		100	50	ug/L	1		6020B	Total/NA
Lithium	47		10	2.9	ug/L	1		6020B	Total/NA
Magnesium	32000		500	150	ug/L	1		6020B	Total/NA
Manganese	130		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	26		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	30000		500	170	ug/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: SCS Engineers
Project/Site: Stony Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: SW-2 (Continued)

Lab Sample ID: 310-315050-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	49000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	2.8		1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	350		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	350		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	870		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	--				ft	1		Field Sampling	Total/NA
Field pH	7.93				SU	1		Field Sampling	Total/NA
Field Conductivity	1390				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	22.0				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: LW-2

Lab Sample ID: 310-315050-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	500		50	21	mg/L	50		9056A	Total/NA
Arsenic	140		2.0	0.53	ug/L	1		6020B	Total/NA
Boron	13000		400	330	ug/L	4		6020B	Total/NA
Calcium	100		0.50	0.19	mg/L	1		6020B	Total/NA
Lithium	500		10	2.9	ug/L	1		6020B	Total/NA
Magnesium	66000		500	150	ug/L	1		6020B	Total/NA
Manganese	210		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	110		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	210000		2000	680	ug/L	4		6020B	Total/NA
Sodium	53000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	16		1.9	1.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	400		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	400		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1600		250	180	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	805.66				ft	1		Field Sampling	Total/NA
Field pH	7.59				SU	1		Field Sampling	Total/NA
Field Conductivity	1786				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	13.5				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: LW-3

Lab Sample ID: 310-315050-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.9	J	5.0	2.3	mg/L	5		9056A	Total/NA
Sulfate	240		5.0	2.1	mg/L	5		9056A	Total/NA
Arsenic	53		2.0	0.53	ug/L	1		6020B	Total/NA
Boron	3200		100	82	ug/L	1		6020B	Total/NA
Calcium	110		0.50	0.19	mg/L	1		6020B	Total/NA
Lithium	100		10	2.9	ug/L	1		6020B	Total/NA
Magnesium	35000		500	150	ug/L	1		6020B	Total/NA
Manganese	57		10	3.6	ug/L	1		6020B	Total/NA
Molybdenum	29		2.0	1.3	ug/L	1		6020B	Total/NA
Potassium	26000		500	170	ug/L	1		6020B	Total/NA
Sodium	13000		1000	650	ug/L	1		6020B	Total/NA
Total Suspended Solids	27		7.5	5.3	mg/L	1		I-3765-85	Total/NA
Bicarbonate Alkalinity as CaCO3	270		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Alkalinity as CaCO3	270		5.0	2.5	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	740		50	36	mg/L	1		SM 2540C	Total/NA
Groundwater Elevation	821.01				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Detection Summary

Client: SCS Engineers
Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: LW-3 (Continued)

Lab Sample ID: 310-315050-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Field pH	7.51				SU	1		Field Sampling	Total/NA
Field Conductivity	937				umhos/cm	1		Field Sampling	Total/NA
Field Temperature	13.2				Degrees C	1		Field Sampling	Total/NA

Client Sample ID: Field Blank

Lab Sample ID: 310-315050-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	110		100	82	ug/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cedar Falls

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-2A

Lab Sample ID: 310-315050-1

Date Collected: 09/04/25 17:15

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		5.0	2.3	mg/L			09/09/25 21:05	5
Fluoride	<0.38		1.0	0.38	mg/L			09/09/25 21:05	5
Sulfate	35		5.0	2.1	mg/L			09/09/25 21:05	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.53		2.0	0.53	ug/L		09/10/25 09:00	09/11/25 16:10	1
Barium	87		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 16:10	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 16:10	1
Boron	140		100	82	ug/L		09/10/25 09:00	09/12/25 14:05	1
Calcium	75		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 16:10	1
Cobalt	<0.17		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 16:10	1
Iron	<50		100	50	ug/L		09/10/25 09:00	09/11/25 16:10	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 16:10	1
Lithium	6.5 J		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:10	1
Magnesium	12000		500	150	ug/L		09/10/25 09:00	09/11/25 16:10	1
Manganese	5.4 J		10	3.6	ug/L		09/10/25 09:00	09/11/25 16:10	1
Molybdenum	1.9 J		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:10	1
Potassium	1200		500	170	ug/L		09/10/25 09:00	09/11/25 16:10	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 16:10	1
Sodium	15000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	2.3		1.9	1.3	mg/L			09/10/25 11:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	230		5.0	2.5	mg/L			09/11/25 17:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 17:53	1
Total Alkalinity as CaCO3 (SM 2320B)	230		5.0	2.5	mg/L			09/11/25 17:53	1
Total Dissolved Solids (SM 2540C)	360		50	36	mg/L			09/09/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	824.69				ft			09/04/25 17:15	1
Field pH	7.45				SU			09/04/25 17:15	1
Field Conductivity	616				umhos/cm			09/04/25 17:15	1
Field Temperature	16.2				Degrees C			09/04/25 17:15	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-3

Lab Sample ID: 310-315050-2

Date Collected: 09/04/25 16:45

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37		5.0	2.3	mg/L			09/09/25 21:17	5
Fluoride	<0.38		1.0	0.38	mg/L			09/09/25 21:17	5
Sulfate	100		5.0	2.1	mg/L			09/09/25 21:17	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<82		100	82	ug/L		09/10/25 09:00	09/12/25 14:08	1
Calcium	140000		500	190	ug/L		09/10/25 09:00	09/11/25 16:13	1
Lithium	3.9	J	10	2.9	ug/L		09/10/25 09:00	09/11/25 16:13	1
Magnesium	7200		500	150	ug/L		09/10/25 09:00	09/11/25 16:13	1
Molybdenum	<1.3		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:13	1
Potassium	610		500	170	ug/L		09/10/25 09:00	09/11/25 16:13	1
Sodium	22000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	7.0		1.9	1.3	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	320		5.0	2.5	mg/L			09/11/25 18:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 18:11	1
Total Alkalinity as CaCO3 (SM 2320B)	320		5.0	2.5	mg/L			09/11/25 18:11	1
Total Dissolved Solids (SM 2540C)	550		50	36	mg/L			09/09/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	816.00				ft			09/04/25 16:45	1
Field pH	6.83				SU			09/04/25 16:45	1
Field Conductivity	868				umhos/cm			09/04/25 16:45	1
Field Temperature	14.0				Degrees C			09/04/25 16:45	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-8

Lab Sample ID: 310-315050-3

Date Collected: 09/04/25 17:12

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.8	J	5.0	2.3	mg/L			09/09/25 21:28	5
Fluoride	0.38	J	1.0	0.38	mg/L			09/09/25 21:28	5
Sulfate	17		5.0	2.1	mg/L			09/09/25 21:28	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.53		2.0	0.53	ug/L		09/10/25 09:00	09/11/25 16:16	1
Barium	74		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 16:16	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 16:16	1
Boron	350		100	82	ug/L		09/10/25 09:00	09/12/25 14:10	1
Calcium	59		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 16:16	1
Cobalt	0.29	J	0.50	0.17	ug/L		09/10/25 09:00	09/11/25 16:16	1
Iron	85	J	100	50	ug/L		09/10/25 09:00	09/11/25 16:16	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 16:16	1
Lithium	8.5	J	10	2.9	ug/L		09/10/25 09:00	09/11/25 16:16	1
Magnesium	18000		500	150	ug/L		09/10/25 09:00	09/11/25 16:16	1
Manganese	50		10	3.6	ug/L		09/10/25 09:00	09/11/25 16:16	1
Molybdenum	2.9		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:16	1
Potassium	1100		500	170	ug/L		09/10/25 09:00	09/11/25 16:16	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 16:16	1
Sodium	3700		1000	650	ug/L		09/10/25 09:00	09/11/25 16:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	6.1		1.9	1.3	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	240		5.0	2.5	mg/L			09/11/25 18:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 18:22	1
Total Alkalinity as CaCO3 (SM 2320B)	240		5.0	2.5	mg/L			09/11/25 18:22	1
Total Dissolved Solids (SM 2540C)	280		50	36	mg/L			09/09/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	811.82				ft			09/04/25 17:12	1
Field pH	7.14				SU			09/04/25 17:12	1
Field Conductivity	547				umhos/cm			09/04/25 17:12	1
Field Temperature	14.5				Degrees C			09/04/25 17:12	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-9

Lab Sample ID: 310-315050-4

Date Collected: 09/04/25 10:11

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69		5.0	2.3	mg/L			09/09/25 22:03	5
Fluoride	<0.38		1.0	0.38	mg/L			09/09/25 22:03	5
Sulfate	52		5.0	2.1	mg/L			09/09/25 22:03	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	620		100	82	ug/L		09/10/25 09:00	09/12/25 14:13	1
Calcium	83000		500	190	ug/L		09/10/25 09:00	09/11/25 16:18	1
Lithium	9.3	J	10	2.9	ug/L		09/10/25 09:00	09/11/25 16:18	1
Magnesium	23000		500	150	ug/L		09/10/25 09:00	09/11/25 16:18	1
Molybdenum	<1.3		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:18	1
Potassium	1000		500	170	ug/L		09/10/25 09:00	09/11/25 16:18	1
Sodium	40000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	16		3.8	2.6	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	280		5.0	2.5	mg/L			09/11/25 18:31	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 18:31	1
Total Alkalinity as CaCO3 (SM 2320B)	280		5.0	2.5	mg/L			09/11/25 18:31	1
Total Dissolved Solids (SM 2540C)	460		50	36	mg/L			09/09/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	811.31				ft			09/04/25 10:11	1
Field pH	7.21				SU			09/04/25 10:11	1
Field Conductivity	810				umhos/cm			09/04/25 10:11	1
Field Temperature	16.2				Degrees C			09/04/25 10:11	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-10

Lab Sample ID: 310-315050-5

Date Collected: 09/04/25 12:17

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25		5.0	2.3	mg/L			09/09/25 22:15	5
Fluoride	<0.38		1.0	0.38	mg/L			09/09/25 22:15	5
Sulfate	1100		20	8.4	mg/L			09/11/25 11:24	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	9100		400	330	ug/L		09/10/25 09:00	09/12/25 14:16	4
Calcium	250000		500	190	ug/L		09/10/25 09:00	09/11/25 16:21	1
Lithium	650		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:21	1
Magnesium	72000		500	150	ug/L		09/10/25 09:00	09/11/25 16:21	1
Molybdenum	92		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:21	1
Potassium	140000		2000	680	ug/L		09/10/25 09:00	09/12/25 14:16	4
Sodium	99000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	73		3.8	2.6	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	390		5.0	2.5	mg/L			09/11/25 18:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 18:40	1
Total Alkalinity as CaCO3 (SM 2320B)	390		5.0	2.5	mg/L			09/11/25 18:40	1
Total Dissolved Solids (SM 2540C)	1800		50	36	mg/L			09/10/25 16:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	799.63				ft			09/04/25 12:17	1
Field pH	6.84				SU			09/04/25 12:17	1
Field Conductivity	2314				umhos/cm			09/04/25 12:17	1
Field Temperature	17.0				Degrees C			09/04/25 12:17	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-11

Lab Sample ID: 310-315050-6

Date Collected: 09/04/25 14:47

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23		5.0	2.3	mg/L			09/12/25 20:16	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 20:16	5
Sulfate	750		50	21	mg/L			09/13/25 12:31	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.5	J	2.0	0.53	ug/L		09/10/25 09:00	09/11/25 16:28	1
Barium	53		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 16:28	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 16:28	1
Boron	6400		400	330	ug/L		09/10/25 09:00	09/12/25 14:19	4
Calcium	270		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 16:28	1
Cobalt	<0.17		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 16:28	1
Iron	5600		100	50	ug/L		09/10/25 09:00	09/11/25 16:28	1
Lead	0.63		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 16:28	1
Lithium	290		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:28	1
Magnesium	70000		500	150	ug/L		09/10/25 09:00	09/11/25 16:28	1
Manganese	240		10	3.6	ug/L		09/10/25 09:00	09/11/25 16:28	1
Molybdenum	58		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:28	1
Potassium	77000		500	170	ug/L		09/10/25 09:00	09/11/25 16:28	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 16:28	1
Sodium	76000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	43		7.5	5.3	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	400		5.0	2.5	mg/L			09/11/25 18:51	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 18:51	1
Total Alkalinity as CaCO3 (SM 2320B)	400		5.0	2.5	mg/L			09/11/25 18:51	1
Total Dissolved Solids (SM 2540C)	1600		50	36	mg/L			09/10/25 16:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	799.2				ft			09/04/25 14:47	1
Field pH	6.95				SU			09/04/25 14:47	1
Field Conductivity	2106				umhos/cm			09/04/25 14:47	1
Field Temperature	15.5				Degrees C			09/04/25 14:47	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-12

Lab Sample ID: 310-315050-7

Date Collected: 09/04/25 13:50

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.2	J	5.0	2.3	mg/L			09/12/25 20:30	5
Fluoride	0.42	J	1.0	0.38	mg/L			09/12/25 20:30	5
Sulfate	13		5.0	2.1	mg/L			09/12/25 20:30	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	21		2.0	0.53	ug/L		09/10/25 09:00	09/11/25 16:31	1
Barium	300		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 16:31	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 16:31	1
Boron	540		100	82	ug/L		09/10/25 09:00	09/12/25 14:22	1
Calcium	110		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 16:31	1
Cobalt	2.3		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 16:31	1
Iron	5800		100	50	ug/L		09/10/25 09:00	09/11/25 16:31	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 16:31	1
Lithium	<2.9		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:31	1
Magnesium	20000		500	150	ug/L		09/10/25 09:00	09/11/25 16:31	1
Manganese	2200		10	3.6	ug/L		09/10/25 09:00	09/11/25 16:31	1
Molybdenum	2.9		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:31	1
Potassium	1100		500	170	ug/L		09/10/25 09:00	09/11/25 16:31	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 16:31	1
Sodium	17000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	14		7.5	5.3	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	380		5.0	2.5	mg/L			09/11/25 19:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 19:10	1
Total Alkalinity as CaCO3 (SM 2320B)	380		5.0	2.5	mg/L			09/11/25 19:10	1
Total Dissolved Solids (SM 2540C)	450		50	36	mg/L			09/10/25 16:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	789.13				ft			09/04/25 13:50	1
Field pH	7.12				SU			09/04/25 13:50	1
Field Conductivity	770				umhos/cm			09/04/25 13:50	1
Field Temperature	15.8				Degrees C			09/04/25 13:50	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-13

Lab Sample ID: 310-315050-8

Date Collected: 09/04/25 15:28

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24		5.0	2.3	mg/L			09/12/25 20:44	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 20:44	5
Sulfate	860		50	21	mg/L			09/13/25 12:45	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	11000		400	330	ug/L		09/10/25 09:00	09/12/25 14:25	4
Calcium	270000		500	190	ug/L		09/10/25 09:00	09/11/25 16:33	1
Lithium	660		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:33	1
Magnesium	76000		500	150	ug/L		09/10/25 09:00	09/11/25 16:33	1
Molybdenum	190		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:33	1
Potassium	130000		2000	680	ug/L		09/10/25 09:00	09/12/25 14:25	4
Sodium	100000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	22		3.8	2.6	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	410		5.0	2.5	mg/L			09/11/25 19:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 19:20	1
Total Alkalinity as CaCO3 (SM 2320B)	410		5.0	2.5	mg/L			09/11/25 19:20	1
Total Dissolved Solids (SM 2540C)	1900		50	36	mg/L			09/10/25 16:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	>799.86				ft			09/04/25 15:28	1
Field pH	6.85				SU			09/04/25 15:28	1
Field Conductivity	2361				umhos/cm			09/04/25 15:28	1
Field Temperature	15.9				Degrees C			09/04/25 15:28	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-15

Lab Sample ID: 310-315050-9

Date Collected: 09/04/25 16:10

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25		5.0	2.3	mg/L			09/12/25 20:58	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 20:58	5
Sulfate	1300		50	21	mg/L			09/13/25 12:59	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.78	J	2.0	0.53	ug/L		09/10/25 09:00	09/11/25 16:39	1
Barium	20		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 16:39	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 16:39	1
Boron	14000		400	330	ug/L		09/10/25 09:00	09/12/25 14:36	4
Calcium	440		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 16:39	1
Cobalt	3.5		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 16:39	1
Iron	400		100	50	ug/L		09/10/25 09:00	09/11/25 16:39	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 16:39	1
Lithium	57		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:39	1
Magnesium	67000		500	150	ug/L		09/10/25 09:00	09/11/25 16:39	1
Manganese	940		10	3.6	ug/L		09/10/25 09:00	09/11/25 16:39	1
Molybdenum	6.0		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:39	1
Potassium	39000		500	170	ug/L		09/10/25 09:00	09/11/25 16:39	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 16:39	1
Sodium	150000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	1.6	J	1.9	1.3	mg/L			09/10/25 11:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	260		5.0	2.5	mg/L			09/11/25 19:31	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 19:31	1
Total Alkalinity as CaCO3 (SM 2320B)	260		5.0	2.5	mg/L			09/11/25 19:31	1
Total Dissolved Solids (SM 2540C)	2400		250	180	mg/L			09/10/25 16:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	791.99				ft			09/04/25 16:10	1
Field pH	6.80				SU			09/04/25 16:10	1
Field Conductivity	2657				umhos/cm			09/04/25 16:10	1
Field Temperature	14.5				Degrees C			09/04/25 16:10	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-16

Lab Sample ID: 310-315050-10

Date Collected: 09/03/25 16:21

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.0		5.0	2.3	mg/L			09/12/25 21:12	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 21:12	5
Sulfate	960		50	21	mg/L			09/15/25 12:34	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0		2.0	0.53	ug/L		09/10/25 09:00	09/11/25 16:41	1
Barium	39		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 16:41	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 16:41	1
Boron	30000		1000	820	ug/L		09/10/25 09:00	09/12/25 14:39	10
Calcium	230		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 16:41	1
Cobalt	2.5		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 16:41	1
Iron	520		100	50	ug/L		09/10/25 09:00	09/11/25 16:41	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 16:41	1
Lithium	360		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:41	1
Magnesium	53000		500	150	ug/L		09/10/25 09:00	09/11/25 16:41	1
Manganese	410		10	3.6	ug/L		09/10/25 09:00	09/11/25 16:41	1
Molybdenum	150		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:41	1
Potassium	390000		5000	1700	ug/L		09/10/25 09:00	09/12/25 14:39	10
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 16:41	1
Sodium	60000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	2.9		1.9	1.3	mg/L			09/09/25 07:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	530		5.0	2.5	mg/L			09/11/25 19:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 19:40	1
Total Alkalinity as CaCO3 (SM 2320B)	530		5.0	2.5	mg/L			09/11/25 19:40	1
Total Dissolved Solids (SM 2540C)	2100		250	180	mg/L			09/08/25 11:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	--				ft			09/03/25 16:21	1
Field pH	6.68				SU			09/03/25 16:21	1
Field Conductivity	2535				umhos/cm			09/03/25 16:21	1
Field Temperature	15.5				Degrees C			09/03/25 16:21	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-17

Lab Sample ID: 310-315050-11

Date Collected: 09/03/25 16:53

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<2.3		5.0	2.3	mg/L			09/12/25 21:26	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 21:26	5
Sulfate	61		5.0	2.1	mg/L			09/12/25 21:26	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.53		2.0	0.53	ug/L		09/10/25 09:00	09/11/25 16:44	1
Barium	52		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 16:44	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 16:44	1
Boron	1000		200	160	ug/L		09/10/25 09:00	09/12/25 14:42	2
Calcium	200		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 16:44	1
Cobalt	<0.17		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 16:44	1
Iron	2000		100	50	ug/L		09/10/25 09:00	09/11/25 16:44	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 16:44	1
Lithium	21		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:44	1
Magnesium	53000		500	150	ug/L		09/10/25 09:00	09/11/25 16:44	1
Manganese	230		10	3.6	ug/L		09/10/25 09:00	09/11/25 16:44	1
Molybdenum	2.5		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:44	1
Potassium	3100		500	170	ug/L		09/10/25 09:00	09/11/25 16:44	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 16:44	1
Sodium	48000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	6.6		1.9	1.3	mg/L			09/09/25 07:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	340		5.0	2.5	mg/L			09/11/25 20:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 20:04	1
Total Alkalinity as CaCO3 (SM 2320B)	340		5.0	2.5	mg/L			09/11/25 20:04	1
Total Dissolved Solids (SM 2540C)	1100		250	180	mg/L			09/08/25 11:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	>804.99				ft			09/03/25 16:53	1
Field pH	7.13				SU			09/03/25 16:53	1
Field Conductivity	1448				umhos/cm			09/03/25 16:53	1
Field Temperature	14.1				Degrees C			09/03/25 16:53	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-18

Lab Sample ID: 310-315050-12

Date Collected: 09/03/25 18:26

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26		5.0	2.3	mg/L			09/12/25 22:09	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 22:09	5
Sulfate	820		50	21	mg/L			09/13/25 13:27	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	8700		400	330	ug/L		09/10/25 09:00	09/12/25 14:45	4
Calcium	250000		500	190	ug/L		09/10/25 09:00	09/11/25 16:46	1
Lithium	500		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:46	1
Magnesium	68000		500	150	ug/L		09/10/25 09:00	09/11/25 16:46	1
Molybdenum	75		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:46	1
Potassium	97000		2000	680	ug/L		09/10/25 09:00	09/12/25 14:45	4
Sodium	88000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	5.7		1.9	1.3	mg/L			09/09/25 07:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	400		5.0	2.5	mg/L			09/11/25 20:14	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 20:14	1
Total Alkalinity as CaCO3 (SM 2320B)	400		5.0	2.5	mg/L			09/11/25 20:14	1
Total Dissolved Solids (SM 2540C)	1800		250	180	mg/L			09/08/25 11:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	>804.94				ft			09/03/25 18:26	1
Field pH	6.93				SU			09/03/25 18:26	1
Field Conductivity	2177				umhos/cm			09/03/25 18:26	1
Field Temperature	12.1				Degrees C			09/03/25 18:26	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-21

Lab Sample ID: 310-315050-13

Date Collected: 09/03/25 11:38

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19		5.0	2.3	mg/L			09/12/25 22:23	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 22:23	5
Sulfate	170		5.0	2.1	mg/L			09/12/25 22:23	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	40		2.0	0.53	ug/L		09/10/25 09:00	09/11/25 16:49	1
Barium	400		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 16:49	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 16:49	1
Boron	200		100	82	ug/L		09/10/25 09:00	09/12/25 14:48	1
Calcium	150		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 16:49	1
Cobalt	0.86		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 16:49	1
Iron	15000		100	50	ug/L		09/10/25 09:00	09/11/25 16:49	1
Lead	0.62		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 16:49	1
Lithium	5.1	J	10	2.9	ug/L		09/10/25 09:00	09/11/25 16:49	1
Magnesium	39000		500	150	ug/L		09/10/25 09:00	09/11/25 16:49	1
Manganese	410		10	3.6	ug/L		09/10/25 09:00	09/11/25 16:49	1
Molybdenum	1.4	J	2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:49	1
Potassium	870		500	170	ug/L		09/10/25 09:00	09/11/25 16:49	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 16:49	1
Sodium	20000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	50		15	11	mg/L			09/09/25 07:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	390		5.0	2.5	mg/L			09/11/25 20:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/11/25 20:26	1
Total Alkalinity as CaCO3 (SM 2320B)	390		5.0	2.5	mg/L			09/11/25 20:26	1
Total Dissolved Solids (SM 2540C)	710		50	36	mg/L			09/08/25 11:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	792.48				ft			09/03/25 11:38	1
Field pH	6.82				SU			09/03/25 11:38	1
Field Conductivity	1010				umhos/cm			09/03/25 11:38	1
Field Temperature	15.4				Degrees C			09/03/25 11:38	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-22

Lab Sample ID: 310-315050-14

Date Collected: 09/03/25 13:45

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37		5.0	2.3	mg/L			09/12/25 22:37	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 22:37	5
Sulfate	180		5.0	2.1	mg/L			09/12/25 22:37	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.53		2.0	0.53	ug/L		09/10/25 09:00	09/11/25 16:51	1
Barium	180		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 16:51	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 16:51	1
Boron	140		100	82	ug/L		09/10/25 09:00	09/12/25 14:51	1
Calcium	140		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 16:51	1
Cobalt	<0.17		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 16:51	1
Iron	1200		100	50	ug/L		09/10/25 09:00	09/11/25 16:51	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 16:51	1
Lithium	8.9 J		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:51	1
Magnesium	34000		500	150	ug/L		09/10/25 09:00	09/11/25 16:51	1
Manganese	130		10	3.6	ug/L		09/10/25 09:00	09/11/25 16:51	1
Molybdenum	<1.3		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:51	1
Potassium	740		500	170	ug/L		09/10/25 09:00	09/11/25 16:51	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 16:51	1
Sodium	21000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	3.1		1.9	1.3	mg/L			09/09/25 07:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	330		5.0	2.5	mg/L			09/12/25 10:11	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 10:11	1
Total Alkalinity as CaCO3 (SM 2320B)	330		5.0	2.5	mg/L			09/12/25 10:11	1
Total Dissolved Solids (SM 2540C)	690		50	36	mg/L			09/08/25 11:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	>800.49				ft			09/03/25 13:45	1
Field pH	7.09				SU			09/03/25 13:45	1
Field Conductivity	991				umhos/cm			09/03/25 13:45	1
Field Temperature	11.8				Degrees C			09/03/25 13:45	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-23

Lab Sample ID: 310-315050-15

Date Collected: 09/04/25 19:34

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.2		5.0	2.3	mg/L			09/12/25 22:51	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 22:51	5
Sulfate	37		5.0	2.1	mg/L			09/12/25 22:51	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		2.0	0.53	ug/L		09/10/25 09:00	09/11/25 16:59	1
Barium	190		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 16:59	1
Beryllium	0.39	J	1.0	0.33	ug/L		09/10/25 09:00	09/11/25 16:59	1
Boron	230		100	82	ug/L		09/10/25 09:00	09/12/25 14:53	1
Calcium	90		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 16:59	1
Cobalt	0.57		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 16:59	1
Iron	2500		100	50	ug/L		09/10/25 09:00	09/11/25 16:59	1
Lead	6.8		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 16:59	1
Lithium	18		10	2.9	ug/L		09/10/25 09:00	09/11/25 16:59	1
Magnesium	29000		500	150	ug/L		09/10/25 09:00	09/11/25 16:59	1
Manganese	71		10	3.6	ug/L		09/10/25 09:00	09/11/25 16:59	1
Molybdenum	1.3	J	2.0	1.3	ug/L		09/10/25 09:00	09/11/25 16:59	1
Potassium	1700		500	170	ug/L		09/10/25 09:00	09/11/25 16:59	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 16:59	1
Sodium	10000		1000	650	ug/L		09/10/25 09:00	09/11/25 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	190		15	11	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	320		5.0	2.5	mg/L			09/12/25 10:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 10:32	1
Total Alkalinity as CaCO3 (SM 2320B)	320		5.0	2.5	mg/L			09/12/25 10:32	1
Total Dissolved Solids (SM 2540C)	380		50	36	mg/L			09/09/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	793.34				ft			09/04/25 19:34	1
Field pH	7.67				SU			09/04/25 19:34	1
Field Conductivity	673				umhos/cm			09/04/25 19:34	1
Field Temperature	14.2				Degrees C			09/04/25 19:34	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-24

Lab Sample ID: 310-315050-16

Date Collected: 09/04/25 09:42

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30		5.0	2.3	mg/L			09/12/25 23:05	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 23:05	5
Sulfate	26		5.0	2.1	mg/L			09/12/25 23:05	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.7	J	2.0	0.53	ug/L		09/10/25 09:00	09/11/25 17:02	1
Barium	290		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 17:02	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 17:02	1
Boron	92	J	100	82	ug/L		09/10/25 09:00	09/12/25 14:56	1
Calcium	69		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 17:02	1
Cobalt	<0.17		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 17:02	1
Iron	2600		100	50	ug/L		09/10/25 09:00	09/11/25 17:02	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 17:02	1
Lithium	<2.9		10	2.9	ug/L		09/10/25 09:00	09/11/25 17:02	1
Magnesium	26000		500	150	ug/L		09/10/25 09:00	09/11/25 17:02	1
Manganese	360		10	3.6	ug/L		09/10/25 09:00	09/11/25 17:02	1
Molybdenum	<1.3		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 17:02	1
Potassium	1600		500	170	ug/L		09/10/25 09:00	09/11/25 17:02	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 17:02	1
Sodium	9800		1000	650	ug/L		09/10/25 09:00	09/11/25 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	5.3		3.8	2.6	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	240		5.0	2.5	mg/L			09/12/25 10:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 10:42	1
Total Alkalinity as CaCO3 (SM 2320B)	240		5.0	2.5	mg/L			09/12/25 10:42	1
Total Dissolved Solids (SM 2540C)	350		50	36	mg/L			09/09/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	810.04				ft			09/04/25 09:42	1
Field pH	7.18				SU			09/04/25 09:42	1
Field Conductivity	610				umhos/cm			09/04/25 09:42	1
Field Temperature	17.4				Degrees C			09/04/25 09:42	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-25

Lab Sample ID: 310-315050-17

Date Collected: 09/04/25 18:50

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.5		5.0	2.3	mg/L			09/12/25 23:19	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 23:19	5
Sulfate	23		5.0	2.1	mg/L			09/12/25 23:19	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.64	J	2.0	0.53	ug/L		09/10/25 09:00	09/17/25 13:33	1
Barium	300		2.0	0.66	ug/L		09/10/25 09:00	09/17/25 13:33	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/17/25 13:33	1
Boron	<82	F1	100	82	ug/L		09/10/25 09:00	09/18/25 12:20	1
Calcium	100		0.50	0.19	mg/L		09/10/25 09:00	09/17/25 13:33	1
Cobalt	0.34	J	0.50	0.17	ug/L		09/10/25 09:00	09/17/25 13:33	1
Iron	230	F1	100	50	ug/L		09/10/25 09:00	09/18/25 12:20	1
Lead	0.39	J	0.50	0.33	ug/L		09/10/25 09:00	09/17/25 13:33	1
Lithium	3.4	J	10	2.9	ug/L		09/10/25 09:00	09/17/25 13:33	1
Magnesium	20000		500	150	ug/L		09/10/25 09:00	09/17/25 13:33	1
Manganese	200		10	3.6	ug/L		09/10/25 09:00	09/17/25 13:33	1
Molybdenum	1.4	J	2.0	1.3	ug/L		09/10/25 09:00	09/17/25 13:33	1
Potassium	890		500	170	ug/L		09/10/25 09:00	09/17/25 13:33	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/17/25 13:33	1
Sodium	9600		1000	650	ug/L		09/10/25 09:00	09/17/25 13:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	8.6		1.9	1.3	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	340		5.0	2.5	mg/L			09/12/25 10:51	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 10:51	1
Total Alkalinity as CaCO3 (SM 2320B)	340		5.0	2.5	mg/L			09/12/25 10:51	1
Total Dissolved Solids (SM 2540C)	400		50	36	mg/L			09/09/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	805.91				ft			09/04/25 18:50	1
Field pH	7.22				SU			09/04/25 18:50	1
Field Conductivity	2647				umhos/cm			09/04/25 18:50	1
Field Temperature	13.9				Degrees C			09/04/25 18:50	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-26

Lab Sample ID: 310-315050-18

Date Collected: 09/03/25 10:26

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		5.0	2.3	mg/L			09/12/25 23:33	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 23:33	5
Sulfate	42		5.0	2.1	mg/L			09/12/25 23:33	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.53		2.0	0.53	ug/L		09/10/25 09:00	09/17/25 13:43	1
Barium	120		2.0	0.66	ug/L		09/10/25 09:00	09/17/25 13:43	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/17/25 13:43	1
Boron	<82		100	82	ug/L		09/10/25 09:00	09/18/25 12:27	1
Calcium	150		0.50	0.19	mg/L		09/10/25 09:00	09/17/25 13:43	1
Cobalt	0.57		0.50	0.17	ug/L		09/10/25 09:00	09/17/25 13:43	1
Iron	270		100	50	ug/L		09/10/25 09:00	09/18/25 12:27	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/17/25 13:43	1
Lithium	9.2	J	10	2.9	ug/L		09/10/25 09:00	09/17/25 13:43	1
Magnesium	9200		500	150	ug/L		09/10/25 09:00	09/17/25 13:43	1
Manganese	5.2	J	10	3.6	ug/L		09/10/25 09:00	09/17/25 13:43	1
Molybdenum	2.7		2.0	1.3	ug/L		09/10/25 09:00	09/17/25 13:43	1
Potassium	470	J	500	170	ug/L		09/10/25 09:00	09/17/25 13:43	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/17/25 13:43	1
Sodium	71000		1000	650	ug/L		09/10/25 09:00	09/17/25 13:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	1.5	J	1.9	1.3	mg/L			09/09/25 07:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	360		5.0	2.5	mg/L			09/12/25 11:08	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 11:08	1
Total Alkalinity as CaCO3 (SM 2320B)	360		5.0	2.5	mg/L			09/12/25 11:08	1
Total Dissolved Solids (SM 2540C)	670		50	36	mg/L			09/08/25 11:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	801.84				ft			09/03/25 10:26	1
Field pH	6.40				SU			09/03/25 10:26	1
Field Conductivity	1130				umhos/cm			09/03/25 10:26	1
Field Temperature	13.3				Degrees C			09/03/25 10:26	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: SW-1

Lab Sample ID: 310-315050-19

Date Collected: 09/03/25 17:25

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		5.0	2.3	mg/L			09/12/25 23:47	5
Fluoride	<0.38		1.0	0.38	mg/L			09/12/25 23:47	5
Sulfate	57		5.0	2.1	mg/L			09/12/25 23:47	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		2.0	0.53	ug/L		09/10/25 09:00	09/17/25 13:46	1
Barium	150		2.0	0.66	ug/L		09/10/25 09:00	09/17/25 13:46	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/17/25 13:46	1
Boron	680		100	82	ug/L		09/10/25 09:00	09/18/25 12:30	1
Calcium	130		0.50	0.19	mg/L		09/10/25 09:00	09/17/25 13:46	1
Cobalt	0.39	J	0.50	0.17	ug/L		09/10/25 09:00	09/17/25 13:46	1
Iron	250		100	50	ug/L		09/10/25 09:00	09/18/25 12:30	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/17/25 13:46	1
Lithium	19		10	2.9	ug/L		09/10/25 09:00	09/17/25 13:46	1
Magnesium	30000		500	150	ug/L		09/10/25 09:00	09/17/25 13:46	1
Manganese	510		10	3.6	ug/L		09/10/25 09:00	09/17/25 13:46	1
Molybdenum	6.8		2.0	1.3	ug/L		09/10/25 09:00	09/17/25 13:46	1
Potassium	7600		500	170	ug/L		09/10/25 09:00	09/17/25 13:46	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/17/25 13:46	1
Sodium	43000		1000	650	ug/L		09/10/25 09:00	09/17/25 13:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	4.3	J	5.0	3.5	mg/L			09/09/25 07:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	330		5.0	2.5	mg/L			09/12/25 11:19	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 11:19	1
Total Alkalinity as CaCO3 (SM 2320B)	330		5.0	2.5	mg/L			09/12/25 11:19	1
Total Dissolved Solids (SM 2540C)	620		50	36	mg/L			09/08/25 11:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	--				ft			09/03/25 17:25	1
Field pH	7.63				SU			09/03/25 17:25	1
Field Conductivity	1116				umhos/cm			09/03/25 17:25	1
Field Temperature	19.7				Degrees C			09/03/25 17:25	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: SW-2

Lab Sample ID: 310-315050-20

Date Collected: 09/04/25 13:25

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		5.0	2.3	mg/L			09/13/25 00:01	5
Fluoride	<0.38		1.0	0.38	mg/L			09/13/25 00:01	5
Sulfate	160		5.0	2.1	mg/L			09/13/25 00:01	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0		2.0	0.53	ug/L		09/10/25 09:00	09/17/25 13:48	1
Barium	140		2.0	0.66	ug/L		09/10/25 09:00	09/17/25 13:48	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/17/25 13:48	1
Boron	2900		100	82	ug/L		09/10/25 09:00	09/18/25 12:33	1
Calcium	150		0.50	0.19	mg/L		09/10/25 09:00	09/17/25 13:48	1
Cobalt	0.19	J	0.50	0.17	ug/L		09/10/25 09:00	09/17/25 13:48	1
Iron	150		100	50	ug/L		09/10/25 09:00	09/18/25 12:33	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/17/25 13:48	1
Lithium	47		10	2.9	ug/L		09/10/25 09:00	09/17/25 13:48	1
Magnesium	32000		500	150	ug/L		09/10/25 09:00	09/17/25 13:48	1
Manganese	130		10	3.6	ug/L		09/10/25 09:00	09/17/25 13:48	1
Molybdenum	26		2.0	1.3	ug/L		09/10/25 09:00	09/17/25 13:48	1
Potassium	30000		500	170	ug/L		09/10/25 09:00	09/17/25 13:48	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/17/25 13:48	1
Sodium	49000		1000	650	ug/L		09/10/25 09:00	09/17/25 13:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	2.8		1.9	1.3	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	350		5.0	2.5	mg/L			09/12/25 11:30	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 11:30	1
Total Alkalinity as CaCO3 (SM 2320B)	350		5.0	2.5	mg/L			09/12/25 11:30	1
Total Dissolved Solids (SM 2540C)	870		50	36	mg/L			09/09/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	--				ft			09/04/25 13:25	1
Field pH	7.93				SU			09/04/25 13:25	1
Field Conductivity	1390				umhos/cm			09/04/25 13:25	1
Field Temperature	22.0				Degrees C			09/04/25 13:25	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: LW-2

Lab Sample ID: 310-315050-21

Date Collected: 09/04/25 19:10

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		5.0	2.3	mg/L			09/13/25 00:15	5
Fluoride	<0.38		1.0	0.38	mg/L			09/13/25 00:15	5
Sulfate	500		50	21	mg/L			09/13/25 13:41	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	140		2.0	0.53	ug/L		09/10/25 09:00	09/17/25 13:51	1
Boron	13000		400	330	ug/L		09/10/25 09:00	09/18/25 12:43	4
Calcium	100		0.50	0.19	mg/L		09/10/25 09:00	09/17/25 13:51	1
Lithium	500		10	2.9	ug/L		09/10/25 09:00	09/17/25 13:51	1
Magnesium	66000		500	150	ug/L		09/10/25 09:00	09/17/25 13:51	1
Manganese	210		10	3.6	ug/L		09/10/25 09:00	09/17/25 13:51	1
Molybdenum	110		2.0	1.3	ug/L		09/10/25 09:00	09/17/25 13:51	1
Potassium	210000		2000	680	ug/L		09/10/25 09:00	09/18/25 12:43	4
Sodium	53000		1000	650	ug/L		09/10/25 09:00	09/17/25 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	16		1.9	1.3	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	400		5.0	2.5	mg/L			09/12/25 11:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 11:40	1
Total Alkalinity as CaCO3 (SM 2320B)	400		5.0	2.5	mg/L			09/12/25 11:40	1
Total Dissolved Solids (SM 2540C)	1600		250	180	mg/L			09/09/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	805.66				ft			09/04/25 19:10	1
Field pH	7.59				SU			09/04/25 19:10	1
Field Conductivity	1786				umhos/cm			09/04/25 19:10	1
Field Temperature	13.5				Degrees C			09/04/25 19:10	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: LW-3

Lab Sample ID: 310-315050-22

Date Collected: 09/04/25 18:45

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.9	J	5.0	2.3	mg/L			09/13/25 00:58	5
Fluoride	<0.38		1.0	0.38	mg/L			09/13/25 00:58	5
Sulfate	240		5.0	2.1	mg/L			09/13/25 00:58	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	53		2.0	0.53	ug/L		09/10/25 09:00	09/17/25 13:59	1
Boron	3200		100	82	ug/L		09/10/25 09:00	09/18/25 12:45	1
Calcium	110		0.50	0.19	mg/L		09/10/25 09:00	09/17/25 13:59	1
Lithium	100		10	2.9	ug/L		09/10/25 09:00	09/17/25 13:59	1
Magnesium	35000		500	150	ug/L		09/10/25 09:00	09/17/25 13:59	1
Manganese	57		10	3.6	ug/L		09/10/25 09:00	09/17/25 13:59	1
Molybdenum	29		2.0	1.3	ug/L		09/10/25 09:00	09/17/25 13:59	1
Potassium	26000		500	170	ug/L		09/10/25 09:00	09/17/25 13:59	1
Sodium	13000		1000	650	ug/L		09/10/25 09:00	09/17/25 13:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	27		7.5	5.3	mg/L			09/10/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	270		5.0	2.5	mg/L			09/12/25 11:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 11:50	1
Total Alkalinity as CaCO3 (SM 2320B)	270		5.0	2.5	mg/L			09/12/25 11:50	1
Total Dissolved Solids (SM 2540C)	740		50	36	mg/L			09/09/25 15:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Groundwater Elevation	821.01				ft			09/04/25 18:45	1
Field pH	7.51				SU			09/04/25 18:45	1
Field Conductivity	937				umhos/cm			09/04/25 18:45	1
Field Temperature	13.2				Degrees C			09/04/25 18:45	1

Client Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: Field Blank

Lab Sample ID: 310-315050-23

Date Collected: 09/03/25 12:15

Matrix: Water

Date Received: 09/05/25 16:45

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.45		1.0	0.45	mg/L			09/13/25 01:12	1
Fluoride	<0.075		0.20	0.075	mg/L			09/13/25 01:12	1
Sulfate	<0.42		1.0	0.42	mg/L			09/13/25 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.53		2.0	0.53	ug/L		09/10/25 09:00	09/17/25 14:01	1
Barium	<0.66		2.0	0.66	ug/L		09/10/25 09:00	09/17/25 14:01	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/17/25 14:01	1
Boron	110		100	82	ug/L		09/10/25 09:00	09/18/25 12:48	1
Calcium	<0.19		0.50	0.19	mg/L		09/10/25 09:00	09/17/25 14:01	1
Cobalt	<0.17		0.50	0.17	ug/L		09/10/25 09:00	09/17/25 14:01	1
Iron	<50		100	50	ug/L		09/10/25 09:00	09/18/25 12:48	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/17/25 14:01	1
Lithium	<2.9		10	2.9	ug/L		09/10/25 09:00	09/17/25 14:01	1
Magnesium	<150		500	150	ug/L		09/10/25 09:00	09/17/25 14:01	1
Manganese	<3.6		10	3.6	ug/L		09/10/25 09:00	09/17/25 14:01	1
Molybdenum	<1.3		2.0	1.3	ug/L		09/10/25 09:00	09/17/25 14:01	1
Potassium	<170		500	170	ug/L		09/10/25 09:00	09/17/25 14:01	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/17/25 14:01	1
Sodium	<650		1000	650	ug/L		09/10/25 09:00	09/17/25 14:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (USGS I-3765-85)	<1.3		1.9	1.3	mg/L			09/09/25 07:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 12:00	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 12:00	1
Total Alkalinity as CaCO3 (SM 2320B)	<2.5		5.0	2.5	mg/L			09/12/25 12:00	1
Total Dissolved Solids (SM 2540C)	<36		50	36	mg/L			09/08/25 11:07	1

Definitions/Glossary

Client: SCS Engineers
Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
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.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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

QC Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 310-466427/3
Matrix: Water
Analysis Batch: 466427

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.45		1.0	0.45	mg/L			09/09/25 16:38	1
Fluoride	<0.075		0.20	0.075	mg/L			09/09/25 16:38	1
Sulfate	<0.42		1.0	0.42	mg/L			09/09/25 16:38	1

Lab Sample ID: LCS 310-466427/4
Matrix: Water
Analysis Batch: 466427

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.00	1.98		mg/L		99	90 - 110
Sulfate	10.0	9.98		mg/L		100	90 - 110

Lab Sample ID: MB 310-466614/3
Matrix: Water
Analysis Batch: 466614

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.45		1.0	0.45	mg/L			09/12/25 19:48	1
Fluoride	<0.075		0.20	0.075	mg/L			09/12/25 19:48	1
Sulfate	<0.42		1.0	0.42	mg/L			09/12/25 19:48	1

Lab Sample ID: LCS 310-466614/4
Matrix: Water
Analysis Batch: 466614

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.00	2.00		mg/L		100	90 - 110
Sulfate	10.0	9.22		mg/L		92	90 - 110

Lab Sample ID: MB 310-466734/3
Matrix: Water
Analysis Batch: 466734

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.45		1.0	0.45	mg/L			09/13/25 16:24	1
Fluoride	<0.075		0.20	0.075	mg/L			09/13/25 16:24	1
Sulfate	<0.42		1.0	0.42	mg/L			09/13/25 16:24	1

Lab Sample ID: LCS 310-466734/4
Matrix: Water
Analysis Batch: 466734

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	2.00	2.09		mg/L		104	90 - 110
Sulfate	10.0	10.1		mg/L		101	90 - 110

QC Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 310-466148/1-A
Matrix: Water
Analysis Batch: 466498

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 466148

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.53		2.0	0.53	ug/L		09/10/25 09:00	09/11/25 15:42	1
Barium	<0.66		2.0	0.66	ug/L		09/10/25 09:00	09/11/25 15:42	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/11/25 15:42	1
Boron	<82		100	82	ug/L		09/10/25 09:00	09/11/25 15:42	1
Calcium	<0.19		0.50	0.19	mg/L		09/10/25 09:00	09/11/25 15:42	1
Cobalt	<0.17		0.50	0.17	ug/L		09/10/25 09:00	09/11/25 15:42	1
Iron	<50		100	50	ug/L		09/10/25 09:00	09/11/25 15:42	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/11/25 15:42	1
Lithium	<2.9		10	2.9	ug/L		09/10/25 09:00	09/11/25 15:42	1
Magnesium	<150		500	150	ug/L		09/10/25 09:00	09/11/25 15:42	1
Manganese	<3.6		10	3.6	ug/L		09/10/25 09:00	09/11/25 15:42	1
Molybdenum	<1.3		2.0	1.3	ug/L		09/10/25 09:00	09/11/25 15:42	1
Potassium	<170		500	170	ug/L		09/10/25 09:00	09/11/25 15:42	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/11/25 15:42	1
Sodium	<650		1000	650	ug/L		09/10/25 09:00	09/11/25 15:42	1

Lab Sample ID: LCS 310-466148/2-A
Matrix: Water
Analysis Batch: 466498

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 466148

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	100	99.1		ug/L		99	80 - 120
Beryllium	100	101		ug/L		101	80 - 120
Boron	200	200		ug/L		100	80 - 120
Calcium	2.00	1.92		mg/L		96	80 - 120
Cobalt	100	105		ug/L		105	80 - 120
Iron	200	225		ug/L		113	80 - 120
Lead	200	206		ug/L		103	80 - 120
Lithium	200	205		ug/L		102	80 - 120
Magnesium	2000	2150		ug/L		107	80 - 120
Manganese	100	102		ug/L		102	80 - 120
Molybdenum	200	207		ug/L		104	80 - 120
Potassium	2000	2050		ug/L		102	80 - 120
Selenium	400	388		ug/L		97	80 - 120
Sodium	2000	2120		ug/L		106	80 - 120

Lab Sample ID: 310-315050-8 DU
Matrix: Water
Analysis Batch: 466498

Client Sample ID: MW-13
Prep Type: Total/NA
Prep Batch: 466148

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Arsenic	0.55	J	0.577	J	ug/L		4	20
Barium	37		67.0	F3	ug/L		58	20
Beryllium	<0.33		<0.33		ug/L		NC	20
Calcium	270000		270000		ug/L		1	20
Cobalt	<0.17		0.177	J	ug/L		NC	20
Iron	2300		2290		ug/L		0.6	20
Lead	0.92		0.937		ug/L		2	20

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QC Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

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

Lab Sample ID: 310-315050-8 DU
Matrix: Water
Analysis Batch: 466498

Client Sample ID: MW-13
Prep Type: Total/NA
Prep Batch: 466148

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Lithium	660		637		ug/L		3	20
Magnesium	76000		75300		ug/L		1	20
Manganese	120		120		ug/L		2	20
Molybdenum	190		197		ug/L		1	20
Selenium	<1.4		<1.4		ug/L		NC	20
Sodium	100000		98000		ug/L		3	20

Lab Sample ID: 310-315050-8 DU
Matrix: Water
Analysis Batch: 466624

Client Sample ID: MW-13
Prep Type: Total/NA
Prep Batch: 466148

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Boron	11000		11200		ug/L		0.08	20
Potassium	130000		131000		ug/L		0.1	20

Lab Sample ID: MB 310-466149/1-A
Matrix: Water
Analysis Batch: 467078

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 466149

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	<0.53		2.0	0.53	ug/L		09/10/25 09:00	09/17/25 13:28	1
Barium	<0.66		2.0	0.66	ug/L		09/10/25 09:00	09/17/25 13:28	1
Beryllium	<0.33		1.0	0.33	ug/L		09/10/25 09:00	09/17/25 13:28	1
Calcium	<0.19		0.50	0.19	mg/L		09/10/25 09:00	09/17/25 13:28	1
Cobalt	<0.17		0.50	0.17	ug/L		09/10/25 09:00	09/17/25 13:28	1
Lead	<0.33		0.50	0.33	ug/L		09/10/25 09:00	09/17/25 13:28	1
Lithium	<2.9		10	2.9	ug/L		09/10/25 09:00	09/17/25 13:28	1
Magnesium	<150		500	150	ug/L		09/10/25 09:00	09/17/25 13:28	1
Manganese	<3.6		10	3.6	ug/L		09/10/25 09:00	09/17/25 13:28	1
Molybdenum	<1.3		2.0	1.3	ug/L		09/10/25 09:00	09/17/25 13:28	1
Potassium	<170		500	170	ug/L		09/10/25 09:00	09/17/25 13:28	1
Selenium	<1.4		5.0	1.4	ug/L		09/10/25 09:00	09/17/25 13:28	1
Sodium	<650		1000	650	ug/L		09/10/25 09:00	09/17/25 13:28	1

Lab Sample ID: MB 310-466149/1-A
Matrix: Water
Analysis Batch: 467205

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 466149

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	<82		100	82	ug/L		09/10/25 09:00	09/18/25 12:15	1
Iron	<50		100	50	ug/L		09/10/25 09:00	09/18/25 12:15	1

Lab Sample ID: LCS 310-466149/2-A
Matrix: Water
Analysis Batch: 467078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 466149

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	100	97.5		ug/L		97	80 - 120
Beryllium	100	98.0		ug/L		98	80 - 120

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QC Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

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

Lab Sample ID: LCS 310-466149/2-A
Matrix: Water
Analysis Batch: 467078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 466149

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Calcium	2.00	1.99		mg/L		99	80 - 120	
Cobalt	100	96.5		ug/L		96	80 - 120	
Lead	200	213		ug/L		106	80 - 120	
Lithium	200	199		ug/L		99	80 - 120	
Magnesium	2000	1960		ug/L		98	80 - 120	
Manganese	100	94.6		ug/L		95	80 - 120	
Molybdenum	200	220		ug/L		110	80 - 120	
Potassium	2000	1910		ug/L		96	80 - 120	
Selenium	400	397		ug/L		99	80 - 120	
Sodium	2000	2000		ug/L		100	80 - 120	

Lab Sample ID: LCS 310-466149/2-A
Matrix: Water
Analysis Batch: 467205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 466149

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Boron	200	207		ug/L		103	80 - 120	
Iron	200	212		ug/L		106	80 - 120	

Lab Sample ID: 310-315050-17 MS
Matrix: Water
Analysis Batch: 467078

Client Sample ID: MW-25
Prep Type: Total/NA
Prep Batch: 466149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Arsenic	0.64	J	200	212		ug/L		106	75 - 125	
Barium	300		100	398		ug/L		96	75 - 125	
Beryllium	<0.33		100	105		ug/L		105	75 - 125	
Calcium	100		2.00	101	4	mg/L		46	75 - 125	
Cobalt	0.34	J	100	98.4		ug/L		98	75 - 125	
Lead	0.39	J	200	215		ug/L		107	75 - 125	
Lithium	3.4	J	200	211		ug/L		104	75 - 125	
Magnesium	20000		2000	21800	4	ug/L		86	75 - 125	
Manganese	200		100	300		ug/L		100	75 - 125	
Molybdenum	1.4	J	200	222		ug/L		110	75 - 125	
Potassium	890		2000	2850		ug/L		98	75 - 125	
Selenium	<1.4		400	405		ug/L		101	75 - 125	
Sodium	9600		2000	11500	4	ug/L		91	75 - 125	

Lab Sample ID: 310-315050-17 MS
Matrix: Water
Analysis Batch: 467205

Client Sample ID: MW-25
Prep Type: Total/NA
Prep Batch: 466149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Boron	<82	F1	200	283	F1	ug/L		141	75 - 125	
Iron	230	F1	200	450		ug/L		108	75 - 125	

QC Sample Results

Client: SCS Engineers
Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

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

Lab Sample ID: 310-315050-17 MSD
Matrix: Water
Analysis Batch: 467078

Client Sample ID: MW-25
Prep Type: Total/NA
Prep Batch: 466149

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Arsenic	0.64	J	200	208		ug/L		104	75 - 125	2	20
Barium	300		100	400		ug/L		98	75 - 125	0	20
Beryllium	<0.33		100	102		ug/L		102	75 - 125	3	20
Calcium	100		2.00	101	4	mg/L		37	75 - 125	0	20
Cobalt	0.34	J	100	95.6		ug/L		95	75 - 125	3	20
Lead	0.39	J	200	212		ug/L		106	75 - 125	1	20
Lithium	3.4	J	200	204		ug/L		101	75 - 125	3	20
Magnesium	20000		2000	21500	4	ug/L		73	75 - 125	1	20
Manganese	200		100	291		ug/L		92	75 - 125	3	20
Molybdenum	1.4	J	200	218		ug/L		108	75 - 125	2	20
Potassium	890		2000	2770		ug/L		94	75 - 125	3	20
Selenium	<1.4		400	400		ug/L		100	75 - 125	1	20
Sodium	9600		2000	11300	4	ug/L		85	75 - 125	1	20

Lab Sample ID: 310-315050-17 MSD
Matrix: Water
Analysis Batch: 467205

Client Sample ID: MW-25
Prep Type: Total/NA
Prep Batch: 466149

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Boron	<82	F1	200	277	F1	ug/L		138	75 - 125	2	20
Iron	230	F1	200	496	F1	ug/L		131	75 - 125	10	20

Method: I-3765-85 - Residue, Non-filterable (TSS)

Lab Sample ID: MB 310-466022/1
Matrix: Water
Analysis Batch: 466022

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	<3.5		5.0	3.5	mg/L			09/09/25 07:25	1

Lab Sample ID: LCS 310-466022/2
Matrix: Water
Analysis Batch: 466022

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
							Result
Total Suspended Solids	100	98.0		mg/L		98	82 - 117

Lab Sample ID: MB 310-466244/1
Matrix: Water
Analysis Batch: 466244

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	<3.5		5.0	3.5	mg/L			09/10/25 11:45	1

QC Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Method: I-3765-85 - Residue, Non-filterable (TSS) (Continued)

Lab Sample ID: LCS 310-466244/2
 Matrix: Water
 Analysis Batch: 466244

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	99.0		mg/L		99	82 - 117

Lab Sample ID: MB 310-466257/1
 Matrix: Water
 Analysis Batch: 466257

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<3.5		5.0	3.5	mg/L			09/10/25 12:15	1

Lab Sample ID: LCS 310-466257/2
 Matrix: Water
 Analysis Batch: 466257

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Suspended Solids	100	103		mg/L		103	82 - 117

Lab Sample ID: 310-315050-6 DU
 Matrix: Water
 Analysis Batch: 466257

Client Sample ID: MW-11
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	43		41.0		mg/L		4	35

Method: SM 2320B - Alkalinity

Lab Sample ID: LCS 310-466507/2
 Matrix: Water
 Analysis Batch: 466507

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	1000	1060		mg/L		106	85 - 115

Lab Sample ID: LCS 310-466507/50
 Matrix: Water
 Analysis Batch: 466507

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	1000	1000		mg/L		100	85 - 115

Lab Sample ID: 310-315050-1 DU
 Matrix: Water
 Analysis Batch: 466507

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Bicarbonate Alkalinity as CaCO3	230		231		mg/L		0.9	
Carbonate Alkalinity as CaCO3	<2.5		<2.5		mg/L		NC	
Total Alkalinity as CaCO3	230		231		mg/L		0.9	13

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QC Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: 310-315050-10 DU
Matrix: Water
Analysis Batch: 466507

Client Sample ID: MW-16
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Bicarbonate Alkalinity as CaCO3	530		528		mg/L		0.3	
Carbonate Alkalinity as CaCO3	<2.5		<2.5		mg/L		NC	
Total Alkalinity as CaCO3	530		528		mg/L		0.3	13

Lab Sample ID: 310-315050-14 DU
Matrix: Water
Analysis Batch: 466507

Client Sample ID: MW-22
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Bicarbonate Alkalinity as CaCO3	330		336		mg/L		0.9	
Carbonate Alkalinity as CaCO3	<2.5		<2.5		mg/L		NC	
Total Alkalinity as CaCO3	330		336		mg/L		0.9	13

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

Lab Sample ID: MB 310-465959/1
Matrix: Water
Analysis Batch: 465959

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<36		50	36	mg/L			09/08/25 11:07	1

Lab Sample ID: LCS 310-465959/2
Matrix: Water
Analysis Batch: 465959

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

Lab Sample ID: 310-315050-14 DU
Matrix: Water
Analysis Batch: 465959

Client Sample ID: MW-22
Prep Type: Total/NA

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Total Dissolved Solids	690		692		mg/L		0.9	13

Lab Sample ID: MB 310-466143/1
Matrix: Water
Analysis Batch: 466143

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	<36		50	36	mg/L			09/09/25 15:36	1

Lab Sample ID: LCS 310-466143/2
Matrix: Water
Analysis Batch: 466143

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits

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QC Sample Results

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

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

Lab Sample ID: MB 310-466309/1
Matrix: Water
Analysis Batch: 466309

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	<36		50	36	mg/L			09/10/25 16:27	1

Lab Sample ID: LCS 310-466309/2
Matrix: Water
Analysis Batch: 466309

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	1010		mg/L		101	89 - 110

QC Association Summary

Client: SCS Engineers
Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

HPLC/IC

Analysis Batch: 466427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-1	MW-2A	Total/NA	Water	9056A	
310-315050-2	MW-3	Total/NA	Water	9056A	
310-315050-3	MW-8	Total/NA	Water	9056A	
310-315050-4	MW-9	Total/NA	Water	9056A	
310-315050-5	MW-10	Total/NA	Water	9056A	
310-315050-5	MW-10	Total/NA	Water	9056A	
MB 310-466427/3	Method Blank	Total/NA	Water	9056A	
LCS 310-466427/4	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 466614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-6	MW-11	Total/NA	Water	9056A	
310-315050-6	MW-11	Total/NA	Water	9056A	
310-315050-7	MW-12	Total/NA	Water	9056A	
310-315050-8	MW-13	Total/NA	Water	9056A	
310-315050-8	MW-13	Total/NA	Water	9056A	
310-315050-9	MW-15	Total/NA	Water	9056A	
310-315050-9	MW-15	Total/NA	Water	9056A	
310-315050-10	MW-16	Total/NA	Water	9056A	
310-315050-11	MW-17	Total/NA	Water	9056A	
310-315050-12	MW-18	Total/NA	Water	9056A	
310-315050-12	MW-18	Total/NA	Water	9056A	
310-315050-13	MW-21	Total/NA	Water	9056A	
310-315050-14	MW-22	Total/NA	Water	9056A	
310-315050-15	MW-23	Total/NA	Water	9056A	
310-315050-16	MW-24	Total/NA	Water	9056A	
310-315050-17	MW-25	Total/NA	Water	9056A	
310-315050-18	MW-26	Total/NA	Water	9056A	
310-315050-19	SW-1	Total/NA	Water	9056A	
310-315050-20	SW-2	Total/NA	Water	9056A	
310-315050-21	LW-2	Total/NA	Water	9056A	
310-315050-21	LW-2	Total/NA	Water	9056A	
310-315050-22	LW-3	Total/NA	Water	9056A	
310-315050-23	Field Blank	Total/NA	Water	9056A	
MB 310-466614/3	Method Blank	Total/NA	Water	9056A	
LCS 310-466614/4	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 466734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-10	MW-16	Total/NA	Water	9056A	
MB 310-466734/3	Method Blank	Total/NA	Water	9056A	
LCS 310-466734/4	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 466148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-1	MW-2A	Total/NA	Water	3005A	
310-315050-2	MW-3	Total/NA	Water	3005A	
310-315050-3	MW-8	Total/NA	Water	3005A	
310-315050-4	MW-9	Total/NA	Water	3005A	

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QC Association Summary

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Metals (Continued)

Prep Batch: 466148 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-5	MW-10	Total/NA	Water	3005A	
310-315050-6	MW-11	Total/NA	Water	3005A	
310-315050-7	MW-12	Total/NA	Water	3005A	
310-315050-8	MW-13	Total/NA	Water	3005A	
310-315050-9	MW-15	Total/NA	Water	3005A	
310-315050-10	MW-16	Total/NA	Water	3005A	
310-315050-11	MW-17	Total/NA	Water	3005A	
310-315050-12	MW-18	Total/NA	Water	3005A	
310-315050-13	MW-21	Total/NA	Water	3005A	
310-315050-14	MW-22	Total/NA	Water	3005A	
310-315050-15	MW-23	Total/NA	Water	3005A	
310-315050-16	MW-24	Total/NA	Water	3005A	
MB 310-466148/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-466148/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-315050-8 DU	MW-13	Total/NA	Water	3005A	

Prep Batch: 466149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-17	MW-25	Total/NA	Water	3005A	
310-315050-18	MW-26	Total/NA	Water	3005A	
310-315050-19	SW-1	Total/NA	Water	3005A	
310-315050-20	SW-2	Total/NA	Water	3005A	
310-315050-21	LW-2	Total/NA	Water	3005A	
310-315050-22	LW-3	Total/NA	Water	3005A	
310-315050-23	Field Blank	Total/NA	Water	3005A	
MB 310-466149/1-A	Method Blank	Total/NA	Water	3005A	
LCS 310-466149/2-A	Lab Control Sample	Total/NA	Water	3005A	
310-315050-17 MS	MW-25	Total/NA	Water	3005A	
310-315050-17 MSD	MW-25	Total/NA	Water	3005A	

Analysis Batch: 466498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-1	MW-2A	Total/NA	Water	6020B	466148
310-315050-2	MW-3	Total/NA	Water	6020B	466148
310-315050-3	MW-8	Total/NA	Water	6020B	466148
310-315050-4	MW-9	Total/NA	Water	6020B	466148
310-315050-5	MW-10	Total/NA	Water	6020B	466148
310-315050-6	MW-11	Total/NA	Water	6020B	466148
310-315050-7	MW-12	Total/NA	Water	6020B	466148
310-315050-8	MW-13	Total/NA	Water	6020B	466148
310-315050-9	MW-15	Total/NA	Water	6020B	466148
310-315050-10	MW-16	Total/NA	Water	6020B	466148
310-315050-11	MW-17	Total/NA	Water	6020B	466148
310-315050-12	MW-18	Total/NA	Water	6020B	466148
310-315050-13	MW-21	Total/NA	Water	6020B	466148
310-315050-14	MW-22	Total/NA	Water	6020B	466148
310-315050-15	MW-23	Total/NA	Water	6020B	466148
310-315050-16	MW-24	Total/NA	Water	6020B	466148
MB 310-466148/1-A	Method Blank	Total/NA	Water	6020B	466148
LCS 310-466148/2-A	Lab Control Sample	Total/NA	Water	6020B	466148
310-315050-8 DU	MW-13	Total/NA	Water	6020B	466148

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QC Association Summary

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Metals

Analysis Batch: 466624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-1	MW-2A	Total/NA	Water	6020B	466148
310-315050-2	MW-3	Total/NA	Water	6020B	466148
310-315050-3	MW-8	Total/NA	Water	6020B	466148
310-315050-4	MW-9	Total/NA	Water	6020B	466148
310-315050-5	MW-10	Total/NA	Water	6020B	466148
310-315050-6	MW-11	Total/NA	Water	6020B	466148
310-315050-7	MW-12	Total/NA	Water	6020B	466148
310-315050-8	MW-13	Total/NA	Water	6020B	466148
310-315050-9	MW-15	Total/NA	Water	6020B	466148
310-315050-10	MW-16	Total/NA	Water	6020B	466148
310-315050-11	MW-17	Total/NA	Water	6020B	466148
310-315050-12	MW-18	Total/NA	Water	6020B	466148
310-315050-13	MW-21	Total/NA	Water	6020B	466148
310-315050-14	MW-22	Total/NA	Water	6020B	466148
310-315050-15	MW-23	Total/NA	Water	6020B	466148
310-315050-16	MW-24	Total/NA	Water	6020B	466148
310-315050-8 DU	MW-13	Total/NA	Water	6020B	466148

Analysis Batch: 467078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-17	MW-25	Total/NA	Water	6020B	466149
310-315050-18	MW-26	Total/NA	Water	6020B	466149
310-315050-19	SW-1	Total/NA	Water	6020B	466149
310-315050-20	SW-2	Total/NA	Water	6020B	466149
310-315050-21	LW-2	Total/NA	Water	6020B	466149
310-315050-22	LW-3	Total/NA	Water	6020B	466149
310-315050-23	Field Blank	Total/NA	Water	6020B	466149
MB 310-466149/1-A	Method Blank	Total/NA	Water	6020B	466149
LCS 310-466149/2-A	Lab Control Sample	Total/NA	Water	6020B	466149
310-315050-17 MS	MW-25	Total/NA	Water	6020B	466149
310-315050-17 MSD	MW-25	Total/NA	Water	6020B	466149

Analysis Batch: 467205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-17	MW-25	Total/NA	Water	6020B	466149
310-315050-18	MW-26	Total/NA	Water	6020B	466149
310-315050-19	SW-1	Total/NA	Water	6020B	466149
310-315050-20	SW-2	Total/NA	Water	6020B	466149
310-315050-21	LW-2	Total/NA	Water	6020B	466149
310-315050-22	LW-3	Total/NA	Water	6020B	466149
310-315050-23	Field Blank	Total/NA	Water	6020B	466149
MB 310-466149/1-A	Method Blank	Total/NA	Water	6020B	466149
LCS 310-466149/2-A	Lab Control Sample	Total/NA	Water	6020B	466149
310-315050-17 MS	MW-25	Total/NA	Water	6020B	466149
310-315050-17 MSD	MW-25	Total/NA	Water	6020B	466149

General Chemistry

Analysis Batch: 465959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-10	MW-16	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: SCS Engineers
Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

General Chemistry (Continued)

Analysis Batch: 465959 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-11	MW-17	Total/NA	Water	SM 2540C	
310-315050-12	MW-18	Total/NA	Water	SM 2540C	
310-315050-13	MW-21	Total/NA	Water	SM 2540C	
310-315050-14	MW-22	Total/NA	Water	SM 2540C	
310-315050-18	MW-26	Total/NA	Water	SM 2540C	
310-315050-19	SW-1	Total/NA	Water	SM 2540C	
310-315050-23	Field Blank	Total/NA	Water	SM 2540C	
MB 310-465959/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 310-465959/2	Lab Control Sample	Total/NA	Water	SM 2540C	
310-315050-14 DU	MW-22	Total/NA	Water	SM 2540C	

Analysis Batch: 466022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-10	MW-16	Total/NA	Water	I-3765-85	
310-315050-11	MW-17	Total/NA	Water	I-3765-85	
310-315050-12	MW-18	Total/NA	Water	I-3765-85	
310-315050-13	MW-21	Total/NA	Water	I-3765-85	
310-315050-14	MW-22	Total/NA	Water	I-3765-85	
310-315050-18	MW-26	Total/NA	Water	I-3765-85	
310-315050-19	SW-1	Total/NA	Water	I-3765-85	
310-315050-23	Field Blank	Total/NA	Water	I-3765-85	
MB 310-466022/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-466022/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 466143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-1	MW-2A	Total/NA	Water	SM 2540C	
310-315050-2	MW-3	Total/NA	Water	SM 2540C	
310-315050-3	MW-8	Total/NA	Water	SM 2540C	
310-315050-4	MW-9	Total/NA	Water	SM 2540C	
310-315050-15	MW-23	Total/NA	Water	SM 2540C	
310-315050-16	MW-24	Total/NA	Water	SM 2540C	
310-315050-17	MW-25	Total/NA	Water	SM 2540C	
310-315050-20	SW-2	Total/NA	Water	SM 2540C	
310-315050-21	LW-2	Total/NA	Water	SM 2540C	
310-315050-22	LW-3	Total/NA	Water	SM 2540C	
MB 310-466143/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 310-466143/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 466244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-1	MW-2A	Total/NA	Water	I-3765-85	
310-315050-9	MW-15	Total/NA	Water	I-3765-85	
MB 310-466244/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-466244/2	Lab Control Sample	Total/NA	Water	I-3765-85	

Analysis Batch: 466257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-2	MW-3	Total/NA	Water	I-3765-85	
310-315050-3	MW-8	Total/NA	Water	I-3765-85	
310-315050-4	MW-9	Total/NA	Water	I-3765-85	

Eurofins Cedar Falls

QC Association Summary

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

General Chemistry (Continued)

Analysis Batch: 466257 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-5	MW-10	Total/NA	Water	I-3765-85	
310-315050-6	MW-11	Total/NA	Water	I-3765-85	
310-315050-7	MW-12	Total/NA	Water	I-3765-85	
310-315050-8	MW-13	Total/NA	Water	I-3765-85	
310-315050-15	MW-23	Total/NA	Water	I-3765-85	
310-315050-16	MW-24	Total/NA	Water	I-3765-85	
310-315050-17	MW-25	Total/NA	Water	I-3765-85	
310-315050-20	SW-2	Total/NA	Water	I-3765-85	
310-315050-21	LW-2	Total/NA	Water	I-3765-85	
310-315050-22	LW-3	Total/NA	Water	I-3765-85	
MB 310-466257/1	Method Blank	Total/NA	Water	I-3765-85	
LCS 310-466257/2	Lab Control Sample	Total/NA	Water	I-3765-85	
310-315050-6 DU	MW-11	Total/NA	Water	I-3765-85	

Analysis Batch: 466309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-5	MW-10	Total/NA	Water	SM 2540C	
310-315050-6	MW-11	Total/NA	Water	SM 2540C	
310-315050-7	MW-12	Total/NA	Water	SM 2540C	
310-315050-8	MW-13	Total/NA	Water	SM 2540C	
310-315050-9	MW-15	Total/NA	Water	SM 2540C	
MB 310-466309/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 310-466309/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 466507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-1	MW-2A	Total/NA	Water	SM 2320B	
310-315050-2	MW-3	Total/NA	Water	SM 2320B	
310-315050-3	MW-8	Total/NA	Water	SM 2320B	
310-315050-4	MW-9	Total/NA	Water	SM 2320B	
310-315050-5	MW-10	Total/NA	Water	SM 2320B	
310-315050-6	MW-11	Total/NA	Water	SM 2320B	
310-315050-7	MW-12	Total/NA	Water	SM 2320B	
310-315050-8	MW-13	Total/NA	Water	SM 2320B	
310-315050-9	MW-15	Total/NA	Water	SM 2320B	
310-315050-10	MW-16	Total/NA	Water	SM 2320B	
310-315050-11	MW-17	Total/NA	Water	SM 2320B	
310-315050-12	MW-18	Total/NA	Water	SM 2320B	
310-315050-13	MW-21	Total/NA	Water	SM 2320B	
310-315050-14	MW-22	Total/NA	Water	SM 2320B	
310-315050-15	MW-23	Total/NA	Water	SM 2320B	
310-315050-16	MW-24	Total/NA	Water	SM 2320B	
310-315050-17	MW-25	Total/NA	Water	SM 2320B	
310-315050-18	MW-26	Total/NA	Water	SM 2320B	
310-315050-19	SW-1	Total/NA	Water	SM 2320B	
310-315050-20	SW-2	Total/NA	Water	SM 2320B	
310-315050-21	LW-2	Total/NA	Water	SM 2320B	
310-315050-22	LW-3	Total/NA	Water	SM 2320B	
310-315050-23	Field Blank	Total/NA	Water	SM 2320B	
LCS 310-466507/2	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 310-466507/50	Lab Control Sample	Total/NA	Water	SM 2320B	

Eurofins Cedar Falls

QC Association Summary

Client: SCS Engineers
Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

General Chemistry (Continued)

Analysis Batch: 466507 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-1 DU	MW-2A	Total/NA	Water	SM 2320B	
310-315050-10 DU	MW-16	Total/NA	Water	SM 2320B	
310-315050-14 DU	MW-22	Total/NA	Water	SM 2320B	

Field Service / Mobile Lab

Analysis Batch: 467181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
310-315050-1	MW-2A	Total/NA	Water	Field Sampling	
310-315050-2	MW-3	Total/NA	Water	Field Sampling	
310-315050-3	MW-8	Total/NA	Water	Field Sampling	
310-315050-4	MW-9	Total/NA	Water	Field Sampling	
310-315050-5	MW-10	Total/NA	Water	Field Sampling	
310-315050-6	MW-11	Total/NA	Water	Field Sampling	
310-315050-7	MW-12	Total/NA	Water	Field Sampling	
310-315050-8	MW-13	Total/NA	Water	Field Sampling	
310-315050-9	MW-15	Total/NA	Water	Field Sampling	
310-315050-10	MW-16	Total/NA	Water	Field Sampling	
310-315050-11	MW-17	Total/NA	Water	Field Sampling	
310-315050-12	MW-18	Total/NA	Water	Field Sampling	
310-315050-13	MW-21	Total/NA	Water	Field Sampling	
310-315050-14	MW-22	Total/NA	Water	Field Sampling	
310-315050-15	MW-23	Total/NA	Water	Field Sampling	
310-315050-16	MW-24	Total/NA	Water	Field Sampling	
310-315050-17	MW-25	Total/NA	Water	Field Sampling	
310-315050-18	MW-26	Total/NA	Water	Field Sampling	
310-315050-19	SW-1	Total/NA	Water	Field Sampling	
310-315050-20	SW-2	Total/NA	Water	Field Sampling	
310-315050-21	LW-2	Total/NA	Water	Field Sampling	
310-315050-22	LW-3	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-2A
Date Collected: 09/04/25 17:15
Date Received: 09/05/25 16:45

Lab Sample ID: 310-315050-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466427	ZRI4	EET CF	09/09/25 21:05
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:10
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466624	ZRI4	EET CF	09/12/25 14:05
Total/NA	Analysis	I-3765-85		1	466244	DGU1	EET CF	09/10/25 11:45
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 17:53
Total/NA	Analysis	SM 2540C		1	466143	HE7K	EET CF	09/09/25 15:36
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 17:15

Client Sample ID: MW-3
Date Collected: 09/04/25 16:45
Date Received: 09/05/25 16:45

Lab Sample ID: 310-315050-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466427	ZRI4	EET CF	09/09/25 21:17
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:13
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466624	ZRI4	EET CF	09/12/25 14:08
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 18:11
Total/NA	Analysis	SM 2540C		1	466143	HE7K	EET CF	09/09/25 15:36
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 16:45

Client Sample ID: MW-8
Date Collected: 09/04/25 17:12
Date Received: 09/05/25 16:45

Lab Sample ID: 310-315050-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466427	ZRI4	EET CF	09/09/25 21:28
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:16
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466624	ZRI4	EET CF	09/12/25 14:10
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 18:22
Total/NA	Analysis	SM 2540C		1	466143	HE7K	EET CF	09/09/25 15:36
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 17:12

Lab Chronicle

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-9

Lab Sample ID: 310-315050-4

Date Collected: 09/04/25 10:11

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466427	ZRI4	EET CF	09/09/25 22:03
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:18
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466624	ZRI4	EET CF	09/12/25 14:13
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 18:31
Total/NA	Analysis	SM 2540C		1	466143	HE7K	EET CF	09/09/25 15:36
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 10:11

Client Sample ID: MW-10

Lab Sample ID: 310-315050-5

Date Collected: 09/04/25 12:17

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466427	ZRI4	EET CF	09/09/25 22:15
Total/NA	Analysis	9056A		20	466427	ZRI4	EET CF	09/11/25 11:24
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:21
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		4	466624	ZRI4	EET CF	09/12/25 14:16
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 18:40
Total/NA	Analysis	SM 2540C		1	466309	ENB7	EET CF	09/10/25 16:27
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 12:17

Client Sample ID: MW-11

Lab Sample ID: 310-315050-6

Date Collected: 09/04/25 14:47

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 20:16
Total/NA	Analysis	9056A		50	466614	QTZ5	EET CF	09/13/25 12:31
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:28
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		4	466624	ZRI4	EET CF	09/12/25 14:19
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 18:51
Total/NA	Analysis	SM 2540C		1	466309	ENB7	EET CF	09/10/25 16:27
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 14:47

Lab Chronicle

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-12

Lab Sample ID: 310-315050-7

Date Collected: 09/04/25 13:50

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 20:30
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:31
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466624	ZRI4	EET CF	09/12/25 14:22
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 19:10
Total/NA	Analysis	SM 2540C		1	466309	ENB7	EET CF	09/10/25 16:27
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 13:50

Client Sample ID: MW-13

Lab Sample ID: 310-315050-8

Date Collected: 09/04/25 15:28

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 20:44
Total/NA	Analysis	9056A		50	466614	QTZ5	EET CF	09/13/25 12:45
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:33
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		4	466624	ZRI4	EET CF	09/12/25 14:25
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 19:20
Total/NA	Analysis	SM 2540C		1	466309	ENB7	EET CF	09/10/25 16:27
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 15:28

Client Sample ID: MW-15

Lab Sample ID: 310-315050-9

Date Collected: 09/04/25 16:10

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 20:58
Total/NA	Analysis	9056A		50	466614	QTZ5	EET CF	09/13/25 12:59
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:39
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		4	466624	ZRI4	EET CF	09/12/25 14:36
Total/NA	Analysis	I-3765-85		1	466244	DGU1	EET CF	09/10/25 11:45
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 19:31
Total/NA	Analysis	SM 2540C		1	466309	ENB7	EET CF	09/10/25 16:27
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 16:10

Lab Chronicle

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-16

Lab Sample ID: 310-315050-10

Date Collected: 09/03/25 16:21

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 21:12
Total/NA	Analysis	9056A		50	466734	QTZ5	EET CF	09/15/25 12:34
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:41
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		10	466624	ZRI4	EET CF	09/12/25 14:39
Total/NA	Analysis	I-3765-85		1	466022	DGU1	EET CF	09/09/25 07:25
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 19:40
Total/NA	Analysis	SM 2540C		1	465959	ENB7	EET CF	09/08/25 11:07
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/03/25 16:21

Client Sample ID: MW-17

Lab Sample ID: 310-315050-11

Date Collected: 09/03/25 16:53

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 21:26
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:44
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		2	466624	ZRI4	EET CF	09/12/25 14:42
Total/NA	Analysis	I-3765-85		1	466022	DGU1	EET CF	09/09/25 07:25
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 20:04
Total/NA	Analysis	SM 2540C		1	465959	ENB7	EET CF	09/08/25 11:07
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/03/25 16:53

Client Sample ID: MW-18

Lab Sample ID: 310-315050-12

Date Collected: 09/03/25 18:26

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 22:09
Total/NA	Analysis	9056A		50	466614	QTZ5	EET CF	09/13/25 13:27
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:46
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		4	466624	ZRI4	EET CF	09/12/25 14:45
Total/NA	Analysis	I-3765-85		1	466022	DGU1	EET CF	09/09/25 07:25
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 20:14
Total/NA	Analysis	SM 2540C		1	465959	ENB7	EET CF	09/08/25 11:07
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/03/25 18:26

Lab Chronicle

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-21

Lab Sample ID: 310-315050-13

Date Collected: 09/03/25 11:38

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 22:23
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:49
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466624	ZRI4	EET CF	09/12/25 14:48
Total/NA	Analysis	I-3765-85		1	466022	DGU1	EET CF	09/09/25 07:25
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/11/25 20:26
Total/NA	Analysis	SM 2540C		1	465959	ENB7	EET CF	09/08/25 11:07
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/03/25 11:38

Client Sample ID: MW-22

Lab Sample ID: 310-315050-14

Date Collected: 09/03/25 13:45

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 22:37
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:51
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466624	ZRI4	EET CF	09/12/25 14:51
Total/NA	Analysis	I-3765-85		1	466022	DGU1	EET CF	09/09/25 07:25
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/12/25 10:11
Total/NA	Analysis	SM 2540C		1	465959	ENB7	EET CF	09/08/25 11:07
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/03/25 13:45

Client Sample ID: MW-23

Lab Sample ID: 310-315050-15

Date Collected: 09/04/25 19:34

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 22:51
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 16:59
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466624	ZRI4	EET CF	09/12/25 14:53
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/12/25 10:32
Total/NA	Analysis	SM 2540C		1	466143	HE7K	EET CF	09/09/25 15:36
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 19:34

Lab Chronicle

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: MW-24
Date Collected: 09/04/25 09:42
Date Received: 09/05/25 16:45

Lab Sample ID: 310-315050-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 23:05
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466498	ZRI4	EET CF	09/11/25 17:02
Total/NA	Prep	3005A			466148	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	466624	ZRI4	EET CF	09/12/25 14:56
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/12/25 10:42
Total/NA	Analysis	SM 2540C		1	466143	HE7K	EET CF	09/09/25 15:36
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 09:42

Client Sample ID: MW-25
Date Collected: 09/04/25 18:50
Date Received: 09/05/25 16:45

Lab Sample ID: 310-315050-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 23:19
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467078	NFT2	EET CF	09/17/25 13:33
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467205	NFT2	EET CF	09/18/25 12:20
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/12/25 10:51
Total/NA	Analysis	SM 2540C		1	466143	HE7K	EET CF	09/09/25 15:36
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 18:50

Client Sample ID: MW-26
Date Collected: 09/03/25 10:26
Date Received: 09/05/25 16:45

Lab Sample ID: 310-315050-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 23:33
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467078	NFT2	EET CF	09/17/25 13:43
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467205	NFT2	EET CF	09/18/25 12:27
Total/NA	Analysis	I-3765-85		1	466022	DGU1	EET CF	09/09/25 07:25
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/12/25 11:08
Total/NA	Analysis	SM 2540C		1	465959	ENB7	EET CF	09/08/25 11:07
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/03/25 10:26

Lab Chronicle

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: SW-1

Lab Sample ID: 310-315050-19

Date Collected: 09/03/25 17:25

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/12/25 23:47
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467078	NFT2	EET CF	09/17/25 13:46
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467205	NFT2	EET CF	09/18/25 12:30
Total/NA	Analysis	I-3765-85		1	466022	DGU1	EET CF	09/09/25 07:25
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/12/25 11:19
Total/NA	Analysis	SM 2540C		1	465959	ENB7	EET CF	09/08/25 11:07
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/03/25 17:25

Client Sample ID: SW-2

Lab Sample ID: 310-315050-20

Date Collected: 09/04/25 13:25

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/13/25 00:01
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467078	NFT2	EET CF	09/17/25 13:48
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467205	NFT2	EET CF	09/18/25 12:33
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/12/25 11:30
Total/NA	Analysis	SM 2540C		1	466143	HE7K	EET CF	09/09/25 15:36
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 13:25

Client Sample ID: LW-2

Lab Sample ID: 310-315050-21

Date Collected: 09/04/25 19:10

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/13/25 00:15
Total/NA	Analysis	9056A		50	466614	QTZ5	EET CF	09/13/25 13:41
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467078	NFT2	EET CF	09/17/25 13:51
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		4	467205	NFT2	EET CF	09/18/25 12:43
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/12/25 11:40
Total/NA	Analysis	SM 2540C		1	466143	HE7K	EET CF	09/09/25 15:36
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 19:10

Lab Chronicle

Client: SCS Engineers
 Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Client Sample ID: LW-3

Lab Sample ID: 310-315050-22

Date Collected: 09/04/25 18:45

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		5	466614	QTZ5	EET CF	09/13/25 00:58
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467078	NFT2	EET CF	09/17/25 13:59
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467205	NFT2	EET CF	09/18/25 12:45
Total/NA	Analysis	I-3765-85		1	466257	DGU1	EET CF	09/10/25 12:15
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/12/25 11:50
Total/NA	Analysis	SM 2540C		1	466143	HE7K	EET CF	09/09/25 15:36
Total/NA	Analysis	Field Sampling		1	467181	FQT6	EET CF	09/04/25 18:45

Client Sample ID: Field Blank

Lab Sample ID: 310-315050-23

Date Collected: 09/03/25 12:15

Matrix: Water

Date Received: 09/05/25 16:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9056A		1	466614	QTZ5	EET CF	09/13/25 01:12
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467078	NFT2	EET CF	09/17/25 14:01
Total/NA	Prep	3005A			466149	QTZ5	EET CF	09/10/25 09:00
Total/NA	Analysis	6020B		1	467205	NFT2	EET CF	09/18/25 12:48
Total/NA	Analysis	I-3765-85		1	466022	DGU1	EET CF	09/09/25 07:25
Total/NA	Analysis	SM 2320B		1	466507	WZC8	EET CF	09/12/25 12:00
Total/NA	Analysis	SM 2540C		1	465959	ENB7	EET CF	09/08/25 11:07

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Laboratory: Eurofins Cedar Falls

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

Authority	Program	Identification Number	Expiration Date
Iowa	State	007	12-01-25

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Method Summary

Client: SCS Engineers
Project/Site: Stoney Point Landfill 25225065.00

Job ID: 310-315050-1

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET CF
6020B	Metals (ICP/MS)	SW846	EET CF
I-3765-85	Residue, Non-filterable (TSS)	USGS	EET CF
SM 2320B	Alkalinity	SM	EET CF
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET CF
Field Sampling	Field Sampling	EPA	EET CF
3005A	Preparation, Total Metals	SW846	EET CF

Protocol References:

EPA = US Environmental Protection Agency

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.

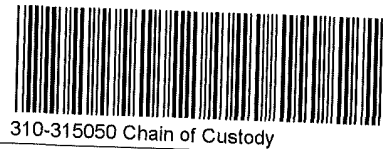
USGS = "Methods For Analysis Of Water And Fluvial Sediments", USGS, 1989

Laboratory References:

EET CF = Eurofins Cedar Falls, 3019 Venture Way, Cedar Falls, IA 50613, TEL (319)277-2401



Environment Testing
America



Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client <u>SCS</u>			
City/State	CITY <u>Madison</u>	STATE <u>WI</u>	Project.
Receipt Information			
Date/Time Received	DATE <u>9/5/25</u>	TIME <u>1645</u>	Received By. <u>SA</u>
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes: Cooler ID	
Multiple Coolers?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes Cooler # <u>1</u> of <u>4</u>	
Cooler Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes. Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Trip Blank Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes. Which VOA samples are in cooler? ↓	
Temperature Record			
Coolant.	<input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other: _____ <input type="checkbox"/> NONE		
Thermometer ID:	<u>A-A</u>	Correction Factor (°C):	<u>0</u>
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C):	<u>-2.3</u>	Corrected Temp (°C):	<u>-2.3</u>
• Sample Container Temperature			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) If yes: Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g , bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE: If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			
<u>No IL Received for LW-03</u>			





Environment Testing
America

Place COC scanning label
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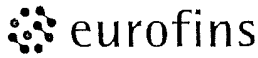
Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client <u>SOS</u>			
City/State	CITY <u>Madison</u>	STATE <u>WI</u>	Project
Receipt Information			
Date/Time Received:	DATE <u>9/11/25</u>	TIME <u>16:05</u>	Received By: <u>[Signature]</u>
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes</i> Cooler ID: _____			
Multiple Coolers? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes</i> Cooler # <u>2</u> of <u>4</u>			
Cooler Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes</i> Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Sample Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes</i> Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Trip Blank Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes</i> Which VOA samples are in cooler? ↓			
Temperature Record			
Coolant: <input type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other _____ <input type="checkbox"/> NONE			
Thermometer ID: <u>AA</u>		Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C): <u>-1.8</u>		Corrected Temp (°C): <u>-1.8</u>	
• Sample Container Temperature			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) <i>If yes</i> : Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE: If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			



Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client <u>SCS</u>			
City/State	CITY <u>Madison</u>	STATE <u>WI</u>	Project
Receipt Information			
Date/Time Received.	DATE <u>9/5/25</u>	TIME <u>1645</u>	Received By <u>SA</u>
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes</i> Cooler ID			
Multiple Coolers? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes.</i> Cooler # <u>3</u> of <u>4</u>			
Cooler Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes</i> Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Sample Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes.</i> Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Trip Blank Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes.</i> Which VOA samples are in cooler? ↓			
Temperature Record			
Coolant <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other _____ <input type="checkbox"/> NONE			
Thermometer ID: <u>AA</u>		Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C) <u>-1.9</u>		Corrected Temp (°C) <u>-1.9</u>	
• Sample Container Temperature			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) <i>If yes:</i> Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE: If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			



Environment Testing
America

Place COC scanning label
here

Cooler/Sample Receipt and Temperature Log Form

Client Information			
Client <u>S&S</u>			
City/State.	CITY <u>Madison</u>	STATE <u>WI</u>	Project
Receipt Information			
Date/Time Received	DATE <u>9/17/25</u>	TIME <u>1645</u>	Received By: <u>[Signature]</u>
Delivery Type: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> FedEx Ground <input type="checkbox"/> US Mail <input type="checkbox"/> Spee-Dee <input checked="" type="checkbox"/> Lab Courier <input type="checkbox"/> Lab Field Services <input type="checkbox"/> Client Drop-off <input type="checkbox"/> Other: _____			
Condition of Cooler/Containers			
Sample(s) received in Cooler? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes</i> Cooler ID			
Multiple Coolers? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>If yes.</i> Cooler # <u>4</u> of <u>4</u>			
Cooler Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes</i> Cooler custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Sample Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes</i> Sample custody seals intact? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Trip Blank Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>If yes</i> Which VOA samples are in cooler? ↓			
Temperature Record			
Coolant: <input checked="" type="checkbox"/> Wet ice <input type="checkbox"/> Blue ice <input type="checkbox"/> Dry ice <input type="checkbox"/> Other _____ <input type="checkbox"/> NONE			
Thermometer ID: <u>AA</u>		Correction Factor (°C): <u>0</u>	
• Temp Blank Temperature – If no temp blank, or temp blank temperature above criteria, proceed to Sample Container Temperature			
Uncorrected Temp (°C) <u>1.1</u>		Corrected Temp (°C): <u>1.1</u>	
• Sample Container Temperature			
Container(s) used:	CONTAINER 1	CONTAINER 2	
Uncorrected Temp (°C):			
Corrected Temp (°C):			
Exceptions Noted			
1) If temperature exceeds criteria, was sample(s) received same day of sampling? <input type="checkbox"/> Yes <input type="checkbox"/> No a) <i>If yes:</i> Is there evidence that the chilling process began? <input type="checkbox"/> Yes <input type="checkbox"/> No			
2) If temperature is <0°C, are there obvious signs that the integrity of sample containers is compromised? (e.g., bulging septa, broken/cracked bottles, frozen solid?) <input type="checkbox"/> Yes <input type="checkbox"/> No			
NOTE If yes, contact PM before proceeding. If no, proceed with login			
Additional Comments			



Chain of Custody Record



Client Information		Sampler: <u>Michael Morgan</u>		Lab PM: <u>Sandie Fredrick</u>	Carrier Tracking No(s):	COC No:	
Client Contact: <u>Meghan Blodgett</u>		Phone: <u>515-631-0778</u>		E-Mail: <u>Sandie.Fredrick@eurofins.com</u>	State of Origin: <u>IA</u>	Page: <u>1 of 3</u>	
Company: <u>SCS Engineers</u>		PWSID:		Analysis Requested			Job #: _____
Address: <u>2830 Dairy Dr</u>		Due Date Requested:		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			Preservation Codes A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Arniclor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other _____
City: <u>Madison</u>		TAT Requested (days):		Metals (As, Ba, Be, B, Ca, Co, Fe, Pb, Li, Mg, Mn, Mo, Se, K, Na)			
State: <u>WI</u> Zip: <u>53718</u>		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			
Phone: <u>608-345-9221</u>		PO #:		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			
Email: <u>mblodgett@scsengineers.com</u>		WO #:		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			
Project Name: <u>Stoney Point Landfill</u>		Project #: <u>25225065 00</u>		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			
Site: <u>Stoney Point Landfill</u>		SSOV#:		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			
		Sample Date		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			
		Sample Time		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			
		Sample Type (C=Comp, G=grab)		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			
		Matrix (W=water, S=solid, O=wastefoil, BT=tissue, A=air)		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			
		Preservation Code:		Metals (As, B, Ca, Li, Mg, Mo, K, Na)			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Anions (chloride, fluoride, sulfate)	TDS, TSS	Metals (As, Ba, Be, B, Ca, Co, Fe, Pb, Li, Mg, Mn, Mo, Se, K, Na)	Metals (As, B, Ca, Li, Mg, Mo, K, Na)	Bicarbonate and carbonate	Total Number of containers	Special Instructions/Note.
MW-2A	9/4/25	17:15	W	W	X	X	X	X	X	X	X	X	
MW-3	9/4/25	16:45	W	W	X	X	X	X	X	X	X	X	
MW-8	9/4/25	17:12	W	W	X	X	X	X	X	X	X	X	
MW-9	9/4/25	10:11	W	W	X	X	X	X	X	X	X	X	
MW-10	9/4/25	12:17	W	W	X	X	X	X	X	X	X	X	
MW-11	9/4/25	14:47	W	W	X	X	X	X	X	X	X	X	
MW-12	9/4/25	13:50	W	W	X	X	X	X	X	X	X	X	
MW-13	9/4/25	15:28	W	W	X	X	X	X	X	X	X	X	
MW-15	9/4/25	16:10	W	W	X	X	X	X	X	X	X	X	
MW-16	9/3/25	16:21	W	W	X	X	X	X	X	X	X	X	
MW-17	9/3/25	16:53	W	W	X	X	X	X	X	X	X	X	

Possible Hazard Identification
 Non-Hazard Ammable Sk ant Poison B own Radiological

Deliverable Requested I II III IV Other (specify) _____
 Empty Kit Relinquished by _____ Date _____ Method of Shipment: _____
 Relinquished by: Michael Morgan Date/Time: 9/5/25 10:00 AM Company: SCS Engineers
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____
 Custody Seals Intact: Yes No Delta No Delta No
 Cooler Temperature(s) °C and Other Remarks: _____



Chain of Custody Record



Client Information
 Client Contact: Meghan Bloodgett
 Phone: 515-631-0778
 Company: SCS Engineers
 Address: 2830 Dairy Dr
 City: Madison
 State Zip: WI 53718
 Phone: 608-345-9221
 Email: mbloodgett@scsengineers.com
 Project Name: Stoney Point Landfill
 Site: Stoney Point Landfill

Sampler: Michael Morgan
 Phone: 515-631-0778
 Lab PM: Sandie Fredrick
 E-Mail: Sandie.Fredrick@eurofins.com

Analysis Requested
 Due Date Requested: _____
 TAT Requested (days): _____
 Compliance Project: Yes No
 PO #: _____
 WO #: _____
 Project #: 25225065 00
 SOW#: _____

Sample Identification

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)	Field Filtered Sample (Yes or No)			Perform MS/MSD (Yes or No)			Anions (chloride, fluoride, sulfate)			Metals (As, Ba, Be, B, Ca, Co, Cr, Fe, Pb, Li, Mg, Mn, Mo, Se, K, Na)			Metals (As, B, Ca, Li, Mg, Mo, K, Na)			Metals (As, B, Ca, Li, Mn, Mo)			Bicarbonate and carbonate			Total Number of Containers	Special Instructions/Note
					Field Filtered	MS/MSD	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No					
MW-18	9/3/25	18:26		W																							
MW-20				W																							
MW-21	9/3/25	11:38		W																							
MW-22	9/3/25	13:45		W																							
MW-23	9/4/25	19:34		W																							
MW-24	9/4/25	9:42		W																							
MW-25	9/4/25	18:50		W																							
MW-26	9/3/25	10:26		W																							
MW-27																											
SW-1	9/3/25	17:25		W																							
SW-2	9/4/25	13:25		W																							

Possible Hazard Identification
 Non-Hazard ammable ant ant own iological
 Deliverable Requested I II III IV Other (specify) _____

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposal By Lab Archive For _____ Months

Special Instructions/QC Requirements: _____

Empty Kit Relinquished by: _____ Date: _____
 Relinquished by: Michael Morgan Date/Time: 9/5/25 10:00 AM Company: SCS Engineers
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No
 Custody Seal No _____
 Cooler Temperature(s) °C and Other Remarks: _____



Chain of Custody Record

Client Information		Lab PM: <u>Sandle Fredrick</u>		Carrier Tracking No(s):										
Client Contact: <u>Meghan Blodgett</u>		E-Mail: <u>Sandle.Fredrick@et.eurofinsus.com</u>		State of Origin: <u>IA</u>										
Company: <u>SCS Engineers</u>		Phone: <u>515-631-0778</u>		Page: <u>3 of 3</u>										
Address: <u>2830 Dairy Dr</u>		PWSID:		Job #:										
City: <u>Madison</u>		Due Date Requested:		COC No:										
State Zip: <u>WI 53718</u>		TAT Requested (days):		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:										
Phone: <u>608-345-9221</u>		Compliance Project: <u>Δ Yes Δ No</u>		M - Hexane N - None O - ASNBC2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)										
Email: <u>mblodgett@scsenigneers.com</u>		PO #:		Total Number of containers: <u>X</u>										
Project Name: <u>Stoney Point Landfill</u>		WO #:		Special Instructions/Note:										
Site: <u>Stoney Point Landfill</u>		Project #: <u>25225065 00</u>												
		SSON#:												
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=TISSUE, A=ALP)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Anions (chloride, fluoride, sulfate)	TDS, TSS	Metals (As, Ba, Be, B, Ca, Co, Cr, Cu, Fe, Pb, Li, Mg, Mn, Mo, Ni, Se, K, Na)	Metals (B, Ca, Li, Mg, Mo, K, Na)	Metals (As, B, Ca, Li, Mg, Mn, Mo, K, Na)	Bicarbonate and carbonate	Analysis Requested	Special Instructions/Note
LW-1					X	X	X	X	X	X	X			
LW-2	9/14/25	19:10		W	X	X	X	X	X	X	X			
LW-3	9/14/25	18:45		W	X	X	X	X	X	X	X			
Field Blank	9/3/25	12:15		W	X	X	X	X	X	X	X			
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Ammable <input type="checkbox"/> Sk <input type="checkbox"/> ant <input type="checkbox"/> Poison B <input type="checkbox"/> own <input type="checkbox"/> Radiological Deliverable Requested I II III IV Other (specify)														
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:														
Empty Kit Relinquished by: _____ Date: _____ Method of Shipment: _____ Relinquished by: <u>Michael Morgan</u> Date/Time: <u>9/15/25 10:03 AM</u> Company: <u>SCS Engineers</u> Relinquished by: _____ Date/Time: _____ Company: _____ Relinquished by: _____ Date/Time: _____ Company: _____ Custody Seals intact: <u>Δ Yes Δ No</u> Cooler Temperature(s) °C and Other Remarks:														



Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 310-315050-1

SDG Number:

Login Number: 315050

List Number: 1

Creator: Homolar, Dana J

List Source: Eurofins Cedar Falls

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.	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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Groundwater Monitoring Results - Field Parameters
Stoney Point Closed Landfill / SCS Engineers Project #25225065.00
September 2025

Sample	Sample Date	GW Elevation (feet amsl)	Leachate Elevation (ft amsl)	Temperature (Deg. C)	pH (Std. Units)	Specific Conductivity (µs/cm)
MW2A	9/4/2025	824.69	--	16.2	7.45	616
MW3	9/4/2025	816.00	--	14.0	6.83	868
MW8	9/4/2025	811.82	--	14.5	7.14	547
MW9	9/4/2025	811.31	--	16.2	7.21	810
MW10	9/4/2025	799.63	--	17.0	6.84	2314
MW11	9/4/2025	799.2	--	15.5	6.95	2,106
MW12	9/4/2025	789.13	--	15.8	7.12	770
MW13	9/4/2025	>799.86	--	15.9	6.85	2,361
MW15	9/4/2025	791.99	--	14.5	6.80	2,657
MW16	9/3/2025	--	--	15.5	6.68	2,535
MW17	9/3/2025	>804.99	--	14.1	7.13	1,448
MW18	9/3/2025	>804.94	--	12.1	6.93	2,177
MW21	9/3/2025	792.48	--	15.4	6.82	1010
MW22	9/3/2025	>800.49	--	11.8	7.09	991
MW23	9/4/2025	793.34	--	14.2	7.67	673
MW24	9/4/2025	810.04	--	17.4	7.18	610
MW25	9/4/2025	805.91	--	13.9	7.22	2647
MW26	9/3/2025	801.84	--	13.3	6.40	1,130
LW02	9/4/2025	--	805.66	13.5	7.59	1786
LW03	9/4/2025	--	821.01	13.2	7.51	937
SW1	9/3/2025	--	--	19.7	7.63	1116
SW2	9/4/2025	--	--	22.0	7.93	1390



Groundwater Monitoring Results - Field Parameters
Stoney Point Closed Landfill / SCS Engineers Project #25225065.00
September 2025

Abbreviations:

mg/L = milligrams per liter

mV = millivolts

amsl = above mean sea level

Notes:

None

Created by: MDB

Date: 8/3/2018

Last revision by: RM

Date: 9/9/2025

Checked by: BLJ

Date: 9/18/2025

\\tafs\private\FQT6\Documents\Field Data\[2509_Stoney Point_Field Data for Lab.xlsx]GW Field Parameters



Appendix D

Summary of Groundwater Chemistry – Pre-2019

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

ARSENIC
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20
ARSENIC, DISSOLVED	1994-Feb		<5		<5		<5	14	<5	
ARSENIC, DISSOLVED	1994-Apr		<5	<5	<5		<5	<5	<5	
ARSENIC, DISSOLVED	1994-Jul		<5	<5	<5		<5	150	<5	
ARSENIC, DISSOLVED	1994-Oct		11.8	<5	<5		<5	<5	17.7	
ARSENIC, DISSOLVED	1995-Apr		<5					<5	<5	
ARSENIC, DISSOLVED	1995-Oct		<5					<10	<5	
ARSENIC, DISSOLVED	1996-Apr		<1					<1	1.3	
ARSENIC, DISSOLVED	1996-Oct		<5					<5	<5	
ARSENIC, DISSOLVED	1999-Sep			<1				<20	<1	
ARSENIC, DISSOLVED	2000-Sep			1.8				4.8	<1	
ARSENIC, DISSOLVED	2001-Sep	<1	<1	<1	3.7		<1	<5	<1	
ARSENIC, DISSOLVED	2002-Sep	<1	<1	<1	10		6	<1	<1	
ARSENIC, DISSOLVED	2003-Sep	<1	<1	<1	4.9		2.6	<6	<1	
ARSENIC, DISSOLVED	2004-Sep	<1	<1	<1	3.2	<1	7.7	<4	<1	
ARSENIC, DISSOLVED	2005-Jun									<1
ARSENIC, DISSOLVED	2005-Sep	<1	<1	<1	10.6	<1	3.9	<1	1	
ARSENIC, DISSOLVED	2005-Oct									<1
ARSENIC, DISSOLVED	2006-Sep	<1	<1	<2	2.65	<1	5.05	<1	<1	<1
ARSENIC, DISSOLVED	2007-Sep	<1	<1	1.42	3.29	1.29	4.06	<1	<1	<1
ARSENIC, DISSOLVED	2008-Sep	<1	<1	<1	17.6	1.05	7.18	1.84	1.97	<1
ARSENIC, DISSOLVED	2009-Sep	<1	<1	<2	18.3	<1	3.66	<10	<1	<1
ARSENIC, DISSOLVED	2010-Aug	<1	<1	<2	27.7	<3	<2	<2	<4	<2
ARSENIC, DISSOLVED	2011-Sep	<2	<2	<6	25.9	<6	<8	<1	<8	<4
ARSENIC, DISSOLVED	2012-Sep	<1	<1	<1	17.5	<2	<2	<1	<3	<3
ARSENIC, DISSOLVED	2013-Sep	<0.05	<0.05	2.1	11.6	2.8	5.5	4.7	1.9	5.4
ARSENIC, DISSOLVED	2014-Sep	<1	<1	1.9	40.2	1.5	12.2	4	1.1	<1
ARSENIC, DISSOLVED	2015-Apr									
ARSENIC, DISSOLVED	2015-Sep	<1	<1	4.8	23.6	4.7	7.4	6.6	4.2	1.4
ARSENIC, DISSOLVED	2016-Sep	0.21	0.1		2	<0.1				
ARSENIC	2012-Sep									
ARSENIC	2013-Sep									
ARSENIC	2014-Sep									
ARSENIC	2015-Sep									
ARSENIC	2016-Sep	0.24	0.17	2.2	2.9	<0.1	5.5	1.1	<0.1	0.51
ARSENIC	2017-Sep	1.2	0.18	8	34.4	0.36	3.2	0.5	0.79	
ARSENIC	2018-Sep	0.2	0.2	0.8	16	0.51	2.8	0.94	1.8	1.1

GW Standard:
MCL = 10

IPL Stoney Point Closed Landfill Historic Monitoring Results

ARSENIC
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02
ARSENIC, DISSOLVED	1994-Feb											
ARSENIC, DISSOLVED	1994-Apr											
ARSENIC, DISSOLVED	1994-Jul											
ARSENIC, DISSOLVED	1994-Oct											
ARSENIC, DISSOLVED	1995-Apr											
ARSENIC, DISSOLVED	1995-Oct											
ARSENIC, DISSOLVED	1996-Apr											
ARSENIC, DISSOLVED	1996-Oct											
ARSENIC, DISSOLVED	1999-Sep											
ARSENIC, DISSOLVED	2000-Sep											
ARSENIC, DISSOLVED	2001-Sep											
ARSENIC, DISSOLVED	2002-Sep											
ARSENIC, DISSOLVED	2003-Sep											
ARSENIC, DISSOLVED	2004-Sep											
ARSENIC, DISSOLVED	2005-Jun	2	<1	<1					<1	<1		
ARSENIC, DISSOLVED	2005-Sep	5.4	<1	<1								
ARSENIC, DISSOLVED	2005-Oct								<1	<1		
ARSENIC, DISSOLVED	2006-Sep	3.31	<1	<1					<1	<1		
ARSENIC, DISSOLVED	2007-Sep	16.9	<1	<1					<1	<1		
ARSENIC, DISSOLVED	2008-Sep	28.9	1.15	<1					<1	<1		
ARSENIC, DISSOLVED	2009-Sep	4.07	<1	<1					<1	<1		
ARSENIC, DISSOLVED	2010-Aug	29.6	<2	<1					<3	<1		
ARSENIC, DISSOLVED	2011-Sep	19.4	<3	<2					<4	<2		
ARSENIC, DISSOLVED	2012-Sep	39.3	<3	<2					<2	<2		
ARSENIC, DISSOLVED	2013-Sep	32.4	1	<0.05					2.6	4.6		
ARSENIC, DISSOLVED	2014-Sep	27.7	<1	<1							1.9	1.9
ARSENIC, DISSOLVED	2015-Apr				<1	<1	<1	1.9				
ARSENIC, DISSOLVED	2015-Sep	24.9	2.4	1.1	1.4	1.9	1.3	3.2				4
ARSENIC, DISSOLVED	2016-Sep											
ARSENIC	2012-Sep											
ARSENIC	2013-Sep											
ARSENIC	2014-Sep											
ARSENIC	2015-Sep											
ARSENIC	2016-Sep	31.4	<0.1	2	3.1	2.4	0.11	18.6			1.4	1.4
ARSENIC	2017-Sep	27.4	0.23	0.51	9.6	3.1	0.15	2.2	1	1.8	2	1.8
ARSENIC	2018-Sep	34.1	1.1	0.35	2.2	0.92	0.2	1.4			1.7	1.5

GW Standard:
MCL = 10

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

ARSENIC
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	LW-02	LW-03
ARSENIC, DISSOLVED	1994-Feb		
ARSENIC, DISSOLVED	1994-Apr		
ARSENIC, DISSOLVED	1994-Jul		
ARSENIC, DISSOLVED	1994-Oct		
ARSENIC, DISSOLVED	1995-Apr		
ARSENIC, DISSOLVED	1995-Oct		
ARSENIC, DISSOLVED	1996-Apr		
ARSENIC, DISSOLVED	1996-Oct		
ARSENIC, DISSOLVED	1999-Sep		
ARSENIC, DISSOLVED	2000-Sep		
ARSENIC, DISSOLVED	2001-Sep		
ARSENIC, DISSOLVED	2002-Sep		
ARSENIC, DISSOLVED	2003-Sep		
ARSENIC, DISSOLVED	2004-Sep		
ARSENIC, DISSOLVED	2005-Jun		
ARSENIC, DISSOLVED	2005-Sep		
ARSENIC, DISSOLVED	2005-Oct		
ARSENIC, DISSOLVED	2006-Sep		
ARSENIC, DISSOLVED	2007-Sep		
ARSENIC, DISSOLVED	2008-Sep		
ARSENIC, DISSOLVED	2009-Sep		
ARSENIC, DISSOLVED	2010-Aug		
ARSENIC, DISSOLVED	2011-Sep		
ARSENIC, DISSOLVED	2012-Sep		
ARSENIC, DISSOLVED	2013-Sep		
ARSENIC, DISSOLVED	2014-Sep		
ARSENIC, DISSOLVED	2015-Apr		
ARSENIC, DISSOLVED	2015-Sep		
ARSENIC, DISSOLVED	2016-Sep		
ARSENIC	2012-Sep	201	48.3
ARSENIC	2013-Sep	255	52.3
ARSENIC	2014-Sep	405	43.2
ARSENIC	2015-Sep	14.1	48.7
ARSENIC	2016-Sep	6.6	139
ARSENIC	2017-Sep	315	97
ARSENIC	2018-Sep	374	101

GW Standard:
MCL = 10

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

BARIUM
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20
BARIUM, DISSOLVED	1994-Feb		<500		<500		<500	<500	<500	
BARIUM, DISSOLVED	1994-Apr		<500	<500	<500		<500	<500	<500	
BARIUM, DISSOLVED	1994-Jul		76	144	136		<50	<50	335	
BARIUM, DISSOLVED	1994-Oct		84	140	158		42	77	455	
BARIUM, DISSOLVED	1995-Apr						242			
BARIUM, DISSOLVED	1995-Oct						41			
BARIUM, DISSOLVED	1997-Apr						38		414	
BARIUM, DISSOLVED	1997-Oct						26		312	
BARIUM, DISSOLVED	1998-Apr						<10		294	
BARIUM, DISSOLVED	1998-Oct						182		342	
BARIUM, DISSOLVED	1999-Sep	67	86	93	159		32	53	368	
BARIUM, DISSOLVED	2000-Sep	68	86	71	164		37	41	253	
BARIUM, DISSOLVED	2001-Sep	70	85	69	211		21	48	185	
BARIUM, DISSOLVED	2002-Sep	71	94	85	270		43	41	160	
BARIUM, DISSOLVED	2003-Sep	67	82	78	252		33	42	167	
BARIUM, DISSOLVED	2004-Sep	81	90	78	217		32	48	141	
BARIUM, DISSOLVED	2005-Jun									82
BARIUM, DISSOLVED	2005-Sep	67	88	73	256	54	35	49	162	
BARIUM, DISSOLVED	2005-Oct									89
BARIUM, DISSOLVED	2006-Sep	64.4	103	75.2	276	58.5	25	38.2	146	77.9
BARIUM, DISSOLVED	2007-Sep	72.8	77.2	66.1	199	53	24.5	29.7	110	51.3
BARIUM, DISSOLVED	2008-Sep	67.3	89.3	69.2	277	84.9	27.9	58.9	112	49.4
BARIUM, DISSOLVED	2009-Sep	75.9	79.7	58.7	267	63.4	22.5	<50	94.1	42.2
BARIUM, DISSOLVED	2010-Aug	76.6	86.2	51.8	269	86.6	14.3	<30	95.3	46.9
BARIUM, DISSOLVED	2011-Sep	72.3	79.5	53.8	257	76.8	15.4	39.4	103	42.3
BARIUM, DISSOLVED	2012-Sep	77.2	85.7	55.9	276	65.2	20.3	43.6	116	48.1
BARIUM, DISSOLVED	2013-Sep	83.3	89.5	51.3	271	68.2	21	34.2	116	48
BARIUM, DISSOLVED	2014-Sep	76.5	85.6	51.9	457	59.6	29.8	38.5	111	45.9
BARIUM, DISSOLVED	2015-Apr									
BARIUM, DISSOLVED	2015-Sep	78.2	84.2	47.7	212	52.8	17	28.4	83.7	35.2
BARIUM, DISSOLVED	2016-Sep	210	81		200	38				
BARIUM	2016-Sep	234	84.2	121	200	39.6	41.6	43.5	79.6	55.3
BARIUM	2017-Sep	149	81.2	252	336	65.2	41.6	47.8	119	
BARIUM	2018-Sep	101	84.1	46.9	188	57.4	33.3	42.2	203	52.5

GW Standard:
MCL = 2000

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

BARIUM
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02
BARIUM, DISSOLVED	1994-Feb											
BARIUM, DISSOLVED	1994-Apr											
BARIUM, DISSOLVED	1994-Jul											
BARIUM, DISSOLVED	1994-Oct											
BARIUM, DISSOLVED	1995-Apr											
BARIUM, DISSOLVED	1995-Oct											
BARIUM, DISSOLVED	1997-Apr											
BARIUM, DISSOLVED	1997-Oct											
BARIUM, DISSOLVED	1998-Apr											
BARIUM, DISSOLVED	1998-Oct											
BARIUM, DISSOLVED	1999-Sep											
BARIUM, DISSOLVED	2000-Sep											
BARIUM, DISSOLVED	2001-Sep											
BARIUM, DISSOLVED	2002-Sep											
BARIUM, DISSOLVED	2003-Sep											
BARIUM, DISSOLVED	2004-Sep											
BARIUM, DISSOLVED	2005-Jun	223	291	160					51	35		
BARIUM, DISSOLVED	2005-Sep	252	284	138								
BARIUM, DISSOLVED	2005-Oct								15	90		
BARIUM, DISSOLVED	2006-Sep	355	285	144					<60			
BARIUM, DISSOLVED	2007-Sep	376	340	132					13.2	<10		
BARIUM, DISSOLVED	2008-Sep	407	227	152					56.7	83.3		
BARIUM, DISSOLVED	2009-Sep	379	270	146					23.7	50.4		
BARIUM, DISSOLVED	2010-Aug	382	292	161					12.6	42.5		
BARIUM, DISSOLVED	2011-Sep	352	353	148					16.6	40.8		
BARIUM, DISSOLVED	2012-Sep	385	338	163					23.1	39.1		
BARIUM, DISSOLVED	2013-Sep	382	224	160					13.8	33.2		
BARIUM, DISSOLVED	2014-Sep	362	282	150							165	148
BARIUM, DISSOLVED	2015-Apr				93.1	190	160	83.6				
BARIUM, DISSOLVED	2015-Sep	390	262	155	148	264	147	67.1				187
BARIUM, DISSOLVED	2016-Sep											
BARIUM	2016-Sep	398	232	247	480	350	163	279			135	144
BARIUM	2017-Sep	342	228	186	557	353	150	98.4	11.7	98.6	164	173
BARIUM	2018-Sep	395	275	198	383	330	149	116	38.7	249	137	127

GW Standard:
MCL = 2000

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

BERYLLIUM
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20
BERYLLIUM, DISSOLVED	1999-Sep	<10	<10	<10	<10		<10	<10	<10	
BERYLLIUM, DISSOLVED	2000-Sep	<10	<10	<10	<10		<10	<10	<10	
BERYLLIUM, DISSOLVED	2001-Sep	<10	<10	<10	<10		<10	<10	<10	
BERYLLIUM, DISSOLVED	2002-Sep	<10	<10	<10	<10		<10	<10	<10	
BERYLLIUM, DISSOLVED	2003-Sep	<10	<10	<10	<10		<10	<10	<10	
BERYLLIUM, DISSOLVED	2004-Sep	<10	<10	<10	<10		<10	<10	<10	
BERYLLIUM, DISSOLVED	2005-Jun									<10
BERYLLIUM, DISSOLVED	2005-Sep	<10	<10	<10	<10	<10	<10	<10	<10	
BERYLLIUM, DISSOLVED	2005-Oct									<10
BERYLLIUM, DISSOLVED	2006-Sep	<10	<10	<10	<10	<10	<10	<10	<10	<10
BERYLLIUM, DISSOLVED	2007-Sep	<10	<10	<10	<10	<10	<10	<10	<10	<10
BERYLLIUM, DISSOLVED	2008-Sep	<10	<10	<10	<10	<10	<10	<10	<10	<10
BERYLLIUM, DISSOLVED	2009-Sep	<10	<10	<10	<10	<10	<10	<50	<10	<10
BERYLLIUM, DISSOLVED	2010-Aug	<10	<10	16.6	<10	15.2	24.2	<30	<10	<10
BERYLLIUM, DISSOLVED	2011-Sep	<10	<10	<10	<10	<10	<10	<30	<10	<10
BERYLLIUM, DISSOLVED	2012-Sep	<1	<1	<1	<1	<1	<1	<2	<1	<1
BERYLLIUM, DISSOLVED	2013-Sep	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
BERYLLIUM, DISSOLVED	2014-Sep	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
BERYLLIUM, DISSOLVED	2015-Apr									
BERYLLIUM, DISSOLVED	2015-Sep	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
BERYLLIUM, DISSOLVED	2016-Sep	<0.08	<0.08		<0.08	<0.08				
BERYLLIUM	2016-Sep	<0.08	<0.08	0.14 M1	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
BERYLLIUM	2017-Sep	0.048	<0.012	0.39	0.018	0.026	<0.012	<0.012	0.1	
BERYLLIUM	2018-Sep	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	0.21	<0.12

GW Standard:
MCL = 4

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

**BERYLLIUM
UNITS: UG/L**

CHEMICAL PARAMETER	EVENT	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27
BERYLLIUM, DISSOLVED	1999-Sep							
BERYLLIUM, DISSOLVED	2000-Sep							
BERYLLIUM, DISSOLVED	2001-Sep							
BERYLLIUM, DISSOLVED	2002-Sep							
BERYLLIUM, DISSOLVED	2003-Sep							
BERYLLIUM, DISSOLVED	2004-Sep							
BERYLLIUM, DISSOLVED	2005-Jun	<10	<10	<10				
BERYLLIUM, DISSOLVED	2005-Sep	<10	<10	<10				
BERYLLIUM, DISSOLVED	2005-Oct							
BERYLLIUM, DISSOLVED	2006-Sep	<10	<10	<10				
BERYLLIUM, DISSOLVED	2007-Sep	<10	<10	<10				
BERYLLIUM, DISSOLVED	2008-Sep	<10	<10	<10				
BERYLLIUM, DISSOLVED	2009-Sep	<10	<10	<10				
BERYLLIUM, DISSOLVED	2010-Aug	<10	<10	<10				
BERYLLIUM, DISSOLVED	2011-Sep	<10	<10	<10				
BERYLLIUM, DISSOLVED	2012-Sep	<1	<1	<1				
BERYLLIUM, DISSOLVED	2013-Sep	<0.05	<0.05	<0.05				
BERYLLIUM, DISSOLVED	2014-Sep	<0.4	<0.4	<0.4				
BERYLLIUM, DISSOLVED	2015-Apr				<0.4	<0.4	<0.4	<0.4
BERYLLIUM, DISSOLVED	2015-Sep	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
BERYLLIUM, DISSOLVED	2016-Sep							
BERYLLIUM	2016-Sep	<0.08	<0.08	0.65	0.15	0.2	<0.08	1.1
BERYLLIUM	2017-Sep	<0.012	<0.012	0.11	0.22	0.11	<0.012	0.031
BERYLLIUM	2018-Sep	<0.12	0.17	<0.12	<0.12	<0.12	<0.12	<0.12

GW Standard:
MCL = 4

IPL Stoney Point Closed Landfill Historic Monitoring Results

BERYLLIUM
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	DPW-01	DPW-02	SW-01	SW-02
BERYLLIUM, DISSOLVED	1999-Sep				
BERYLLIUM, DISSOLVED	2000-Sep				
BERYLLIUM, DISSOLVED	2001-Sep				
BERYLLIUM, DISSOLVED	2002-Sep				
BERYLLIUM, DISSOLVED	2003-Sep				
BERYLLIUM, DISSOLVED	2004-Sep				
BERYLLIUM, DISSOLVED	2005-Jun	<10	<10		
BERYLLIUM, DISSOLVED	2005-Sep				
BERYLLIUM, DISSOLVED	2005-Oct	<10	<10		
BERYLLIUM, DISSOLVED	2006-Sep	<60			
BERYLLIUM, DISSOLVED	2007-Sep	<10	<10		
BERYLLIUM, DISSOLVED	2008-Sep	<10	<10		
BERYLLIUM, DISSOLVED	2009-Sep	<10	<10		
BERYLLIUM, DISSOLVED	2010-Aug	13.8	<10		
BERYLLIUM, DISSOLVED	2011-Sep	<10	<10		
BERYLLIUM, DISSOLVED	2012-Sep	1.45	<1		
BERYLLIUM, DISSOLVED	2013-Sep	<0.05	<0.05		
BERYLLIUM, DISSOLVED	2014-Sep			<0.4	<0.4
BERYLLIUM, DISSOLVED	2015-Apr				
BERYLLIUM, DISSOLVED	2015-Sep				<0.4
BERYLLIUM, DISSOLVED	2016-Sep				
BERYLLIUM	2016-Sep			<0.08	<0.08
BERYLLIUM	2017-Sep	0.018	0.29	<0.012	<0.012
BERYLLIUM	2018-Sep	<0.12	1	0.19	<0.12

GW Standard:
MCL = 4

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

BORON
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-03	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13	MW-14
BORON, DISSOLVED	2006-Sep	185	<100	2460	119	13000	5060	955	234	7540
BORON, DISSOLVED	2007-Sep	192	<100	2000	<100	11400	5540	1120	223	4840
BORON, DISSOLVED	2008-Sep	171	<100	2870	<100	12800	6460	500	250	3860
BORON, DISSOLVED	2009-Sep	117	<100	1530	<100	16300	7930	407	225	4210
BORON, DISSOLVED	2010-Aug	129	<100	1170	<100	15700	7840	427	391	3980
BORON, DISSOLVED	2011-Sep	145	<100	642	<100	15400	7220	409	284	12600
BORON, DISSOLVED	2012-Sep	170	<100	950	<100	21300	8600	601	285	19300
BORON, DISSOLVED	2013-Sep	121	<50	1770	<50	17300	9220	522	298	21800
BORON, DISSOLVED	2014-Sep	114	<100	2000	<100	15400	11200	568	601	21600
BORON, DISSOLVED	2015-Apr									
BORON, DISSOLVED	2015-Sep	127	<100	1160	251	17200	10500	335	2880	20300
BORON, DISSOLVED	2016-Sep	160		260				1200		7200
BORON	2012-Sep									
BORON	2013-Sep									
BORON	2014-Sep									
BORON	2015-Sep									
BORON	2016-Sep	159	<50	244	<50	17400 M1	8650	1200	7470	6630
BORON	2017-Sep	222	35.5 B	339	500	19800	6630	741	13200	15900
BORON	2018-Sep	141	49.3	1220	3620	18700	10300	910	9690	18700

GW Standard:
None

**IPL Stoney Point Closed Landfill
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BORON
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-15	MW-16	MW-17	MW-18	MW-20	MW-21	MW-22	MW-23	MW-24
BORON, DISSOLVED	2006-Sep	4170	26700	790	4800	678	153	<100	1460	
BORON, DISSOLVED	2007-Sep	4130	19300	678	4170	502	112	<100	853	
BORON, DISSOLVED	2008-Sep	5470	19900	815	4910	610	104	<100	1460	
BORON, DISSOLVED	2009-Sep	5330	37100	971	3730	653	102	<100	1130	
BORON, DISSOLVED	2010-Aug	5630	12600	961	4060	879	155	<100	752	
BORON, DISSOLVED	2011-Sep	5970	15500	1690	3660	1200	102	<100	800	
BORON, DISSOLVED	2012-Sep	7130	58800	2000	7820	1520	113	132	788	
BORON, DISSOLVED	2013-Sep	7610	49200	2970	13800	1780	137	123	519	
BORON, DISSOLVED	2014-Sep	6730	49400	3310	13500	2200	116	110	478	
BORON, DISSOLVED	2015-Apr									<100
BORON, DISSOLVED	2015-Sep	7310	47600	3380	12400	3700	102	158	526	<100
BORON, DISSOLVED	2016-Sep									
BORON	2012-Sep									
BORON	2013-Sep									
BORON	2014-Sep									
BORON	2015-Sep									
BORON	2016-Sep	13300	37800	1440	9240	3790	86.8	114	66.8	<50
BORON	2017-Sep	14200	46400	1670	8020		116 B	79.2 B	53.6 B	72.7 B
BORON	2018-Sep	10000	57700	5000	9420	6590	158	108	165	65.7

GW Standard:
None

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

BORON
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02	LW-02	LW-03
BORON, DISSOLVED	2006-Sep				8450					
BORON, DISSOLVED	2007-Sep				7760	1320				
BORON, DISSOLVED	2008-Sep				2100	923				
BORON, DISSOLVED	2009-Sep				6140	1070				
BORON, DISSOLVED	2010-Aug				5740	1140				
BORON, DISSOLVED	2011-Sep				6780	1970				
BORON, DISSOLVED	2012-Sep				9130	2390				
BORON, DISSOLVED	2013-Sep				5510	2400				
BORON, DISSOLVED	2014-Sep						362	2690		
BORON, DISSOLVED	2015-Apr	<100	<100	169						
BORON, DISSOLVED	2015-Sep	106	<100	174				6690		
BORON, DISSOLVED	2016-Sep									
BORON	2012-Sep								15200	5700
BORON	2013-Sep								16200	5830
BORON	2014-Sep								17100	4720
BORON	2015-Sep								690	4380
BORON	2016-Sep	98	<50	237			530	1430	265	5090
BORON	2017-Sep	105	58.3 B	203 B	7460	3250	997	7280	19500	4600
BORON	2018-Sep	153	94.5	232	21700	2510	325	663	17900 M1	5780

GW Standard:
None

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

COBALT
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20
COBALT, DISSOLVED	1999-Sep	<20	<20	<20	<20		<20	<20	<20	
COBALT, DISSOLVED	2000-Sep	<20	<20	<20	<20		<20	<20	<20	
COBALT, DISSOLVED	2001-Sep	<20	<20	<20	<20		<20	<20	<20	
COBALT, DISSOLVED	2002-Sep	<20	<20	<20	<20		28	<20	<20	
COBALT, DISSOLVED	2003-Sep	<20	<20	<20	<20		20	<20	<20	
COBALT, DISSOLVED	2004-Sep	<20	<20	<20	<20		<20	<20	<20	
COBALT, DISSOLVED	2005-Jun									<20
COBALT, DISSOLVED	2005-Sep	<20	<20	<20	<20	<20	26	24	<20	
COBALT, DISSOLVED	2005-Oct									<20
COBALT, DISSOLVED	2006-Sep	<20	<20	<20	<20	<20	<20	<20	<20	<20
COBALT, DISSOLVED	2007-Sep	<20	<20	<20	<20	<20	<20	<20	<20	<20
COBALT, DISSOLVED	2008-Sep	<20	<20	<20	<20	<20	<20	<20	<20	<20
COBALT, DISSOLVED	2009-Sep	<20	<20	<20	<20	<20	<20	<100	<20	<20
COBALT, DISSOLVED	2010-Aug	3.72	7.84	8.6	4.19	8.71	10.8	<4.65	3.57	5.9
COBALT, DISSOLVED	2011-Sep	2.5	<1.55	<1.55	<1.55	<1.55	8.81	<4.65	<1.55	<1.55
COBALT, DISSOLVED	2012-Sep	<1.55	<1.55	<1.55	3.87	<1.55	7.54	<3.1	<1.55	<1.55
COBALT, DISSOLVED	2013-Sep	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	52
COBALT, DISSOLVED	2014-Sep	<5	<5	<5	<5	<5	10.4	<5	<5	6.8
COBALT, DISSOLVED	2015-Apr									
COBALT, DISSOLVED	2015-Sep	<5	<5	<5	<5	<5	5.9	<5	<5	<5
COBALT, DISSOLVED	2016-Sep	<0.5	<0.5		<0.5	<0.5				
COBALT	2016-Sep	<0.5	<0.5	0.6	<0.5	<0.5	6.5	1.2	<0.5	1.7
COBALT	2017-Sep	3.7	0.28	2.3	2.9	0.38	7.2	2.8	0.91	
COBALT	2018-Sep	<0.15	0.17	<0.15	2.4	0.56	27.5	3.7	2.5	2.3

GW Standard:
None

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

COBALT
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27
COBALT, DISSOLVED	1999-Sep							
COBALT, DISSOLVED	2000-Sep							
COBALT, DISSOLVED	2001-Sep							
COBALT, DISSOLVED	2002-Sep							
COBALT, DISSOLVED	2003-Sep							
COBALT, DISSOLVED	2004-Sep							
COBALT, DISSOLVED	2005-Jun	<20	<20	<20				
COBALT, DISSOLVED	2005-Sep	<20	<20	<20				
COBALT, DISSOLVED	2005-Oct							
COBALT, DISSOLVED	2006-Sep	<20	<20	<20				
COBALT, DISSOLVED	2007-Sep	<20	<20	<20				
COBALT, DISSOLVED	2008-Sep	<20	<20	<20				
COBALT, DISSOLVED	2009-Sep	<20	<20	<20				
COBALT, DISSOLVED	2010-Aug	7.15	<1.55	5.91				
COBALT, DISSOLVED	2011-Sep	1.83	<1.55	<1.55				
COBALT, DISSOLVED	2012-Sep	<1.55	<1.55	<1.55				
COBALT, DISSOLVED	2013-Sep	<0.54	<0.54	<0.54				
COBALT, DISSOLVED	2014-Sep	<5	<5	<5				
COBALT, DISSOLVED	2015-Apr				<5	<5	<5	<5
COBALT, DISSOLVED	2015-Sep	<5	<5	<5	<5	<5	<5	<5
COBALT, DISSOLVED	2016-Sep							
COBALT	2016-Sep	<0.5	<0.5	0.55	12.2	1.4	<0.5	19
COBALT	2017-Sep	0.25	0.047	0.17	25.7	1.1	0.055	0.73
COBALT	2018-Sep	0.53	1.5	<0.15	1.2	1	<0.15	0.56

GW Standard:
None

IPL Stoney Point Closed Landfill Historic Monitoring Results

COBALT
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	DPW-01	DPW-02	SW-01	SW-02
COBALT, DISSOLVED	1999-Sep				
COBALT, DISSOLVED	2000-Sep				
COBALT, DISSOLVED	2001-Sep				
COBALT, DISSOLVED	2002-Sep				
COBALT, DISSOLVED	2003-Sep				
COBALT, DISSOLVED	2004-Sep				
COBALT, DISSOLVED	2005-Jun	<20	<20		
COBALT, DISSOLVED	2005-Sep				
COBALT, DISSOLVED	2005-Oct	<20	<20		
COBALT, DISSOLVED	2006-Sep	<120			
COBALT, DISSOLVED	2007-Sep	<20	<20		
COBALT, DISSOLVED	2008-Sep	<20	<20		
COBALT, DISSOLVED	2009-Sep	<20	<20		
COBALT, DISSOLVED	2010-Aug	8.07	5.55		
COBALT, DISSOLVED	2011-Sep	7.33	<1.55		
COBALT, DISSOLVED	2012-Sep	9.11	<1.55		
COBALT, DISSOLVED	2013-Sep	<0.54	<0.54		
COBALT, DISSOLVED	2014-Sep			<5	<5
COBALT, DISSOLVED	2015-Apr				
COBALT, DISSOLVED	2015-Sep				<5
COBALT, DISSOLVED	2016-Sep				
COBALT	2016-Sep			<0.5	<0.5
COBALT	2017-Sep	2.7	3.9	0.35	0.17
COBALT	2018-Sep	7.7	14.8	0.32	0.23

GW Standard:
None

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

COPPER
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20	MW-21
COPPER, DISSOLVED	1994-Feb		<50		<50		<50	<50	<50		
COPPER, DISSOLVED	1994-Apr		<50	<50	<50		<50	<50	<50		
COPPER, DISSOLVED	1994-Jul		<20	<20	<20		<20	<20	<20		
COPPER, DISSOLVED	1994-Oct		<20	<20	<20		<20	<20	<20		
COPPER, DISSOLVED	1999-Sep	<20		<20							
COPPER, DISSOLVED	2000-Sep	<20									
COPPER, DISSOLVED	2001-Sep	<20									
COPPER, DISSOLVED	2002-Sep	<20									
COPPER, DISSOLVED	2003-Sep	<20									
COPPER, DISSOLVED	2004-Sep	<20	<20	<20	<20		<20	<20	<20		
COPPER, DISSOLVED	2005-Jun									<20	<20
COPPER, DISSOLVED	2005-Sep	<20	<20	<20	<20	<20	<20	<20	<20		<20
COPPER, DISSOLVED	2005-Oct									<20	
COPPER, DISSOLVED	2006-Sep	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
COPPER, DISSOLVED	2007-Sep	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
COPPER, DISSOLVED	2008-Sep	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
COPPER, DISSOLVED	2009-Sep	<20	<20	<20	<20	<20	<20	<100	<20	<20	<20
COPPER, DISSOLVED	2010-Aug	<20	<20	<20	<20	<20	<20	<60	<20	<20	<20
COPPER, DISSOLVED	2011-Sep	<20	<20	<20	<20	<20	<20	<60	<20	<20	<20
COPPER, DISSOLVED	2012-Sep	<20	<20	<20	<20	<20	<20	<40	<20	<20	<20
COPPER, DISSOLVED	2013-Sep	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
COPPER, DISSOLVED	2014-Sep	<10	<10	<10	12.3	<10	<10	<10	<10	<10	<10
COPPER, DISSOLVED	2015-Apr										
COPPER, DISSOLVED	2015-Sep	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
COPPER, DISSOLVED	2016-Sep	2.2	1.1		1.2	<0.11					
COPPER	2016-Sep	2.8	0.5	2.5 M1	1.3	<0.11	1.7	2	0.16	5.7	1.3
COPPER	2017-Sep	8.3	0.36 B	8.9	2.8	0.97	5.9	2.9	2.7		1.9
COPPER	2018-Sep	1.6	1.6	<0.48	4.1	0.83	2.3	1.2	5.2	9	2.7

GW Standard:
SMCL = 1000

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

COPPER
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02
COPPER, DISSOLVED	1994-Feb										
COPPER, DISSOLVED	1994-Apr										
COPPER, DISSOLVED	1994-Jul										
COPPER, DISSOLVED	1994-Oct										
COPPER, DISSOLVED	1999-Sep										
COPPER, DISSOLVED	2000-Sep										
COPPER, DISSOLVED	2001-Sep										
COPPER, DISSOLVED	2002-Sep										
COPPER, DISSOLVED	2003-Sep										
COPPER, DISSOLVED	2004-Sep										
COPPER, DISSOLVED	2005-Jun	<20	<20					<20	<20		
COPPER, DISSOLVED	2005-Sep	<20	<20								
COPPER, DISSOLVED	2005-Oct							<20	29		
COPPER, DISSOLVED	2006-Sep	<20	<20					<120			
COPPER, DISSOLVED	2007-Sep	<20	<20					<20	<20		
COPPER, DISSOLVED	2008-Sep	<20	<20					<20	<20		
COPPER, DISSOLVED	2009-Sep	<20	<20					<20	<20		
COPPER, DISSOLVED	2010-Aug	<20	<20					<20	<20		
COPPER, DISSOLVED	2011-Sep	<20	<20					<20	<20		
COPPER, DISSOLVED	2012-Sep	<20	<20					<20	<20		
COPPER, DISSOLVED	2013-Sep	<2.7	<2.7					<2.7	<2.7		
COPPER, DISSOLVED	2014-Sep	<10	<10							<10	<10
COPPER, DISSOLVED	2015-Apr			<10	<10	<10	<10				
COPPER, DISSOLVED	2015-Sep	<10	<10	<10	<10	<10	<10				<10
COPPER, DISSOLVED	2016-Sep										
COPPER	2016-Sep	<0.11	1.9	10.1	6.8	0.34	31.4			0.85	0.95
COPPER	2017-Sep	0.49 B	0.58 B	21.7	4.1	0.5 B	1.6	2.6	14.8	0.74	0.82
COPPER	2018-Sep	3.2	0.6	1.7	3.1	0.96	1.3	7.3	38	1.7	1.6

GW Standard:
SMCL = 1000

**IPL Stoney Point Closed Landfill
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IRON
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20	MW-21
IRON, DISSOLVED	1994-Feb		60		80		110	730	400		
IRON, DISSOLVED	1994-Apr		170	3160	80		90	150	950		
IRON, DISSOLVED	1994-Jul		<100	1500	<100		<100	<100	1000		
IRON, DISSOLVED	1994-Oct		<100	2800	<100		<100	<100	530		
IRON, DISSOLVED	1995-Apr		<100	3400	<100		<100	<100	1200		
IRON, DISSOLVED	1995-Oct		<100	3000	<100		<100	<100	1400		
IRON, DISSOLVED	1996-Apr		<30	884	<30		<30	<30	1020		
IRON, DISSOLVED	1996-Oct		<30	1280	<30		30	103	1110		
IRON, DISSOLVED	1997-Apr		<100	110	<100		<100	<100	990		
IRON, DISSOLVED	1997-Oct		<100	260	<100		<100	<100	910		
IRON, DISSOLVED	1998-Apr	<100	<100	3300	<100		<100	<100	1300		
IRON, DISSOLVED	1998-Oct	<100	<100	2500	150		<100	210	1800		
IRON, DISSOLVED	1999-Sep	<100	<100	2600	1900		1000	980	1600		
IRON, DISSOLVED	2000-Sep	<100	<100	2200	3700		1800	110	2100		
IRON, DISSOLVED	2001-Sep	<100	<100	2430	780		320	<100	2080		
IRON, DISSOLVED	2002-Sep	<100	<100	2000	2300		1700	400	2100		
IRON, DISSOLVED	2003-Sep	<100	<100	1980	2740		2770	130	2390		
IRON, DISSOLVED	2004-Sep	<100	<100	1840	1130		5280	570	2830		
IRON, DISSOLVED	2005-Jun									<100	<100
IRON, DISSOLVED	2005-Sep	<100	<100	960	4400	1900	990	<100	2600		230
IRON, DISSOLVED	2005-Oct									<100	
IRON, DISSOLVED	2006-Sep	<100	<100	263	600	2100	4950	<100	2790	<100	758
IRON, DISSOLVED	2007-Sep	<100	<100	<100	761	3350	4010	<100	2630	<100	1800
IRON, DISSOLVED	2008-Sep	<100	<100	2330	5560	2060	4840	<100	2550	<100	4610
IRON, DISSOLVED	2009-Sep	<100	<100	453	6300	2060	4380	<500	2390	<100	5420
IRON, DISSOLVED	2010-Aug	<100	<100	3130	6130	1950	244	<300	2090	<100	6380
IRON, DISSOLVED	2011-Sep	<100	<100	1100	6340	3070	3270	<300	2470	<100	7500
IRON, DISSOLVED	2012-Sep	<100	<100	3250	5280	3860	2560	<200	2880	<100	7400
IRON, DISSOLVED	2013-Sep	<11.6	<11.6	404	3050	4210	1940	88.6	3020	3400	6540
IRON, DISSOLVED	2014-Sep	<50	<50	3280	14700	3710	5860	237	2680	217	6120
IRON, DISSOLVED	2015-Apr										
IRON, DISSOLVED	2015-Sep	<50	<50	2960	2600	3200	152	<50	2040	77.3	5120
IRON, DISSOLVED	2016-Sep	14	<13		250	2000					
IRON	2016-Sep	240	56.6	9230 M1	695	2030	4830	180	2110	819	7450
IRON	2017-Sep	5330	27	31700	8520	3960	3090	247	4180		4950
IRON	2018-Sep	69.4	45	4040	4630	5040	6730	696	9670	4550	8800

GW Standard:
SMCL = 300

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

IRON
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02
IRON, DISSOLVED	1994-Feb										
IRON, DISSOLVED	1994-Apr										
IRON, DISSOLVED	1994-Jul										
IRON, DISSOLVED	1994-Oct										
IRON, DISSOLVED	1995-Apr										
IRON, DISSOLVED	1995-Oct										
IRON, DISSOLVED	1996-Apr										
IRON, DISSOLVED	1996-Oct										
IRON, DISSOLVED	1997-Apr										
IRON, DISSOLVED	1997-Oct										
IRON, DISSOLVED	1998-Apr										
IRON, DISSOLVED	1998-Oct										
IRON, DISSOLVED	1999-Sep										
IRON, DISSOLVED	2000-Sep										
IRON, DISSOLVED	2001-Sep										
IRON, DISSOLVED	2002-Sep										
IRON, DISSOLVED	2003-Sep										
IRON, DISSOLVED	2004-Sep										
IRON, DISSOLVED	2005-Jun	3580	<100					<100	<100		
IRON, DISSOLVED	2005-Sep	1100	<100								
IRON, DISSOLVED	2005-Oct							<100	<100		
IRON, DISSOLVED	2006-Sep	917	<100					2490			
IRON, DISSOLVED	2007-Sep	1250	<100					12200	328		
IRON, DISSOLVED	2008-Sep	1420	140					3680	<100		
IRON, DISSOLVED	2009-Sep	1080	<100					73700	890		
IRON, DISSOLVED	2010-Aug	1170	<100					73800	1760		
IRON, DISSOLVED	2011-Sep	1130	<100					88500	4570		
IRON, DISSOLVED	2012-Sep	1540	<100					161000	4560		
IRON, DISSOLVED	2013-Sep	1800	<11.6					72800	3700		
IRON, DISSOLVED	2014-Sep	1480	51.3							53	<50
IRON, DISSOLVED	2015-Apr			<50	569	<50	1270				
IRON, DISSOLVED	2015-Sep	1420	<50	<50	708	<50	164				<50
IRON, DISSOLVED	2016-Sep										
IRON	2016-Sep	1250	3730	8800	6540	396	27200			126	273
IRON	2017-Sep	1380	875	16500	4630	55.4 B	3000	51900	9150	253	98.1
IRON	2018-Sep	5230	591	4950	722	124	6820	54900 M1	27800	715	325

GW Standard:
SMCL = 300

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

LEAD
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20
LEAD, DISSOLVED	1994-Feb		<5		<5		<5	9	<5	
LEAD, DISSOLVED	1994-Apr		<5	<5	<5		<5	<5	<5	
LEAD, DISSOLVED	1994-Jul		<5	<5	<5		<5	<5	<5	
LEAD, DISSOLVED	1994-Oct		<5	<5	<5		<5	<5	<5	
LEAD, DISSOLVED	1999-Sep	<4		<4				<4		
LEAD, DISSOLVED	2000-Sep	<4						<4		
LEAD, DISSOLVED	2001-Sep	<4						<8		
LEAD, DISSOLVED	2002-Sep	<4						<4		
LEAD, DISSOLVED	2003-Sep	<4						<4		
LEAD, DISSOLVED	2004-Sep	<4	<4	<4	<4		<4	<4	<4	
LEAD, DISSOLVED	2005-Jun									<4
LEAD, DISSOLVED	2005-Sep	<4	<4	<4	<4	<4	<4	<4	<4	
LEAD, DISSOLVED	2005-Oct									<4
LEAD, DISSOLVED	2006-Sep	<4	<4	<4	<4	<4	<4	<4	<4	<4
LEAD, DISSOLVED	2007-Sep	<4	<4	<4	<4	<4	<4	<4	<4	<4
LEAD, DISSOLVED	2008-Sep	<4	<4	<4	<4	<4	<4	<4	<4	<4
LEAD, DISSOLVED	2009-Sep	<4	<4	<4	<4	<4	<4	<4	<4	<4
LEAD, DISSOLVED	2010-Aug	<4	<4	<4	<4	<4	<4	<4	<4	<4
LEAD, DISSOLVED	2011-Sep	<4	<4	<4	<4	<4	<4	<4	<4	<4
LEAD, DISSOLVED	2012-Sep	<4	<4	<4	<4	<4	<4	<4	<4	<4
LEAD, DISSOLVED	2013-Sep	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
LEAD, DISSOLVED	2014-Sep	<1	<1	<1	6.9	<1	<1	<1	<1	<1
LEAD, DISSOLVED	2015-Apr									
LEAD, DISSOLVED	2015-Sep	<1	<1	<1	<1	<1	<1	<1	<1	<1
LEAD, DISSOLVED	2016-Sep	<0.19	<0.19		<0.19	<0.19				
LEAD	2016-Sep	0.7	<0.19	2.6	<0.19	<0.19	0.41	0.23	<0.19	1.4
LEAD	2017-Sep	8.5	0.087 B	7	0.8	0.8	0.34	0.39	1.6	
LEAD	2018-Sep	0.17	0.17	<0.12	0.84	0.5	0.65	<0.12	3.3	2.3

GW Standard:
MCL = 15

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

LEAD
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02
LEAD, DISSOLVED	1994-Feb											
LEAD, DISSOLVED	1994-Apr											
LEAD, DISSOLVED	1994-Jul											
LEAD, DISSOLVED	1994-Oct											
LEAD, DISSOLVED	1999-Sep											
LEAD, DISSOLVED	2000-Sep											
LEAD, DISSOLVED	2001-Sep											
LEAD, DISSOLVED	2002-Sep											
LEAD, DISSOLVED	2003-Sep											
LEAD, DISSOLVED	2004-Sep											
LEAD, DISSOLVED	2005-Jun	<4	<4	<4					<4	<4		
LEAD, DISSOLVED	2005-Sep	<4	<4	<4								
LEAD, DISSOLVED	2005-Oct								<4	<4		
LEAD, DISSOLVED	2006-Sep	<4	<4	<4					<4	<4		
LEAD, DISSOLVED	2007-Sep	<4	<4	<4					<4	<4		
LEAD, DISSOLVED	2008-Sep	<4	<4	<4					<4	<4		
LEAD, DISSOLVED	2009-Sep	<4	<4	<4					<4	<4		
LEAD, DISSOLVED	2010-Aug	<4	<4	<4					<4	<4		
LEAD, DISSOLVED	2011-Sep	<4	<4	<4					<4	<4		
LEAD, DISSOLVED	2012-Sep	<4	<4	<4					<4	<4		
LEAD, DISSOLVED	2013-Sep	<0.03	<0.03	<0.03					<0.03	<0.03		
LEAD, DISSOLVED	2014-Sep	<1	<1	<1							<1	<1
LEAD, DISSOLVED	2015-Apr				<1	<1	<1	<1				
LEAD, DISSOLVED	2015-Sep	<1	<1	<1	<1	<1	<1	<1				<1
LEAD, DISSOLVED	2016-Sep											
LEAD	2016-Sep	0.61	<0.19	12.2	7.2	4.1	0.2	66.7			<0.19	0.2
LEAD	2017-Sep	0.32	0.07	1.7	19.1	1.9	0.12	2.6	0.69	6.5	0.11 B	0.058 B
LEAD	2018-Sep	0.49	2	0.97	0.28	0.5	0.14	1.2	4.1	19.2	2.8	0.46

GW Standard:
MCL = 15

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

MAGNESIUM
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-03	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-20
MAGNESIUM, DISSOLVED	1994-Feb			23000				24000			47000	150000	42000		
MAGNESIUM, DISSOLVED	1994-Apr			36000			150000	40000	100000		80000	130000	76000		
MAGNESIUM, DISSOLVED	1994-Jul			22000			83000	23000	35000		49000	62000	35000		
MAGNESIUM, DISSOLVED	1994-Oct			23000			87000	25000	31000		41000	110000	50000		
MAGNESIUM, DISSOLVED	1995-Apr						79000	24000	50000		40000	44000	53000		
MAGNESIUM, DISSOLVED	1995-Oct			22000			76000	25000	48000		46000	95000	41000		
MAGNESIUM, DISSOLVED	1996-Apr						56400	20000	39800		38300	48900	39000		
MAGNESIUM, DISSOLVED	1996-Oct						66800	21100	40400		46100	84200	34700		
MAGNESIUM, DISSOLVED	1997-Apr						80000		38000		66000	47000			
MAGNESIUM, DISSOLVED	1997-Oct						60000		37000		50000	85000			
MAGNESIUM, DISSOLVED	1998-Apr						66000		61000		62000	39000			
MAGNESIUM, DISSOLVED	1998-Oct						51000		67000		54000	92000			
MAGNESIUM, DISSOLVED	1999-Sep	14000		19000			50000	22000	57000		48000	99000	46000		
MAGNESIUM, DISSOLVED	2000-Sep	15000		21000			52000	24000	62000		56000	120000	59000		
MAGNESIUM, DISSOLVED	2001-Sep	14700		21000			50600	25100	57100		55200	106000	59900		
MAGNESIUM, DISSOLVED	2002-Sep	15000		22000	24000		48000	23000	57000		58000	99000	64000		
MAGNESIUM, DISSOLVED	2003-Sep	14900		21400	25100		48800	19700	57700		64800	114000	65200		
MAGNESIUM, DISSOLVED	2004-Sep	14000		22000			45000	16000	59000		57000	110000	74000		
MAGNESIUM, DISSOLVED	2005-Jun														38000
MAGNESIUM, DISSOLVED	2005-Sep	15000		23000			54000	21000	70000	42000	60000	150000	65000		
MAGNESIUM, DISSOLVED	2005-Oct														52000
MAGNESIUM, DISSOLVED	2006-Sep	14000	6850	22800	24500	81300	54600	20100	55400	49100	59300	134000	75800	68800	74500
MAGNESIUM, DISSOLVED	2007-Sep	14600	5560	20600	26000	75100	56200	13800	53800	55600	56300	108000	73400	63900	81300
MAGNESIUM, DISSOLVED	2008-Sep	13700	5350	23500	28400	89600	65700	18800	60900	51800	63300	87100	76300	69700	101000
MAGNESIUM, DISSOLVED	2009-Sep	12400	5780	21000	26900	100000	70600	18500	60500	52200	57200	107000	67900	66100	98000
MAGNESIUM, DISSOLVED	2010-Aug	13000	6170	21600	27800	91700	72600	19900	60200	49200	57000	23600	64300	67500	87900
MAGNESIUM, DISSOLVED	2011-Sep	13200	6770	20700	27300	93500	72600	17800	56200	75300	60900	111000	73700	69400	96400
MAGNESIUM, DISSOLVED	2012-Sep	14300	5930	21700	28600	105000	77400	18600	54900	85500	62800	128000	77100	79600	93500
MAGNESIUM, DISSOLVED	2013-Sep	13000	6960	22900	28100	91900	76100	16100	58400	95000	62300	106000	76100	92700	95800
MAGNESIUM, DISSOLVED	2014-Sep	11800	7350	21700	26800	80600	76900	18900	55700	85100	59200	108000	70300	83700	91300
MAGNESIUM, DISSOLVED	2015-Apr														
MAGNESIUM, DISSOLVED	2015-Sep	12400	8270	20200	26500	80600	69200	18700	53100	76700	59800	88200	57100	73300	81900
MAGNESIUM, DISSOLVED	2016-Sep	21500		19300				14300		56100					
MAGNESIUM	2012-Sep														
MAGNESIUM	2013-Sep														
MAGNESIUM	2014-Sep														
MAGNESIUM	2015-Sep														
MAGNESIUM	2016-Sep	23800	6120	18900	27300	82000 M1	71200	14000	68500	53600	67200	96000	60500	79100	89600
MAGNESIUM	2017-Sep	27700	9920	20600	27700	92100	72400	18300	81700	77400	70100	103000	62900	75500	
MAGNESIUM	2018-Sep	15500	6780	21500	28800	103000	78900	10800	71700	81600	62900	106000	71500	78900	114000

GW Standard:
None

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

MAGNESIUM
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02	LW-02	LW-03
MAGNESIUM, DISSOLVED	1994-Feb													
MAGNESIUM, DISSOLVED	1994-Apr													
MAGNESIUM, DISSOLVED	1994-Jul													
MAGNESIUM, DISSOLVED	1994-Oct													
MAGNESIUM, DISSOLVED	1995-Apr													
MAGNESIUM, DISSOLVED	1995-Oct													
MAGNESIUM, DISSOLVED	1996-Apr													
MAGNESIUM, DISSOLVED	1996-Oct													
MAGNESIUM, DISSOLVED	1997-Apr													
MAGNESIUM, DISSOLVED	1997-Oct													
MAGNESIUM, DISSOLVED	1998-Apr													
MAGNESIUM, DISSOLVED	1998-Oct													
MAGNESIUM, DISSOLVED	1999-Sep													
MAGNESIUM, DISSOLVED	2000-Sep													
MAGNESIUM, DISSOLVED	2001-Sep													
MAGNESIUM, DISSOLVED	2002-Sep													
MAGNESIUM, DISSOLVED	2003-Sep													
MAGNESIUM, DISSOLVED	2004-Sep													
MAGNESIUM, DISSOLVED	2005-Jun	23000	27100	26000					15000	<1000				
MAGNESIUM, DISSOLVED	2005-Sep	28000	33000	29000										
MAGNESIUM, DISSOLVED	2005-Oct								26000	<1000				
MAGNESIUM, DISSOLVED	2006-Sep	29600	30800	26200					17800					
MAGNESIUM, DISSOLVED	2007-Sep	31600	38300	25000					21500	<1000				
MAGNESIUM, DISSOLVED	2008-Sep	32700	46900	26800					9230	3330				
MAGNESIUM, DISSOLVED	2009-Sep	32600	32700	26900					26600	3950				
MAGNESIUM, DISSOLVED	2010-Aug	30200	34800	28100					22700	6630				
MAGNESIUM, DISSOLVED	2011-Sep	30900	38900	27100					32200	16000				
MAGNESIUM, DISSOLVED	2012-Sep	31600	46000	27700					35000	19600				
MAGNESIUM, DISSOLVED	2013-Sep	31900	54100	28200					24300	19600				
MAGNESIUM, DISSOLVED	2014-Sep	30100	43800	23500							32800	28700		
MAGNESIUM, DISSOLVED	2015-Apr				21100	19500	12000	43100						
MAGNESIUM, DISSOLVED	2015-Sep	30800	41100	23600	22200	20400	10200	26200				39900		
MAGNESIUM, DISSOLVED	2016-Sep													
MAGNESIUM	2012-Sep												85100	33800
MAGNESIUM	2013-Sep												127000	31900
MAGNESIUM	2014-Sep												90200	29800
MAGNESIUM	2015-Sep												4260	32100
MAGNESIUM	2016-Sep	30100	38000	29700	34200	22500	10500	99400			27300	27600		
MAGNESIUM	2017-Sep	29300	44900	30000	48100	23700	10000	38600	24800	9930	35400	39600		
MAGNESIUM	2018-Sep	32800	47200	31100	26900	21900	10600	34800	40100	24900	19800	19100		

GW Standard:
None

IPL Stoney Point Closed Landfill Historic Monitoring Results

MANGANESE
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20
MANGANESE, DISSOLVED	1999-Sep	<10	104	194	3300		4800	2900	215	
MANGANESE, DISSOLVED	2000-Sep	<10	<10	205	2800		5500	1600	316	
MANGANESE, DISSOLVED	2001-Sep	<10	<10	197	4980		4370	1320	335	
MANGANESE, DISSOLVED	2002-Sep	<10	54	196	4400		5100	1600	305	
MANGANESE, DISSOLVED	2003-Sep	<10	<10	193	2150		5690	1480	428	
MANGANESE, DISSOLVED	2004-Sep	<10	<10	180	690		4330	1600	329	
MANGANESE, DISSOLVED	2005-Jun									77
MANGANESE, DISSOLVED	2005-Sep	<10	57	120	1400	240	3400	1400	504	
MANGANESE, DISSOLVED	2005-Oct									54
MANGANESE, DISSOLVED	2006-Sep	<10	49.7	107	1170	286	3410	929	511	34.9
MANGANESE, DISSOLVED	2007-Sep	<10	22.4	111	470	269	2960	901	332	34.5
MANGANESE, DISSOLVED	2008-Sep	<10	67.6	248	816	245	2970	868	319	30.7
MANGANESE, DISSOLVED	2009-Sep	<10	13.5	99.2	974	248	2460	1300	284	25
MANGANESE, DISSOLVED	2010-Aug	<10	47.5	251	929	233	2560	331	274	26.2
MANGANESE, DISSOLVED	2011-Sep	<10	23	230	845	375	2150	1460	327	16.7
MANGANESE, DISSOLVED	2012-Sep	<10	<10	240	1770	427	1940	995	355	24.8
MANGANESE, DISSOLVED	2013-Sep	<0.49	8.4	215	1150	474	1670	710	352	390
MANGANESE, DISSOLVED	2014-Sep	<5	<5	244	1310	410	2850	653	325	132
MANGANESE, DISSOLVED	2015-Apr									
MANGANESE, DISSOLVED	2015-Sep	<5	<5	228	760	362	1870	442	264	39.5
MANGANESE, DISSOLVED	2016-Sep	16	28		160	230				
MANGANESE	2016-Sep	35.6	27.6	239 M1	201	231	1640	731	261	50.6
MANGANESE	2017-Sep	464	77.4	372	2010	373	1690	1510	307	
MANGANESE	2018-Sep	8.2	74.5	274	670	447	6320	2380	480	67.8

GW Standard:
SMCL = 50

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

MANGANESE
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27
MANGANESE, DISSOLVED	1999-Sep							
MANGANESE, DISSOLVED	2000-Sep							
MANGANESE, DISSOLVED	2001-Sep							
MANGANESE, DISSOLVED	2002-Sep							
MANGANESE, DISSOLVED	2003-Sep							
MANGANESE, DISSOLVED	2004-Sep							
MANGANESE, DISSOLVED	2005-Jun	145	212	50				
MANGANESE, DISSOLVED	2005-Sep	240	131	51				
MANGANESE, DISSOLVED	2005-Oct							
MANGANESE, DISSOLVED	2006-Sep	493	115	19.4				
MANGANESE, DISSOLVED	2007-Sep	499	132	10.1				
MANGANESE, DISSOLVED	2008-Sep	488	179	27				
MANGANESE, DISSOLVED	2009-Sep	541	126	16.9				
MANGANESE, DISSOLVED	2010-Aug	286	131	23.1				
MANGANESE, DISSOLVED	2011-Sep	381	148	<10				
MANGANESE, DISSOLVED	2012-Sep	280	162	<10				
MANGANESE, DISSOLVED	2013-Sep	274	208	27.6				
MANGANESE, DISSOLVED	2014-Sep	242	173	28				
MANGANESE, DISSOLVED	2015-Apr				451	94.5	7.7	189
MANGANESE, DISSOLVED	2015-Sep	272	163	25.9	1970	179	<5	86.2
MANGANESE, DISSOLVED	2016-Sep							
MANGANESE	2016-Sep	298	148	54.1	973	248	19.1	802
MANGANESE	2017-Sep	200	162	28.8	2820	186	3.9	124
MANGANESE	2018-Sep	296	281	46.2	657	368	8.6	153

GW Standard:
SMCL = 50

IPL Stoney Point Closed Landfill Historic Monitoring Results

MANGANESE
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	DPW-01	DPW-02	SW-01	SW-02	LW-02	LW-03
MANGANESE, DISSOLVED	1999-Sep						
MANGANESE, DISSOLVED	2000-Sep						
MANGANESE, DISSOLVED	2001-Sep						
MANGANESE, DISSOLVED	2002-Sep						
MANGANESE, DISSOLVED	2003-Sep						
MANGANESE, DISSOLVED	2004-Sep						
MANGANESE, DISSOLVED	2005-Jun	616	<10				
MANGANESE, DISSOLVED	2005-Sep						
MANGANESE, DISSOLVED	2005-Oct	1400	<10				
MANGANESE, DISSOLVED	2006-Sep	1110					
MANGANESE, DISSOLVED	2007-Sep	1140	70				
MANGANESE, DISSOLVED	2008-Sep	257	159				
MANGANESE, DISSOLVED	2009-Sep	1360	113				
MANGANESE, DISSOLVED	2010-Aug	1200	428				
MANGANESE, DISSOLVED	2011-Sep	1390	436				
MANGANESE, DISSOLVED	2012-Sep	1870	539				
MANGANESE, DISSOLVED	2013-Sep	1180	585				
MANGANESE, DISSOLVED	2014-Sep			297	48.7		
MANGANESE, DISSOLVED	2015-Apr						
MANGANESE, DISSOLVED	2015-Sep				121		
MANGANESE, DISSOLVED	2016-Sep						
MANGANESE	2016-Sep			106	72.2	32.3	10.6
MANGANESE	2017-Sep	543	514	298	68.9	214	486
MANGANESE	2018-Sep	1950 M1	1460	147	91.1	106	7.7

GW Standard:
SMCL = 50

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

SELENIUM
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20	MW-21
SELENIUM, DISSOLVED	1994-Feb		<5		<5		<5	<5	<5		
SELENIUM, DISSOLVED	1994-Apr		<5	<5	<5		<5	63	<5		
SELENIUM, DISSOLVED	1994-Jul		<5	<5	<5		<5	<5	<5		
SELENIUM, DISSOLVED	1994-Oct		<5	<5	<5		<5	<20	<5		
SELENIUM, DISSOLVED	1995-Apr							13.7			
SELENIUM, DISSOLVED	1995-Oct							<50			
SELENIUM, DISSOLVED	1996-Apr							<50			
SELENIUM, DISSOLVED	1996-Oct							<10			
SELENIUM, DISSOLVED	1997-Apr							<5			
SELENIUM, DISSOLVED	1997-Oct							<5			
SELENIUM, DISSOLVED	1998-Apr							<5			
SELENIUM, DISSOLVED	1998-Oct							<5			
SELENIUM, DISSOLVED	1999-Sep	<5		<5				<5			
SELENIUM, DISSOLVED	2000-Sep	<5	<5	<5	<5		<5	<5	<5		
SELENIUM, DISSOLVED	2001-Sep	<5	<5	<5	<5		<5	14	<5		
SELENIUM, DISSOLVED	2002-Sep	<5	<5	<5	<5		<5	<15	<5		
SELENIUM, DISSOLVED	2003-Sep	<5	<5	<5	<5		<5	<20	<5		
SELENIUM, DISSOLVED	2004-Sep	<5	<5	<5	<5		<5	<15	<5		
SELENIUM, DISSOLVED	2005-Jun									<5	<5
SELENIUM, DISSOLVED	2005-Sep	<5	<5	<25	<5	<5	<5	<25	<5		<5
SELENIUM, DISSOLVED	2005-Oct									<5	
SELENIUM, DISSOLVED	2006-Sep	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
SELENIUM, DISSOLVED	2007-Sep	<5	<5	<7	<5	<7	<5	<20	<5	<5	<5
SELENIUM, DISSOLVED	2008-Sep	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
SELENIUM, DISSOLVED	2009-Sep	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
SELENIUM, DISSOLVED	2010-Aug	<5	<5	<5	<5	<5	<5	<5	<50	<5	<5
SELENIUM, DISSOLVED	2011-Sep	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
SELENIUM, DISSOLVED	2012-Sep	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
SELENIUM, DISSOLVED	2013-Sep	1.1	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
SELENIUM, DISSOLVED	2014-Sep	<1	<1	<1	<1	<1	<1	<1	<1	1.6	<1
SELENIUM, DISSOLVED	2015-Apr										
SELENIUM, DISSOLVED	2015-Sep	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
SELENIUM, DISSOLVED	2016-Sep	0.79	<0.18		<0.18	<0.18					
SELENIUM	2016-Sep	0.99	<0.18	0.23	<0.18	<0.18	<0.18	0.26	<0.18	2.3	<0.18
SELENIUM	2017-Sep	0.65	<0.086	0.59	0.15	<0.086	0.17	0.28	0.22		<0.086
SELENIUM	2018-Sep	1.7	<0.16	<0.16	0.58	<0.16	<0.16	0.16	0.85	4.6	<0.16

GW Standard:
MCL = 50

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

SELENIUM
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02
SELENIUM, DISSOLVED	1994-Feb										
SELENIUM, DISSOLVED	1994-Apr										
SELENIUM, DISSOLVED	1994-Jul										
SELENIUM, DISSOLVED	1994-Oct										
SELENIUM, DISSOLVED	1995-Apr										
SELENIUM, DISSOLVED	1995-Oct										
SELENIUM, DISSOLVED	1996-Apr										
SELENIUM, DISSOLVED	1996-Oct										
SELENIUM, DISSOLVED	1997-Apr										
SELENIUM, DISSOLVED	1997-Oct										
SELENIUM, DISSOLVED	1998-Apr										
SELENIUM, DISSOLVED	1998-Oct										
SELENIUM, DISSOLVED	1999-Sep										
SELENIUM, DISSOLVED	2000-Sep										
SELENIUM, DISSOLVED	2001-Sep										
SELENIUM, DISSOLVED	2002-Sep										
SELENIUM, DISSOLVED	2003-Sep										
SELENIUM, DISSOLVED	2004-Sep										
SELENIUM, DISSOLVED	2005-Jun	<5	<5					<5	<5		
SELENIUM, DISSOLVED	2005-Sep	<5	<5								
SELENIUM, DISSOLVED	2005-Oct							<5	<5		
SELENIUM, DISSOLVED	2006-Sep	<5	<5					<5			
SELENIUM, DISSOLVED	2007-Sep	<5	<5					<5	<5		
SELENIUM, DISSOLVED	2008-Sep	<5	<5					<5	<5		
SELENIUM, DISSOLVED	2009-Sep	<5	<5					<5	<5		
SELENIUM, DISSOLVED	2010-Aug	<5	<5					<5	<5		
SELENIUM, DISSOLVED	2011-Sep	<5	<5					<5	<5		
SELENIUM, DISSOLVED	2012-Sep	<5	<5					<5	<5		
SELENIUM, DISSOLVED	2013-Sep	<0.14	<0.14					<0.14	<0.14		
SELENIUM, DISSOLVED	2014-Sep	<1	<1							<1	<1
SELENIUM, DISSOLVED	2015-Apr			<1	<1	<1	<1				
SELENIUM, DISSOLVED	2015-Sep	<1	<1	<1	<1	<1	<1				<1
SELENIUM, DISSOLVED	2016-Sep										
SELENIUM	2016-Sep	<0.18	1	0.34	0.26	0.27	2.8			0.65	0.74
SELENIUM	2017-Sep	<0.086	0.22	0.92	0.3	0.41	0.14	<0.086	0.36	0.25	0.21
SELENIUM	2018-Sep	0.56	0.23	<0.16	<0.16	0.38	<0.16			1	0.76

GW Standard:
MCL = 50

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

ZINC
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20	MW-21
ZINC, DISSOLVED	1994-Feb		<50		<50		<50	<50	<50		
ZINC, DISSOLVED	1994-Apr		<50	<50	<50		<50	<50	<50		
ZINC, DISSOLVED	1994-Jul		<20	<20	<20		<20	<20	<20		
ZINC, DISSOLVED	1994-Oct		<20	<20	<20		<20	<20	<20		
ZINC, DISSOLVED	1999-Sep	<20		<20							
ZINC, DISSOLVED	2000-Sep	<20		<20							
ZINC, DISSOLVED	2001-Sep	<20									
ZINC, DISSOLVED	2002-Sep	<20									
ZINC, DISSOLVED	2003-Sep	<20									
ZINC, DISSOLVED	2004-Sep	<20	<20	<20	<20		<20	<20	<20		
ZINC, DISSOLVED	2005-Jun									63	<20
ZINC, DISSOLVED	2005-Sep	21	24	29	22	27	40	<100	41		23
ZINC, DISSOLVED	2005-Oct									300	
ZINC, DISSOLVED	2006-Sep	24.4	35.9	41.4	48.6	33.5	43.9	85.1	36.3	28.5	31.8
ZINC, DISSOLVED	2007-Sep	27.4	29.5	59	34.1	59.9	84.3	90.6	68	70.9	121
ZINC, DISSOLVED	2008-Sep	<20	<20	<20	22	23.9	58	<20	30.1	64.9	26
ZINC, DISSOLVED	2009-Sep	28.8	28.6	88.5	39.9	73.8	105	131	84	80.1	41.9
ZINC, DISSOLVED	2010-Aug	<20	<20	<20	<20	<20	<20	<60	29.9	<20	<20
ZINC, DISSOLVED	2011-Sep	<20	<20	<20	<20	<20	<20	<60	<20	<20	<20
ZINC, DISSOLVED	2012-Sep	<20	<20	<20	<20	<20	<20	<40	<20	22.5	<20
ZINC, DISSOLVED	2013-Sep	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
ZINC, DISSOLVED	2014-Sep	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
ZINC, DISSOLVED	2015-Apr										
ZINC, DISSOLVED	2015-Sep	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
ZINC, DISSOLVED	2016-Sep	81	3.7 B		2.3 B	39					
ZINC	2016-Sep	12.3	32.2	7.5 B,M1	3.6 B	0.94 B	3.5 B	6 B	38.7	23.6	3.8 B
ZINC	2017-Sep	18.5	1.8 B	28.2	9.9	3.2 B	11.4	4.9 B	9.1		2.9 B
ZINC	2018-Sep	4.2	7.6	4.4	26.9	<3.7	10.6	5.8	18.4	1940	5.9

GW Standard:
SMCL = 5000

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

ZINC
UNITS: UG/L

CHEMICAL PARAMETER	EVENT	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02
ZINC, DISSOLVED	1994-Feb										
ZINC, DISSOLVED	1994-Apr										
ZINC, DISSOLVED	1994-Jul										
ZINC, DISSOLVED	1994-Oct										
ZINC, DISSOLVED	1999-Sep										
ZINC, DISSOLVED	2000-Sep										
ZINC, DISSOLVED	2001-Sep										
ZINC, DISSOLVED	2002-Sep										
ZINC, DISSOLVED	2003-Sep										
ZINC, DISSOLVED	2004-Sep										
ZINC, DISSOLVED	2005-Jun	156	<20					300000	524		
ZINC, DISSOLVED	2005-Sep	86	50								
ZINC, DISSOLVED	2005-Oct							460000	1300		
ZINC, DISSOLVED	2006-Sep	24.2	32.3					669000			
ZINC, DISSOLVED	2007-Sep	82.1	54.1					608000	453000		
ZINC, DISSOLVED	2008-Sep	37.3	32.4					43100	108000		
ZINC, DISSOLVED	2009-Sep	46.3	31.7					109000	132000		
ZINC, DISSOLVED	2010-Aug	<20	<20					50300	152000		
ZINC, DISSOLVED	2011-Sep	<20	21.9					53600	212000		
ZINC, DISSOLVED	2012-Sep	<20	<20					61600	203000		
ZINC, DISSOLVED	2013-Sep	<3.3	<3.3					36400	221000		
ZINC, DISSOLVED	2014-Sep	<50	<50							<50	<50
ZINC, DISSOLVED	2015-Apr			<50	<50	<50	<50				
ZINC, DISSOLVED	2015-Sep	<50	<50	<50	<50	<50	<50				<50
ZINC, DISSOLVED	2016-Sep										
ZINC	2016-Sep	2.5 B	24.9	8.9 B	16.1	1.4 B	56.4			3.1 B	2.4 B
ZINC	2017-Sep	1.3 B	2.6 B	18.2	9.8 B	1.6 B	5.6	17400	43600	1.5 B	3.6 B
ZINC	2018-Sep	11	<3.7	4.6	6.8	22.1	10.2	133000 M1	65200	5.4	3.7

GW Standard:
SMCL = 5000

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

CHLORIDE
UNITS: MG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-08	MW-11	MW-12	MW-14	MW-15	MW-16	MW-17	MW-20	MW-21
CHLORIDE	1994-Feb		7		6		26	179	13		
CHLORIDE	1994-Apr		2	50	12		38	160	12		
CHLORIDE	1994-Jul		<5	47	13		37	120	11		
CHLORIDE	1994-Oct		<5	45	11		29	40	16		
CHLORIDE	1995-Apr		<5	50	16		42	10	20		
CHLORIDE	1995-Oct		<5	42	11		30	170	13		
CHLORIDE	1996-Apr		2.8	41	15		36	110	12		
CHLORIDE	1996-Oct		13	49	24		43	113	21		
CHLORIDE	1997-Apr		<5	46	7.7		50	50	24		
CHLORIDE	1997-Oct		<5	41	32		47	99	14		
CHLORIDE	1998-Apr	9.9	<5	40.7	19.6		51.1	44.9	11.6		
CHLORIDE	1998-Oct	8.8	<5	35	14		47	84	18		
CHLORIDE	1999-Sep	8.9	<5	35	12		42	110	21		
CHLORIDE	2000-Sep	9.4	5.5	34.9	15.2		51.1	111	28.4		
CHLORIDE	2001-Sep	9.6	10.2	31.7	13.6		51.1	133	26.2		
CHLORIDE	2002-Sep	8.1	<5	29.1	8		55.9	90.7	29.9		
CHLORIDE	2003-Sep	8.5	6.4	28.8	7.6		58.6	95.7	28.9		
CHLORIDE	2004-Sep	8.1	7.3	24.2	<5		49.2	98.1	32.3		
CHLORIDE	2005-Jun									124	5.9
CHLORIDE	2005-Sep	8.4	7	27.8	5.7	23.2	52.7	135	27.1		<5
CHLORIDE	2005-Oct										
CHLORIDE	2006-Sep	7.98	<5	29.2	7.28	32.3	53.8	106	29.5	53.7	<5
CHLORIDE	2007-Sep	8.09	7.85	32.4	<5	29.8	58.4	90.9	34.4	34.2	5.47
CHLORIDE	2008-Sep	6.54	7.7	33.3	<5	24.5	52	46.3	30	30.4	<5
CHLORIDE	2009-Sep	6.97	<5	36.4	<5	24.1	47.6	56	28.8	28.1	<5
CHLORIDE	2010-Aug	7.3	3.44	32.6	1.5	24.3	36.6	47.4	26.7		3.36
CHLORIDE	2011-Sep	7.36	3.12	34.8	<5	48.7	35.4	47.5	33.5	32.2	4.5
CHLORIDE	2012-Sep	6.98	<5	8.64	<5	48.2	36.6	53.1	32	35.8	5.11
CHLORIDE	2013-Sep	7	7.5	34.2	2.5	40.6	38.5	37.7	33.7	34.9	5.6
CHLORIDE	2014-Sep	6.6	8.1	35.3	3.4	38.4	36.9	40	36.3	39	7.6
CHLORIDE	2015-Apr										
CHLORIDE	2015-Sep	6.6	4.3	30.4	2.2	31.1	34.3	28.7	32.5	44.9	8.4
CHLORIDE	2016-Sep	6.5	1.3	29.5	5.6	27.9	33.2	33.2	26.6	49.6	8.5
CHLORIDE	2017-Sep	5.4	1.8	27.4	3.8	34.4	28	24.5	26.8		7.9
CHLORIDE	2018-Sep	6.5	4.7	27.7	2.7	31.8	28.7	20.1	30.8	62	9.5

GW Standard:
SMCL = 250

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

CHLORIDE
UNITS: MG/L

CHEMICAL PARAMETER	EVENT	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02	LW-02	LW-03
CHLORIDE	1994-Feb												
CHLORIDE	1994-Apr												
CHLORIDE	1994-Jul												
CHLORIDE	1994-Oct												
CHLORIDE	1995-Apr												
CHLORIDE	1995-Oct												
CHLORIDE	1996-Apr												
CHLORIDE	1996-Oct												
CHLORIDE	1997-Apr												
CHLORIDE	1997-Oct												
CHLORIDE	1998-Apr												
CHLORIDE	1998-Oct												
CHLORIDE	1999-Sep												
CHLORIDE	2000-Sep												
CHLORIDE	2001-Sep												
CHLORIDE	2002-Sep												
CHLORIDE	2003-Sep												
CHLORIDE	2004-Sep												
CHLORIDE	2005-Jun	8.1	9					115	36.8				
CHLORIDE	2005-Sep	10	7.5										
CHLORIDE	2005-Oct							108					
CHLORIDE	2006-Sep	10.1	8.23					106					
CHLORIDE	2007-Sep	11.9	6.49					41.3	29.8				
CHLORIDE	2008-Sep	11.5	7.83					38.6	46.7				
CHLORIDE	2009-Sep	11.5	6.78					44.6	11.8				
CHLORIDE	2010-Aug	14.1	<5					26.9	23				
CHLORIDE	2011-Sep	15.2	5.38					26.5	32.4				
CHLORIDE	2012-Sep	18.2	<5					35.5	32.1				
CHLORIDE	2013-Sep	19	3.2					22.9	27.2				
CHLORIDE	2014-Sep	19	3							91.6	72.2		
CHLORIDE	2015-Apr			37.9	18.4	246	69.5						
CHLORIDE	2015-Sep	18.2	3.9	21.1	9.6	156	32.9				83	1.4	5.3
CHLORIDE	2016-Sep	21.2	7.6	22.5	5.8	146	23.3			74.3	70.4		
CHLORIDE	2017-Sep	17	9.8	22.1	4.7	123	10.1	20.1	16.8	93.5	78.1		
CHLORIDE	2018-Sep	17.8	10.2	23.8	4.6	128	10.2	30.3	71.1	51.1	48.3		

GW Standard:
SMCL = 250

IPL Stoney Point Closed Landfill Historic Monitoring Results

SULFATE
UNITS: MG/L

CHEMICAL PARAMETER	EVENT	MW-02A	MW-03	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13	MW-14
SULFATE	1999-Sep	32		26			700	63	350	
SULFATE	2000-Sep	47		28			1100	150	640	
SULFATE	2001-Sep	41		58			860	120	450	
SULFATE	2002-Sep	45.6		37.8	48.4		997	82.5	525	
SULFATE	2003-Sep	46		60	59		850	49	550	
SULFATE	2004-Sep	44		63		890	700	24	540	780
SULFATE	2005-Jun									
SULFATE	2005-Sep	44		95		1400	1100	34	750	720
SULFATE	2005-Oct									
SULFATE	2006-Sep	37.7	44.8	38	58.5	1550	870	81	555	1080
SULFATE	2007-Sep	36.2	42.5	64.1	74.2	1950	1160	58.3	678	947
SULFATE	2008-Sep	34.4	25.6	67.7	62.2	1570	1020	<2	605	589
SULFATE	2009-Sep	34.7	30.2	48.6	67.6	1660	1170	7.88	638	647
SULFATE	2010-Aug	30.8	40.9	47.1	64.7	1400	1030	2.14	574	593
SULFATE	2011-Sep	36	49.2	40.8	62.2	1370	1020	24.8	536	1350
SULFATE	2012-Sep	40.2	48.6	44.1	71.3	1610	1140	21.8	559	1580
SULFATE	2013-Sep	31.2	58.8	66.3	66.8	1340	1030	16.9	671	1610
SULFATE	2014-Sep	33.3	122	73.5	63.2	1290	1180	29.2	578	1560
SULFATE	2015-Apr									
SULFATE	2015-Sep	32.4	177	54.9	62.7	1180	1090	4.4	648	1330
SULFATE	2016-Sep	37.4	86.2	12.7	61.7	1340	1150	80.6	1170	818
SULFATE	2017-Sep	56.9	132	19.9	61.7	1180	914	25.7	1230 M1	1290
SULFATE	2018-Sep	43.6	129	49.2	108	1360	1110	42.8	1050	1340

GW Standard:
SMCL = 250

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

SULFATE
UNITS: MG/L

CHEMICAL PARAMETER	EVENT	MW-15	MW-16	MW-17	MW-18	MW-20	MW-21	MW-22	MW-23	MW-24
SULFATE	1999-Sep	360	2900	340						
SULFATE	2000-Sep	720	3500	570						
SULFATE	2001-Sep	620	3200	460						
SULFATE	2002-Sep	942	3520	655						
SULFATE	2003-Sep	860	3600	650						
SULFATE	2004-Sep	890	3200	760	890					
SULFATE	2005-Jun					120	19	70	54	
SULFATE	2005-Sep	890	5300	540	820		16	220	41	
SULFATE	2005-Oct									
SULFATE	2006-Sep	930	3440	650	1080	412	26.3	97.2	28.4	
SULFATE	2007-Sep	1130	3570	953	1110	557	62.2	197	30.2	
SULFATE	2008-Sep	994	2250	804	957	632	34.8	176	21.6	
SULFATE	2009-Sep	1050	2910	701	928	633	33.9	134	19.3	
SULFATE	2010-Aug	786	2560	702	960		15.4	167	11	
SULFATE	2011-Sep	1150	2870	691	924	605	21.9	240	20.3	
SULFATE	2012-Sep	1210	3720	840	1140	627	17.8	335	26.5	
SULFATE	2013-Sep	1200	2690	831	1340	556	34.2	471	14.8	
SULFATE	2014-Sep	1260	2930	905	1410	639	79.6	386	12.7	
SULFATE	2015-Apr									41.8
SULFATE	2015-Sep	1250	2400	854	1180	578	81.6	388	12.8	2.8
SULFATE	2016-Sep	2040	2460	708	1170	661	66.7	307	47.1	33.8
SULFATE	2017-Sep	1680	2220	658	1010		10.7	352	54.5	6.4
SULFATE	2018-Sep	1140 M1	2920	973	1140	636	41.3	432	88.6	12.6

GW Standard:
SMCL = 250

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

SULFATE
UNITS: MG/L

CHEMICAL PARAMETER	EVENT	MW-25	MW-26	MW-27	DPW-01	DPW-02	SW-01	SW-02	LW-02	LW-03
SULFATE	1999-Sep									
SULFATE	2000-Sep									
SULFATE	2001-Sep									
SULFATE	2002-Sep									
SULFATE	2003-Sep									
SULFATE	2004-Sep									
SULFATE	2005-Jun				1600	290				
SULFATE	2005-Sep									
SULFATE	2005-Oct				2100					
SULFATE	2006-Sep				1910					
SULFATE	2007-Sep				1570	269				
SULFATE	2008-Sep				718	301				
SULFATE	2009-Sep				1040	129				
SULFATE	2010-Aug				608	335				
SULFATE	2011-Sep				902	592				
SULFATE	2012-Sep				1290	716			1200	315
SULFATE	2013-Sep				818	639			1390	257
SULFATE	2014-Sep						80.6	255	1230	312
SULFATE	2015-Apr	56.2	52.3	635						
SULFATE	2015-Sep	35.4	39.4	334				501	11.7	354
SULFATE	2016-Sep	25.6	37.8	260			84.5	157	84.7	323
SULFATE	2017-Sep	21.4	40.8	127	818	326	102	520	887	375
SULFATE	2018-Sep	20.3 M1	45	72.7	1830	443	62	85.2	1060	415

GW Standard:
SMCL = 250

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

PH, FIELD
UNITS: SU

CHEMICAL PARAMETER	EVENT	MW-02A	MW-03	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17
PH, FIELD	1994-Feb			7.74			7.19	7.4			7.24	7.15	7.66
PH, FIELD	1994-Apr			7.53			7.45	7.39	7.31		7.21	7.3	7.29
PH, FIELD	1994-Jul			7.7			7.46	7.43	7.48		7.48	7.28	7.73
PH, FIELD	1994-Oct			7.48			7.36	7.43	7.39		7.25	7.2	7.43
PH, FIELD	1995-Apr			7.11			6.39	7.34	7.33		7.27	7.25	7.41
PH, FIELD	1995-Oct			6.19			7.4	6.2	6.61		6.72	7.16	6.32
PH, FIELD	1996-Apr			7.73			7.3	7.39	7.44		7.25	7.15	7.56
PH, FIELD	1996-Oct			7.8			7.46	7.1	7.2		7.1	7	7.4
PH, FIELD	1997-Apr			8.2			7.5	7.7	7.7		7.3	7.4	7.7
PH, FIELD	1997-Oct			8.1			7.9	7.7	7.8		7.5	7.7	8
PH, FIELD	1998-Apr	7.12		7.41			7.16	7.07	7.03		6.99	6.83	7.01
PH, FIELD	1998-Oct	6.9		7.2			7.3	6.9	6.8		6.9	6.6	7
PH, FIELD	1999-Sep	7.1		6.9			6.9	7.1	7		6.9	6.9	6.9
PH, FIELD	2000-Sep	6.88		7.29			7.19	7.15	7.05		6.7	6.85	6.95
PH, FIELD	2001-Sep	7.5		7.14			7.11	7.28	7.1		6.9	6.76	7.1
PH, FIELD	2002-Sep	7.45		7.66	7.61		7.26	7.53	7.35		7.31	6.85	7.06
PH, FIELD	2003-Sep	7.38		7.48	7.43		7.2	7.1	7.42		7.14	6.39	7
PH, FIELD	2004-Sep	7.42		7.65		7.11	7.2	7.38	7.1	7.21	7.02	6.61	7.01
PH, FIELD	2005-Jun												
PH, FIELD	2005-Sep	7.16		7.22		7.2	6.59	6.35	6.85	7.21	7.06	7.2	7.41
PH, FIELD	2005-Oct												
PH, FIELD	2006-Sep	7.58	6.87	7.24	7.37	7.02	7.22	7.06	7.23	7.03	6.94	6.97	7.28
PH, FIELD	2007-Sep	7.56	6.88	7.12	7.25	6.93	7.04	7.14	7.61	7.29	7.11	7.19	7.38
PH, FIELD	2008-Sep	7.59	6.88	7.16	7.51	7.06	7.12	7.27	7.18	7.18	7.09	6.8	7.28
PH, FIELD	2009-Sep	6.64	6.56	6.75	7.06	6.87	6.99	6.87	6.8	7.19	7.66	6.83	7.06
PH, FIELD	2010-Aug	7.79	7.11	7.44	7.55	7.06	7.12	7.25	7.19	7.15	7.19	6.88	7.14
PH, FIELD	2011-Sep	7.94	6.92	7.55	7.82	6.99	7.09	7.48	7.63	7.31	7.81	6.75	7.12
PH, FIELD	2012-Sep	7.44	5.75	7.73	6.94	6.44	6.74	6.88	7.2	7.01	7.22	6.93	6.88
PH, FIELD	2013-Sep	7.4	7.02	7.55	7.48	6.98	7.09	7.27	7.14	6.95	7.04	7.02	7.21
PH, FIELD	2014-Sep	7.22	7.44	7.76	7.13	6.81	6.78	6.59	7.07	6.88	7.04	6.81	7.11
PH, FIELD	2015-Apr												
PH, FIELD	2015-Sep	7.82	7.05	7.23	6.31	6.41	5.53	5.55	7.33	6.78	7.08	6.98	7.02
PH, FIELD	2016-Sep	6.67	7.43	8.13	8.16	7.23	7.3	7.89	7.48	7.53	7.54	7.36	7.69
PH, FIELD	2017-Sep	8.39	7.02	9.29	7.6	7.34	7.3	8.65	7.26	7.26		6.71	7.06
PH, FIELD	2018-Sep	10.78	9.41	10.86	7.09	7.14	7.17	7.08	7.09	7.16	10.26	6.91	7.29

GW Standard:
SMCL = 8.5

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

**PH, FIELD
UNITS: SU**

CHEMICAL PARAMETER	EVENT	MW-18	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27
PH, FIELD	1994-Feb									
PH, FIELD	1994-Apr									
PH, FIELD	1994-Jul									
PH, FIELD	1994-Oct									
PH, FIELD	1995-Apr									
PH, FIELD	1995-Oct									
PH, FIELD	1996-Apr									
PH, FIELD	1996-Oct									
PH, FIELD	1997-Apr									
PH, FIELD	1997-Oct									
PH, FIELD	1998-Apr									
PH, FIELD	1998-Oct									
PH, FIELD	1999-Sep									
PH, FIELD	2000-Sep									
PH, FIELD	2001-Sep									
PH, FIELD	2002-Sep									
PH, FIELD	2003-Sep									
PH, FIELD	2004-Sep	7.07								
PH, FIELD	2005-Jun		7.63	6.96	7.19	7.31				
PH, FIELD	2005-Sep	7.3		7.14	7.37	7.47				
PH, FIELD	2005-Oct		7.5							
PH, FIELD	2006-Sep	6.99	6.75	7.21	7.33	7.42				
PH, FIELD	2007-Sep	7.16	6.32	7.43	7.31	7.54				
PH, FIELD	2008-Sep	7.09	7.25	7.22	7.29	7.43				
PH, FIELD	2009-Sep	6.91	6.92	7.21	7.41	7.52				
PH, FIELD	2010-Aug	7.09		7.23	7.32	7.73				
PH, FIELD	2011-Sep	6.52	7.48	7.15	7.53	7.63				
PH, FIELD	2012-Sep	6.85		7.59	6.68	8.26				
PH, FIELD	2013-Sep	7.04	7.17	7.17	7.24	7.55				
PH, FIELD	2014-Sep	6.82	7.29	7.09	7.29	7.77				
PH, FIELD	2015-Apr						7.57	7.4	6.83	7.45
PH, FIELD	2015-Sep	6.9	7.52	7.29	7.16	7.21	5.76	7.44	7.07	7.65
PH, FIELD	2016-Sep	7.41	6.85	7.1	7.68	7.64	7.54	7.44	7.08	7.93
PH, FIELD	2017-Sep	7.19		7.05	7.18	7.21	8.37	7.34	7.02	5.49
PH, FIELD	2018-Sep	7.17	6.55	7.02	7.37	10.52	6.68	9.18	6.17	5.79

GW Standard:
SMCL = 8.5

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

**PH, FIELD
UNITS: SU**

CHEMICAL PARAMETER	EVENT	DPW-01	DPW-02	SW-01	SW-02	LW-02	LW-03
PH, FIELD	1994-Feb						
PH, FIELD	1994-Apr						
PH, FIELD	1994-Jul						
PH, FIELD	1994-Oct						
PH, FIELD	1995-Apr						
PH, FIELD	1995-Oct						
PH, FIELD	1996-Apr						
PH, FIELD	1996-Oct						
PH, FIELD	1997-Apr						
PH, FIELD	1997-Oct						
PH, FIELD	1998-Apr						
PH, FIELD	1998-Oct						
PH, FIELD	1999-Sep						
PH, FIELD	2000-Sep						
PH, FIELD	2001-Sep						
PH, FIELD	2002-Sep						
PH, FIELD	2003-Sep						
PH, FIELD	2004-Sep						
PH, FIELD	2005-Jun	6.69	11.12				
PH, FIELD	2005-Sep						
PH, FIELD	2005-Oct	6.7					
PH, FIELD	2006-Sep	6.54					
PH, FIELD	2007-Sep	6.55	5.95				
PH, FIELD	2008-Sep	6.74	6.68				
PH, FIELD	2009-Sep	7.05	7.6				
PH, FIELD	2010-Aug	6.78	6.99				
PH, FIELD	2011-Sep	6.84	6.83				
PH, FIELD	2012-Sep	6.46	6.44			7.39	
PH, FIELD	2013-Sep	6.8	6.45			7.9	7.62
PH, FIELD	2014-Sep			7.83	7.96	7.7	
PH, FIELD	2015-Apr						
PH, FIELD	2015-Sep				7.51	8.12	7.7
PH, FIELD	2016-Sep			8.34	8.57	9.02	8.71
PH, FIELD	2017-Sep			7.21	7.65	7.46	
PH, FIELD	2018-Sep	7.30	7.14	7.86	8.09		

GW Standard:
SMCL = 8.5

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

**TEMPERATURE
UNITS: DEG C**

CHEMICAL PARAMETER	EVENT	MW-02A	MW-03	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17
TEMPERATURE	1994-Feb			12				11.7			11.5	12.1	11.4
TEMPERATURE	1994-Apr			13			12.7	13.9	12.8		13.4	14	14.8
TEMPERATURE	1994-Jul			13.1			16.4	12.7	15.2		13.2	16.4	15.5
TEMPERATURE	1994-Oct			15.4			14.6	15.5	15.9		15.3	17.3	16.6
TEMPERATURE	1995-Apr			23.7			20.4	23.5	22.2		23.3	22	20.8
TEMPERATURE	1995-Oct			4.9			7.6	6.3	5.8		6.5	7.5	4.7
TEMPERATURE	1996-Apr			9.4			8.8	8.2	9.6		7.6	8	9.6
TEMPERATURE	1996-Oct			10			10.3	10	10.6		11.4	13.3	10.6
TEMPERATURE	1997-Apr			10			7	8	10		7	8	10
TEMPERATURE	1997-Oct			11			10	11	11		12	13	11
TEMPERATURE	1998-Apr	10		9.5			10	10	10		10	10	10
TEMPERATURE	1998-Oct	12.3		14			15	14.2	13.8		14.3	14	13
TEMPERATURE	1999-Sep	11.5		12			13	13.5	12.5		13.6	12.7	11.6
TEMPERATURE	2000-Sep	13.5		15.4			15.3	17	17.1		17.1	12.9	13
TEMPERATURE	2001-Sep	11.8		15.1			14.5	13.7	13.8		14.1	12.4	12.4
TEMPERATURE	2002-Sep	14.2		15.2	14		14.9	15.7	14.6		14.6	15.4	15.7
TEMPERATURE	2003-Sep	13.6		13.7	16.2		14.3	15.7	15.9		14.6	13.9	13.8
TEMPERATURE	2004-Sep	17.1		17.7		14.3	16.8	17.8	17.1	14.9	17.6	25.4	19.8
TEMPERATURE	2005-Jun												
TEMPERATURE	2005-Sep	14		13.9		15.2	13.2	15	14.2	16.6	15.1	17	13
TEMPERATURE	2005-Oct												
TEMPERATURE	2006-Sep	11.5	14	12.8	14.2	12.7	12.6	12.9	12.5	12.2	13.3	13.4	12.3
TEMPERATURE	2007-Sep	11.9	14	13.7	13.5	11.8	12.4	12.6	13.5	12	12.8	15.1	12.9
TEMPERATURE	2008-Sep	14.2	13.9	13.8	18.3	14	14	13.2	13.8	14.8	14.2	15.4	15.9
TEMPERATURE	2009-Sep	13.2	13.4	12.8	13.2	13.1	13.8	14.1	15	13	13.8	13.3	12.8
TEMPERATURE	2010-Aug	13.3	16.8	17	17	13.2	15.8	12.8	14.1	12.5	16.8	14	14
TEMPERATURE	2011-Sep	13.4	14.4	13.6	15.7	13.5	13.8	12.5	13.2	13.2	13.9	13.2	12.2
TEMPERATURE	2012-Sep	12.38	12.12	10.52	10.85	10.95	11	10.94	11.32	11.61	12.16	12.4	11.47
TEMPERATURE	2013-Sep	15	14.8	16.6	19.2	13.8	14.5	14	16	14.2	17.9	17.3	12.4
TEMPERATURE	2014-Sep	16.41	18.55	16.17	23.43	14.14	14.4	17.36	14.27	13.94	17.94	14.88	18.1
TEMPERATURE	2015-Apr												
TEMPERATURE	2015-Sep	16.33	16.84	16.74	14.14	14.46	14.28	14.48	21.84	15.07	17.13	17.25	14.66
TEMPERATURE	2016-Sep	15.2	15.4	12.6	11.5	12	19.5	12.8	20.9	11.1	13.7	16.4	11.1
TEMPERATURE	2017-Sep	13.8	13.3	14.9	22.2	14.4	19.8	13.6	16.3	14.5		19.8	14.6
TEMPERATURE	2018-Sep	20.5	14.3	18.7	19.38	12.8	13.8	15.2	16	12.1	18	15.5	12.5

GW Standard:
None

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

**TEMPERATURE
UNITS: DEG C**

CHEMICAL PARAMETER	EVENT	MW-18	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27
TEMPERATURE	1994-Feb									
TEMPERATURE	1994-Apr									
TEMPERATURE	1994-Jul									
TEMPERATURE	1994-Oct									
TEMPERATURE	1995-Apr									
TEMPERATURE	1995-Oct									
TEMPERATURE	1996-Apr									
TEMPERATURE	1996-Oct									
TEMPERATURE	1997-Apr									
TEMPERATURE	1997-Oct									
TEMPERATURE	1998-Apr									
TEMPERATURE	1998-Oct									
TEMPERATURE	1999-Sep									
TEMPERATURE	2000-Sep									
TEMPERATURE	2001-Sep									
TEMPERATURE	2002-Sep									
TEMPERATURE	2003-Sep									
TEMPERATURE	2004-Sep	17								
TEMPERATURE	2005-Jun		13.6	13	12.8					
TEMPERATURE	2005-Sep	13.2		14.6	12.8	18.5				
TEMPERATURE	2005-Oct		15.1							
TEMPERATURE	2006-Sep	12.6	12.1	13.1	12.1	12.9				
TEMPERATURE	2007-Sep	13.8	11.8	13.6	11.9	12.8				
TEMPERATURE	2008-Sep	15.4	14.8	13.6	12.2	16.1				
TEMPERATURE	2009-Sep	13.5	15.8	14.6	12.7	15.6				
TEMPERATURE	2010-Aug	14.5		15.2	13	19				
TEMPERATURE	2011-Sep	12.2	14.3	14.1	12.2	13.3				
TEMPERATURE	2012-Sep	11.09		14.57		13.02				
TEMPERATURE	2013-Sep	12.9	16.5	13.9	12.6	20.6				
TEMPERATURE	2014-Sep	21.31	16.5	18.77	17.97	18.88				
TEMPERATURE	2015-Apr						11.97	11.76	14.64	15.39
TEMPERATURE	2015-Sep	17.34	18.29	15.19	14.15	14.57	15.52	17.34	16.15	17.72
TEMPERATURE	2016-Sep	14.8	20	16	11.3	13.6	12.4	16.9	16.9	15
TEMPERATURE	2017-Sep	17.6		16.8	15.6	20	17.4	14.4	14.1	19.7
TEMPERATURE	2018-Sep	12.8	17.8	15.78	11.2	14.2	16.61	17.8	14.7	15.7

GW Standard:
None

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

**TEMPERATURE
UNITS: DEG C**

CHEMICAL PARAMETER	EVENT	DPW-01	DPW-02	SW-01	SW-02	LW-02	LW-03
TEMPERATURE	1994-Feb						
TEMPERATURE	1994-Apr						
TEMPERATURE	1994-Jul						
TEMPERATURE	1994-Oct						
TEMPERATURE	1995-Apr						
TEMPERATURE	1995-Oct						
TEMPERATURE	1996-Apr						
TEMPERATURE	1996-Oct						
TEMPERATURE	1997-Apr						
TEMPERATURE	1997-Oct						
TEMPERATURE	1998-Apr						
TEMPERATURE	1998-Oct						
TEMPERATURE	1999-Sep						
TEMPERATURE	2000-Sep						
TEMPERATURE	2001-Sep						
TEMPERATURE	2002-Sep						
TEMPERATURE	2003-Sep						
TEMPERATURE	2004-Sep						
TEMPERATURE	2005-Jun	15	15.1				
TEMPERATURE	2005-Sep						
TEMPERATURE	2005-Oct	15.2					
TEMPERATURE	2006-Sep	15.9					
TEMPERATURE	2007-Sep	16.8	15.7				
TEMPERATURE	2008-Sep	17.9	17.5				
TEMPERATURE	2009-Sep	16	16.1				
TEMPERATURE	2010-Aug	20.7	22				
TEMPERATURE	2011-Sep	17.5	18.2				
TEMPERATURE	2012-Sep	15.4	13.05			11.44	
TEMPERATURE	2013-Sep	19.3	22.7			15.7	15.8
TEMPERATURE	2014-Sep			29.95	29.35	14.97	
TEMPERATURE	2015-Apr						
TEMPERATURE	2015-Sep				21.42	14.52	14.76
TEMPERATURE	2016-Sep			21.2	20.8	14.2	13.8
TEMPERATURE	2017-Sep			17.9	17.6	15.5	
TEMPERATURE	2018-Sep	17.4	18.0	18.2	18.2		

GW Standard:
None

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

CONDUCTANCE, SPECIFIC
UNITS: UMHOS/CM

CHEMICAL PARAMETER	EVENT	MW-02A	MW-03	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17
CONDUCTANCE, SPECIFIC	1994-Feb			539				773			1530	1370	810
CONDUCTANCE, SPECIFIC	1994-Apr			514			2830	849	1610		1660	1430	770
CONDUCTANCE, SPECIFIC	1994-Jul			561			1140	838	1160		1180	1230	797
CONDUCTANCE, SPECIFIC	1994-Oct			507			3010	842	680		1470	1520	1130
CONDUCTANCE, SPECIFIC	1995-Apr			556			2830	830	1025		1640	9100	1268
CONDUCTANCE, SPECIFIC	1995-Oct			784			4190	1150	1820		2400	1450	1630
CONDUCTANCE, SPECIFIC	1996-Apr			551			1666	814	1075		1482	3810	1020
CONDUCTANCE, SPECIFIC	1996-Oct			510			270	860	1260		1990	7700	1050
CONDUCTANCE, SPECIFIC	1997-Apr			550			280	1060	970		1800	5100	1380
CONDUCTANCE, SPECIFIC	1997-Oct			530			270	1330	1460		1800	6900	1170
CONDUCTANCE, SPECIFIC	1998-Apr	540		430			2380	840	1120		1750	4130	910
CONDUCTANCE, SPECIFIC	1998-Oct	530		430			1730	760	1340		1570	5630	1040
CONDUCTANCE, SPECIFIC	1999-Sep	550		480			2140	830	1380		1660	5880	1140
CONDUCTANCE, SPECIFIC	2000-Sep	572		518			2480	934	1972		1576	8160	1548
CONDUCTANCE, SPECIFIC	2001-Sep	535		550			2220	893	1481		1903	7680	1461
CONDUCTANCE, SPECIFIC	2002-Sep	548		510	654		2100	853	1470		2130	6510	910
CONDUCTANCE, SPECIFIC	2003-Sep	557		548	660		2060	777	1381		2010	6550	1582
CONDUCTANCE, SPECIFIC	2004-Sep	545		545		2330	1792	673	1574	1944	2060	6440	1855
CONDUCTANCE, SPECIFIC	2005-Jun												
CONDUCTANCE, SPECIFIC	2005-Sep	575		580		3120	2160	721	1793	2080	2130	8610	1583
CONDUCTANCE, SPECIFIC	2005-Oct												
CONDUCTANCE, SPECIFIC	2006-Sep	522	884	609	715	3490	2250	818	1436	2460	2170	8710	1730
CONDUCTANCE, SPECIFIC	2007-Sep	525	789	576	739	3460	2480	788	1584	1952	2320	5580	1980
CONDUCTANCE, SPECIFIC	2008-Sep	517	719	599	774	3510	2450	684	1593	1745	2310	4860	1881
CONDUCTANCE, SPECIFIC	2009-Sep	516	805	547	754	3770	2840	694	1570	1836	2360	6300	1728
CONDUCTANCE, SPECIFIC	2010-Aug	496	761	526	748	3320	2580	689	1528	1712	2210	5190	1764
CONDUCTANCE, SPECIFIC	2011-Sep	508	800	926	826	3300	2500	680	1442	3050	2410	6450	1997
CONDUCTANCE, SPECIFIC	2012-Sep	545	757	520	810	3318	2469	741	1565	3527	2507	7152	2190
CONDUCTANCE, SPECIFIC	2013-Sep	516	831	585	805	3270	2690	740	1523	3680	2650	6010	2080
CONDUCTANCE, SPECIFIC	2014-Sep	513	948	597	836	3015	2749	735	1514	3344	2561	5651	2072
CONDUCTANCE, SPECIFIC	2015-Apr												
CONDUCTANCE, SPECIFIC	2015-Sep	511	958	1679	795	2720	1326	695	1582	2864	2397	4677	1926
CONDUCTANCE, SPECIFIC	2016-Sep	2167	1383	457	1347	4847	4122	996	3920	3117	5540	8041	2706
CONDUCTANCE, SPECIFIC	2017-Sep	678	889	450.2	758	1428	2093	703	2487	2692		4437	1570
CONDUCTANCE, SPECIFIC	2018-Sep	599	813	528.8	816	2874	2408	644	2425	3024	2613	4765	1994

GW Standard:
None

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

CONDUCTANCE, SPECIFIC

UNITS: UMHOS/CM

CHEMICAL PARAMETER	EVENT	MW-18	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27
CONDUCTANCE, SPECIFIC	1994-Feb									
CONDUCTANCE, SPECIFIC	1994-Apr									
CONDUCTANCE, SPECIFIC	1994-Jul									
CONDUCTANCE, SPECIFIC	1994-Oct									
CONDUCTANCE, SPECIFIC	1995-Apr									
CONDUCTANCE, SPECIFIC	1995-Oct									
CONDUCTANCE, SPECIFIC	1996-Apr									
CONDUCTANCE, SPECIFIC	1996-Oct									
CONDUCTANCE, SPECIFIC	1997-Apr									
CONDUCTANCE, SPECIFIC	1997-Oct									
CONDUCTANCE, SPECIFIC	1998-Apr									
CONDUCTANCE, SPECIFIC	1998-Oct									
CONDUCTANCE, SPECIFIC	1999-Sep									
CONDUCTANCE, SPECIFIC	2000-Sep									
CONDUCTANCE, SPECIFIC	2001-Sep									
CONDUCTANCE, SPECIFIC	2002-Sep									
CONDUCTANCE, SPECIFIC	2003-Sep									
CONDUCTANCE, SPECIFIC	2004-Sep	2060								
CONDUCTANCE, SPECIFIC	2005-Jun		1041	672	748	690				
CONDUCTANCE, SPECIFIC	2005-Sep	2140		690	843	652				
CONDUCTANCE, SPECIFIC	2005-Oct		1130							
CONDUCTANCE, SPECIFIC	2006-Sep	2380	1364	748	842	628				
CONDUCTANCE, SPECIFIC	2007-Sep	2370	1454	880	933	613				
CONDUCTANCE, SPECIFIC	2008-Sep	2280	1612	837	956	618				
CONDUCTANCE, SPECIFIC	2009-Sep	2240	1628	845	891	595				
CONDUCTANCE, SPECIFIC	2010-Aug	2260		776	941	574				
CONDUCTANCE, SPECIFIC	2011-Sep	2220	1552	796	1070	617				
CONDUCTANCE, SPECIFIC	2012-Sep	2557		805	1233	635				
CONDUCTANCE, SPECIFIC	2013-Sep	3030	1567	845	1395	621				
CONDUCTANCE, SPECIFIC	2014-Sep	2978	1649	862	1257	597				
CONDUCTANCE, SPECIFIC	2015-Apr						620	705	1432	1719
CONDUCTANCE, SPECIFIC	2015-Sep	2477	1444	561	1235	886	331	662	1182	1273
CONDUCTANCE, SPECIFIC	2016-Sep	4343	2719	1397	1861	1143	961	1194	2044	2269
CONDUCTANCE, SPECIFIC	2017-Sep	2211		711	1149	646	573.7	12	1069	991
CONDUCTANCE, SPECIFIC	2018-Sep	2420	1861	821	1259	759	603	669	1182	1097

GW Standard:

None

**IPL Stoney Point Closed Landfill
Historic Monitoring Results**

CONDUCTANCE, SPECIFIC
UNITS: UMHOS/CM

CHEMICAL PARAMETER	EVENT	DPW-01	DPW-02	SW-01	SW-02	LW-02	LW-03
CONDUCTANCE, SPECIFIC	1994-Feb						
CONDUCTANCE, SPECIFIC	1994-Apr						
CONDUCTANCE, SPECIFIC	1994-Jul						
CONDUCTANCE, SPECIFIC	1994-Oct						
CONDUCTANCE, SPECIFIC	1995-Apr						
CONDUCTANCE, SPECIFIC	1995-Oct						
CONDUCTANCE, SPECIFIC	1996-Apr						
CONDUCTANCE, SPECIFIC	1996-Oct						
CONDUCTANCE, SPECIFIC	1997-Apr						
CONDUCTANCE, SPECIFIC	1997-Oct						
CONDUCTANCE, SPECIFIC	1998-Apr						
CONDUCTANCE, SPECIFIC	1998-Oct						
CONDUCTANCE, SPECIFIC	1999-Sep						
CONDUCTANCE, SPECIFIC	2000-Sep						
CONDUCTANCE, SPECIFIC	2001-Sep						
CONDUCTANCE, SPECIFIC	2002-Sep						
CONDUCTANCE, SPECIFIC	2003-Sep						
CONDUCTANCE, SPECIFIC	2004-Sep						
CONDUCTANCE, SPECIFIC	2005-Jun	2720	2120				
CONDUCTANCE, SPECIFIC	2005-Sep						
CONDUCTANCE, SPECIFIC	2005-Oct	3050					
CONDUCTANCE, SPECIFIC	2006-Sep	3090					
CONDUCTANCE, SPECIFIC	2007-Sep	2480	738				
CONDUCTANCE, SPECIFIC	2008-Sep	1588	715				
CONDUCTANCE, SPECIFIC	2009-Sep	1113	380				
CONDUCTANCE, SPECIFIC	2010-Aug	1640	750				
CONDUCTANCE, SPECIFIC	2011-Sep	2020	1188				
CONDUCTANCE, SPECIFIC	2012-Sep	2500	1318			2591	
CONDUCTANCE, SPECIFIC	2013-Sep	1728	1285			3130	1117
CONDUCTANCE, SPECIFIC	2014-Sep			1018	1208	3686	
CONDUCTANCE, SPECIFIC	2015-Apr						
CONDUCTANCE, SPECIFIC	2015-Sep				1600	513	1104
CONDUCTANCE, SPECIFIC	2016-Sep			760	1638	251.9	1710
CONDUCTANCE, SPECIFIC	2017-Sep			723	1597	1677	
CONDUCTANCE, SPECIFIC	2018-Sep	3107	1080	851	748		

GW Standard:
None

Appendix E

Statistical Evaluation and Updated Time Series Plots

E1 Statistical Evaluation

November 27, 2023
File No. 25223065.00

TECHNICAL MEMORANDUM

SUBJECT: Statistical Evaluation of Groundwater Monitoring Results
Stoney Point CCR Landfill, September 2023 Sampling Event

PREPARED BY: Ryan Matzuk

CHECKED BY: Charles Hostetler

STATISTICAL METHOD

The statistical analysis uses a prediction interval approach as recommended for detection monitoring in the March 2009 U.S. Environmental Protection Agency (U.S. EPA) Unified Guidance for Statistical Analysis of Groundwater Monitoring Data at Resource Conservation and Recovery Act (RCRA) Facilities. For the prediction interval evaluation, interwell testing was selected based on the considerations outlined in Chapter 6 of the Unified Guidance. The statistical program used to calculate the interwell prediction interval is Sanitas™ (Version 9.6.37).

The Stoney Point monitoring data are evaluated in two well groups, representing the shallow and deep groundwater systems. For the shallow groundwater system, monitoring well MW-2A is used as the background well. For the deep groundwater system, MW-8 is used as the background well.

TIME SERIES PLOTS

Time series plots are prepared for the required monitoring parameters to show the concentration variations over time. Time series graphs are included in **Attachments E1** (shallow) and **E2** (deep). For metals, the time series plots only show monitoring results since 2016, when the monitoring program transitioned from dissolved metals to total metals analysis. For chloride and sulfate, which are not typically affected by filtering, older historical results are included in the time series plots and are used in the determination of background for the statistical evaluation.

OUTLIER ANALYSIS

An outlier analysis is performed for background monitoring results at upgradient wells MW-2A and MW-8. A statistical outlier is a value that is extremely different from the other values in the data set. The Sanitas™ outlier tests identify data points that do not appear to fit the distribution of the rest of the data set and determine if they differ significantly from the rest of the data. The outlier analysis performed in Sanitas™ includes the following steps:

- 1) Run normality test (Shapiro Wilk/Francia).
- 2) If normally distributed, run USEPA's 1989 Outlier Test to identify suspected outliers:



- a) If number of background samples is less than or equal to 25, run Dixon's test for suspected outliers.
 - b) If number of background samples is more than 25, run Rosner's test for suspected outliers.
- 3) If not normally distributed, run Tukey's test for outliers.
- 4) Review data flagged as possible outliers to evaluate whether they should be removed from the background data set. Also review time series plots for possible outliers that were not picked up in the statistical evaluation (e.g., outlier test may not identify outliers when two values are similar to each other, but very different from all other data).

Results identified as statistical outliers are checked for possible lab instrument failure, field collection problems, or data entry errors; however, apparent outliers may exist naturally in the data if there is an extremely wide inherent or temporal variability in the data. The Unified Guidance states that unless a likely error can be identified, the outlier should not be removed.

For the 2023 data evaluation, the following background values were identified as potential outliers and handled as described:

- **Barium, Shallow (MW-2A).** One high result for barium from the September 2016 event was flagged by Sanitas™ as a statistical outlier. This result was kept in the dataset because there was no known explanation for the high result and it appeared to be within the range of potential natural variation relative to the other observed barium concentrations.
- **Cobalt, Shallow (MW-2A).** One high result for cobalt from the September 2017 event and one low results for cobalt from the September 2018 event were flagged by Sanitas™ as statistical outliers. The high result was kept in the dataset because there was no known explanation for the high concentration and it appeared to be within the range of potential natural variation relative to the other observed cobalt concentrations. The increase in cobalt for this event was consistent with increases for several other metals, including some other metals identified as possible outliers and other metals that were not. The low result was a non-detect, and was kept in the dataset because it is in the range of potential natural variation relative to other observed concentrations, multiple of which are non-detects or under the laboratory's limit of quantification. This non-detect result was likely flagged as an outlier by Sanitas™ because it had a lower limit of detection than previously observed non-detect results.
- **Iron, Shallow (MW-2A).** One high result for iron from the September 2017 event was flagged by Sanitas™ as a statistical outlier. This result was kept in the dataset because there was no known explanation for the high result and it appeared to be within the range of potential natural variation relative to the other observed iron concentrations. The increase in iron for this event was consistent with increases for several other metals, including some other metals identified as possible outliers and other metals that were not.
- **Lead, Shallow (MW-2A).** One high result for lead from the September 2017 event was flagged by Sanitas™ as a statistical outlier. This result was kept in the dataset because there was no known explanation for the high result. The increase in lead for this event

was consistent with increases for several other metals, including some other metals identified as possible outliers and other metals that were not.

- **Manganese, Shallow (MW-2A).** One high result for manganese from the September 2017 event was flagged by Sanitas™ as a statistical outlier. This result was kept in the dataset because there was no known explanation for the high result and it appeared to be within the range of potential natural variation relative to the other observed manganese concentrations. The increase in manganese for this event was consistent with increases for several other metals, including some other metals identified as possible outliers and other metals that were not.
- **Manganese, Deep (MW-8).** One low result for manganese from the September 2016 event was flagged by Sanitas™ as a statistical outlier. This result was kept in the dataset because there was no known explanation for the low result, and it appeared to be within the range of potential natural variation relative to the other observed manganese concentrations.

Outlier analysis results are included in **Attachments E3** (shallow) and **E4** (deep).

INTERWELL PREDICTION LIMITS

Interwell upper prediction limits (UPLs) are calculated for the shallow and deep groundwater systems using data from the background wells for each monitored constituent, with outliers removed as noted above. The prediction limit analysis performed in Sanitas™ includes the following steps:

1. If 50 percent or more of results are non-detect, apply a non-parametric UPL. For small background sample sizes, the non-parametric UPL is the highest background value. For a parameter with 100 percent non-detects in the background values, the Double Quantification rule applies, which says that a statistically significant increase (SSI) occurs when two results exceeding the quantification limit are reported for a compliance well.
2. If fewer than 50 percent of the results are non-detect, run normality test (Shapiro Wilk/Francia) to assess whether the data fit a normal distribution or can be transformed to fit a normal distribution (e.g., lognormal).
3. If normal or transformed normal, calculate parametric UPL.
4. If not normal or transformed normal, calculate non-parametric UPL.

For evaluation of parameters with less than 100 percent non-detects in the background sampling, the non-detects were replaced with the detection limit, unless the non-detects represented less than 15 percent of the total samples, in which case one-half of the detection limit was used.

Consistent with the Unified Guidance, parametric prediction limits are calculated based on a 1-of-2 retesting protocol and a target 10 percent annual site-wide false positive rate. Sanitas™ establishes the per-test significance level based on user inputs of the number of events per year, the number of constituents being evaluated, and the number of compliance wells. For the 2023 event, the following values were used:

Parameter	Value	Comments
Evaluations per year	1	September event
Constituents analyzed	10	Total of 18 constituents analyzed, beryllium and selenium not counted because all deep unit background results were non-detect for both parameters. Calcium, fluoride, lithium, molybdenum, total dissolved solids (TDS), and total suspended solids (TSS) were added to the sampling program in September 2023 and have do not meet the minimum criteria of four rounds of background data required to calculate upper prediction limits. Copper and zinc were removed from the sampling program beginning in September 2023.
Compliance wells	13	5 shallow and 8 deep (wells sampled for monitoring List A)

Non-parametric prediction limits are also based on a 1-of-2 retesting protocol. The non-parametric limit is the highest value in the background dataset. Non-parametric limits were also used if the parametric analysis resulted in a transformed lognormal UPL that was more than 5 times the highest background value. Due to the small sample size, the false positive rate for the non-parametric tests is higher than for the parametric tests, but will go down as more background data are obtained.

Although the limits are based on a 1-of-2 retesting approach, retesting is not required. Because the site is closed and has been monitored for many years, retesting will typically not be performed unless a new potential SSI is identified. If retesting is not performed, a result above the UPL is presumed to represent an SSI above the interwell background level.

For results with 100 percent non-detects in the background data, evaluation under the Double Quantification Rule means that an SSI has not occurred for a compliance well unless two sample results from the well exceed the laboratory's reporting limit or quantification limit.

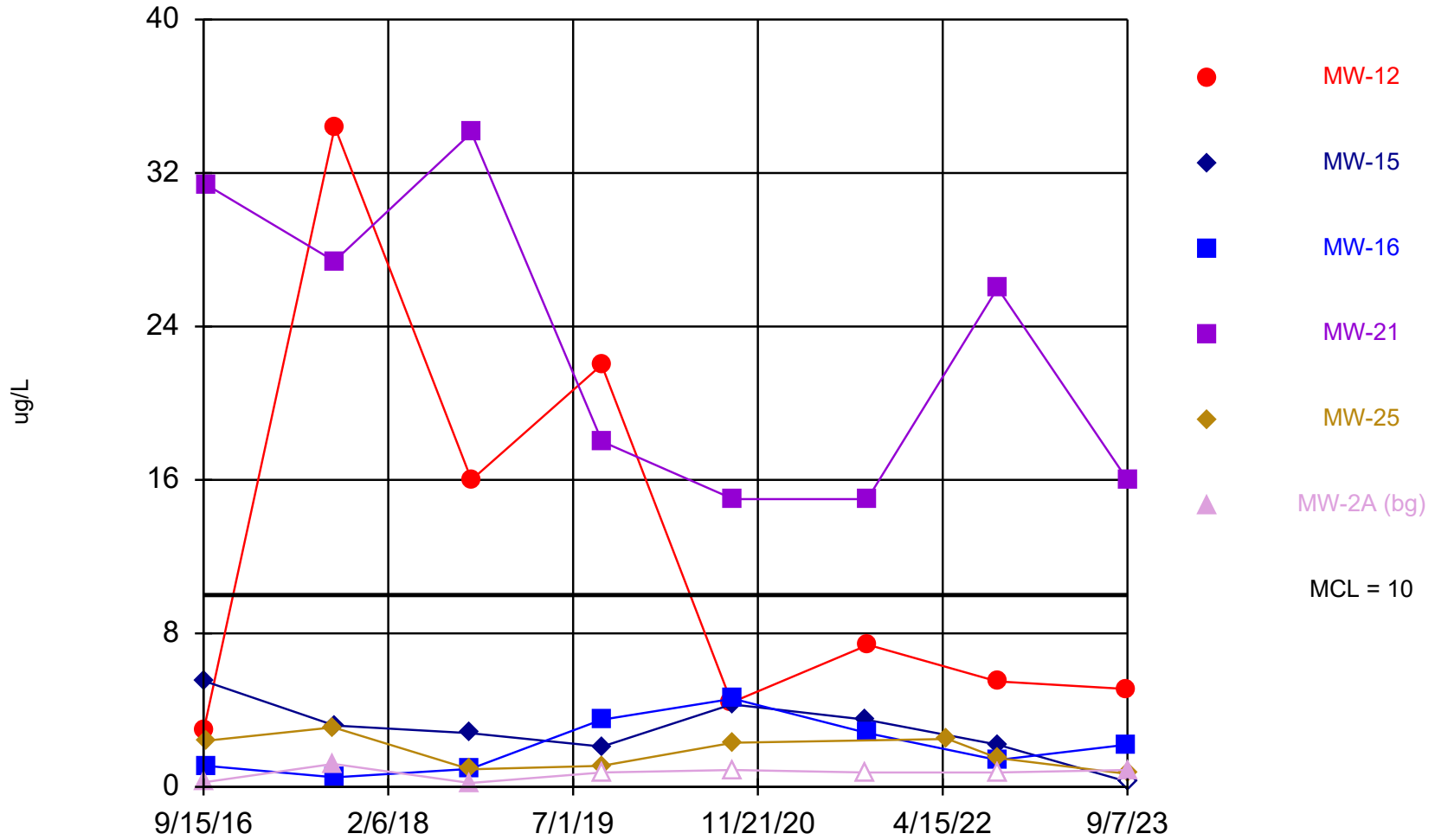
Interwell prediction limit analysis results for 2023 are included in **Attachments E5** (shallow) and **E6** (deep).

RM/lmh/CH

Attachment E1

Times Series Graphs – Shallow Unit

Arsenic



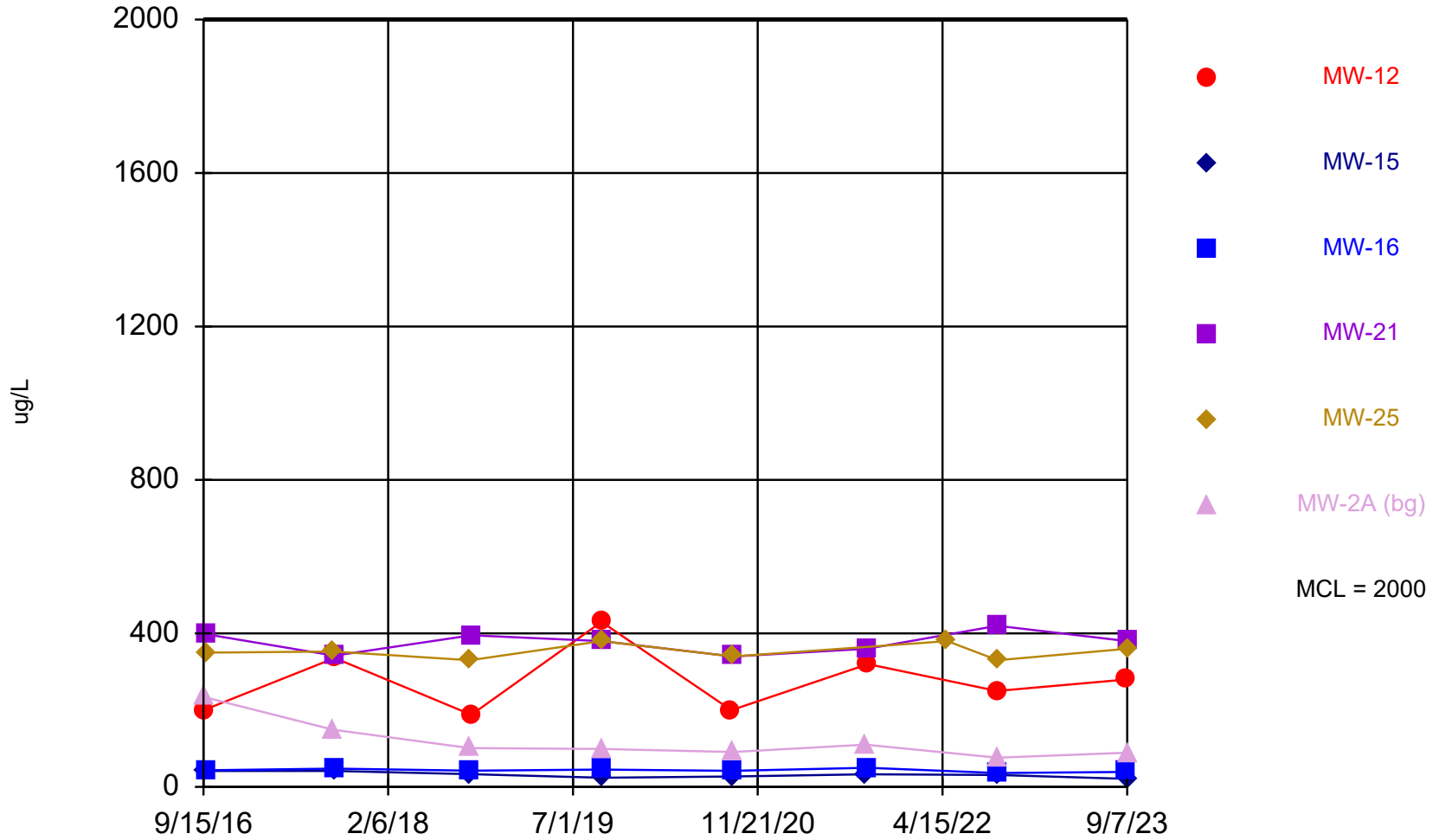
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Arsenic (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	2.9					
9/16/2016						0.24 (J)
9/20/2016		5.5				
9/21/2016					2.4	
9/22/2016			1.1	31.4		
9/8/2017					3.1	1.2
9/11/2017				27.4		
9/12/2017	34.4	3.2	0.5 (J)			
9/20/2018		2.8			0.92 (J)	0.2 (J)
9/21/2018			0.94 (J)			
9/24/2018	16			34.1		
9/18/2019	22		3.5		1.1 (J)	
9/19/2019		2.1		18		<0.75
9/10/2020	4.4					
9/11/2020		4.3				
9/14/2020			4.6		2.3	<0.88
9/15/2020				15		
9/15/2021						<0.75
9/17/2021		3.5				
9/20/2021				15		
9/21/2021			2.8			
9/22/2021	7.4					
4/29/2022					2.5	
9/13/2022	5.5					
9/14/2022		2.2	1.4 (J)	26		<0.75
9/15/2022					1.5 (J)	
9/6/2023	5.1		2.2			
9/7/2023		<0.53 (U)		16	0.68 (J)	0.88 (J)

Barium



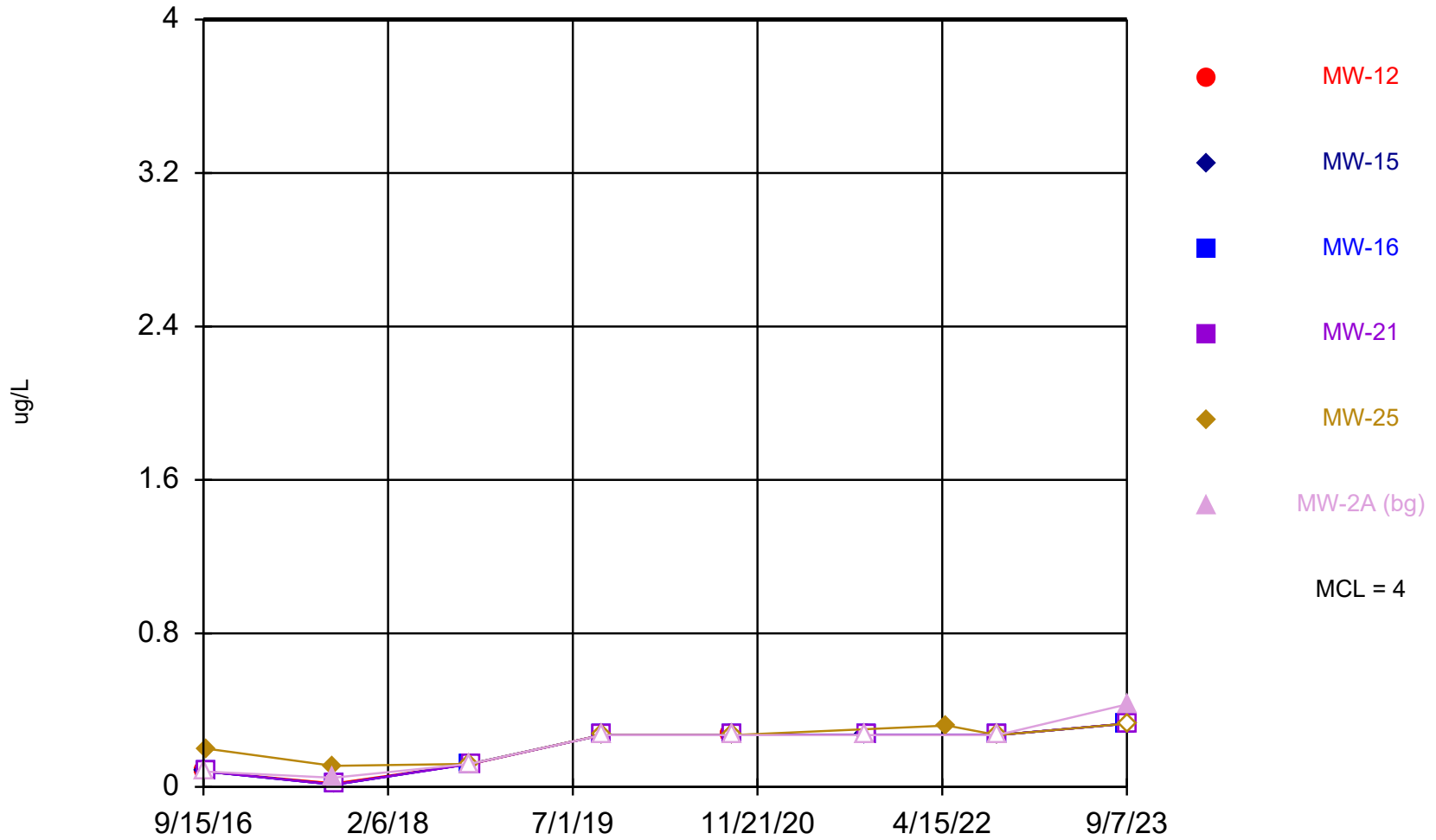
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Barium (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	200					
9/16/2016						234
9/20/2016		41.6				
9/21/2016					350	
9/22/2016			43.5	398		
9/8/2017					353	149
9/11/2017				342		
9/12/2017	336	41.6	47.8			
9/20/2018		33.3			330	101
9/21/2018			42.2			
9/24/2018	188			395		
9/18/2019	430		45		380	
9/19/2019		24		380		99
9/10/2020	200					
9/11/2020		27				
9/14/2020			42		340	91
9/15/2020				340		
9/15/2021						110
9/17/2021		33				
9/20/2021				360		
9/21/2021			50			
9/22/2021	320					
4/29/2022					380	
9/13/2022	250 (B)					
9/14/2022		31 (B)	36 (B)	420 (B)		76 (B)
9/15/2022					330 (B)	
9/6/2023	280		39			
9/7/2023		21		380	360	89

Beryllium



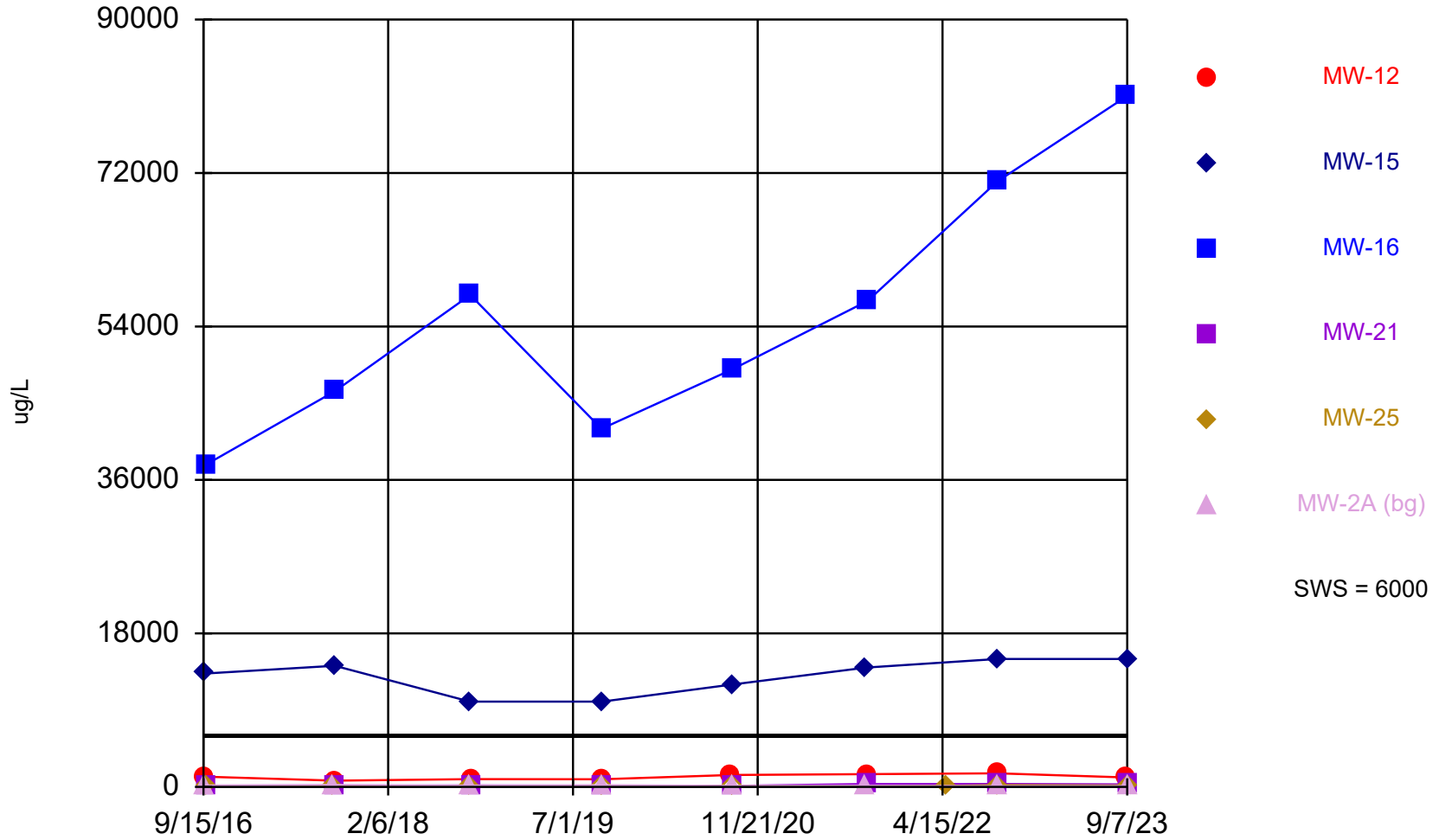
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Beryllium (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.08					
9/16/2016						<0.08
9/20/2016		<0.08				
9/21/2016					0.2 (J)	
9/22/2016			<0.08	<0.08		
9/8/2017					0.11 (J)	0.048 (J)
9/11/2017				<0.012		
9/12/2017	0.018 (J)	<0.012	<0.012			
9/20/2018		<0.12			<0.12	<0.12
9/21/2018			<0.12			
9/24/2018	<0.12			<0.12		
9/18/2019	<0.27		<0.27		<0.27	
9/19/2019		<0.27		<0.27		<0.27
9/10/2020	<0.27					
9/11/2020		<0.27				
9/14/2020			<0.27		<0.27	<0.27
9/15/2020				<0.27		
9/15/2021						<0.27
9/17/2021		<0.27				
9/20/2021				<0.27		
9/21/2021			<0.27			
9/22/2021	<0.27					
4/29/2022					0.32 (J)	
9/13/2022	<0.27					
9/14/2022		<0.27	<0.27	<0.27		<0.27
9/15/2022					<0.27	
9/6/2023	<0.33 (U)		<0.33 (U)			
9/7/2023		<0.33 (U)		<0.33 (U)	<0.33 (U)	0.43 (J)

Boron



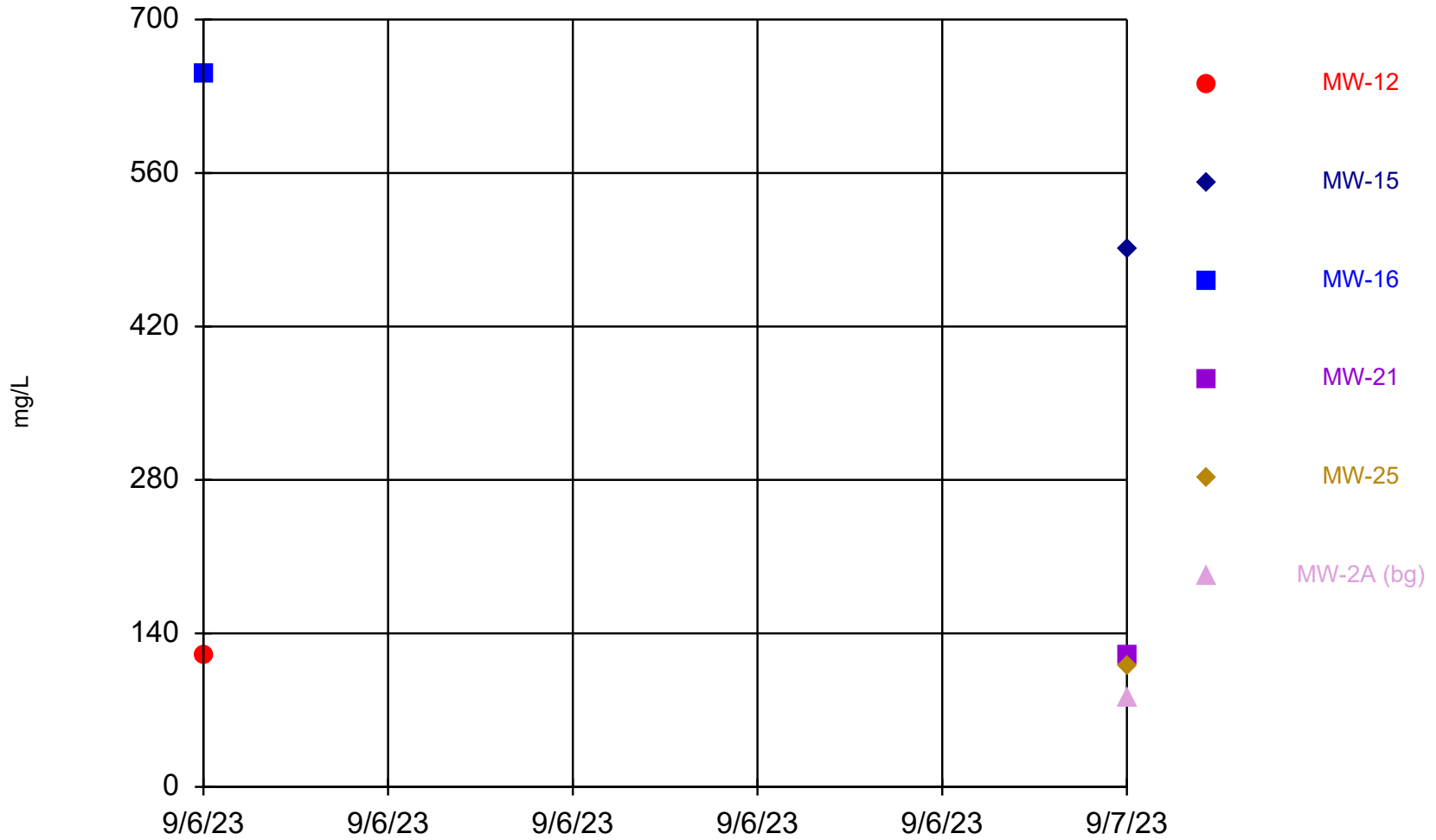
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Boron (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	1200					
9/16/2016						159
9/20/2016		13300				
9/21/2016					98 (J)	
9/22/2016			37800	86.8 (J)		
9/8/2017					105	222
9/11/2017				116		
9/12/2017	741	14200	46400			
9/20/2018		10000			153	141
9/21/2018			57700			
9/24/2018	910			158		
9/18/2019	890		42000		<110	
9/19/2019		10000		140 (J)		200
9/10/2020	1400					
9/11/2020		12000				
9/14/2020			49000		<80	110
9/15/2020				110		
9/15/2021						140
9/17/2021		14000				
9/20/2021				350		
9/21/2021			57000			
9/22/2021	1500					
4/29/2022					110	
9/13/2022	1600					
9/14/2022		15000	71000	350		88 (J)
9/15/2022					210	
9/6/2023	1100		81000			
9/7/2023		15000		300	170	100

Calcium



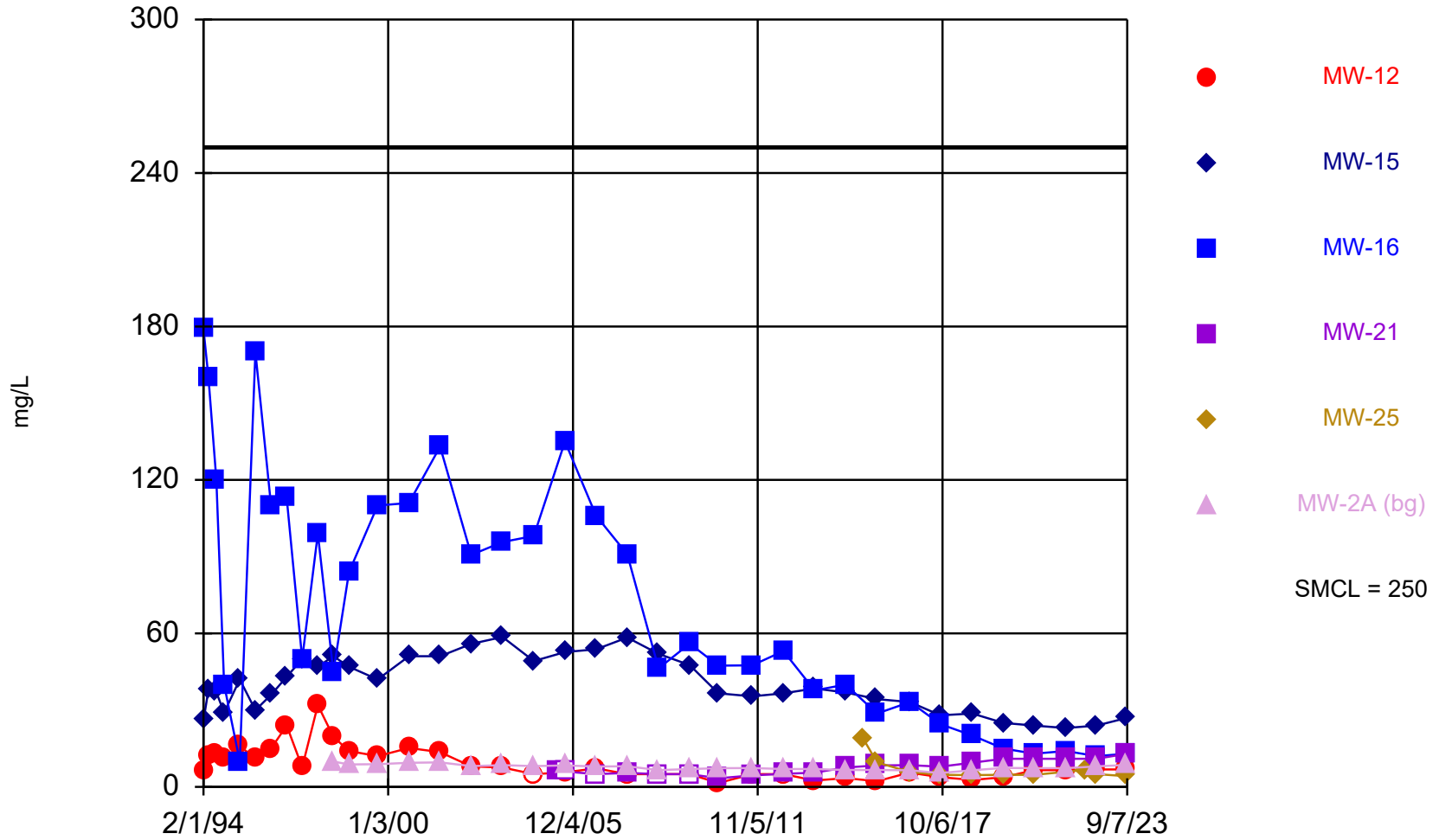
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Calcium (mg/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/6/2023	120		650			
9/7/2023		490		120	110	81

Chloride



Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Chloride (mg/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

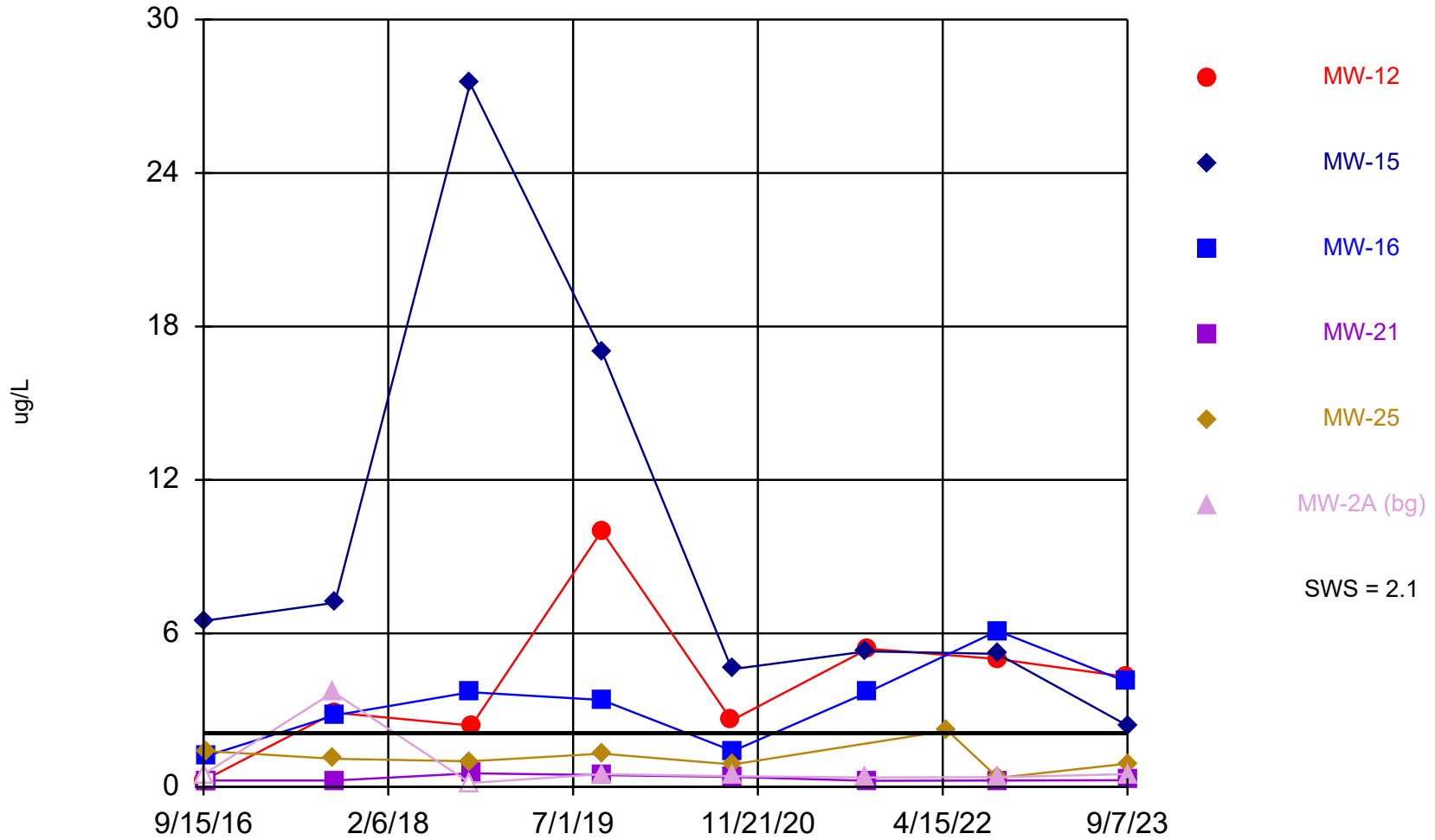
	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
2/1/1994	6	26	179			
4/1/1994	12	38	160			
7/1/1994	13	37	120			
10/1/1994	11	29	40			
4/1/1995	16	42	10			
10/1/1995	11	30	170			
4/1/1996	15	36	110			
10/1/1996	24	43	113			
4/1/1997	7.7	50	50			
10/1/1997	32	47	99			
4/1/1998	19.6	51.1	44.9			9.9
10/1/1998	14	47	84			8.8
9/1/1999	12	42	110			8.9
9/1/2000	15.2	51.1	111			9.4
9/1/2001	13.6	51.1	133			9.6
9/1/2002	8	55.9	90.7			8.1
9/1/2003	7.6	58.6	95.7			8.5
9/1/2004	<5	49.2	98.1			8.1
6/1/2005				5.9		
9/1/2005	5.7	52.7	135	<6		8.4
9/1/2006	7.28	53.8	106	<5		7.98
9/1/2007	<5	58.4	90.9	5.47		8.09
9/1/2008	<5	52	46.3	<5		6.54
9/1/2009	<5	47.6	56	<5		6.97
8/1/2010	1.5	36.6	47.4	3.36		7.3
9/1/2011	<5	35.4	47.5	4.5		7.36
9/1/2012	<5	36.6	53.1	5.11		6.98
9/1/2013	2.5	38.5	37.7	5.6		7
9/1/2014	3.4	36.9	40	7.6		6.6
4/1/2015					18.4	
9/1/2015	2.2	34.3	28.7	8.4	9.6	6.6
9/15/2016	5.6					
9/16/2016						6.5
9/20/2016		33.2				
9/21/2016					5.8	
9/22/2016			33.2	8.5		
9/8/2017					4.7	5.4
9/11/2017				7.9		
9/12/2017	3.8	28	24.5			
9/20/2018		28.7			4.6	6.5
9/21/2018			20.1			
9/24/2018	2.7			9.5		
9/18/2019	3.8 (J)		15		4.7 (J)	
9/19/2019		25		11		7.4
9/10/2020	6.5					
9/11/2020		24				
9/14/2020			13		4.7 (J)	7.3
9/15/2020				11		
9/15/2021						7.3
9/17/2021		23				
9/20/2021				11		
9/21/2021			14			

Time Series

Constituent: Chloride (mg/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/22/2021	6.6					
4/29/2022					6.6	
9/13/2022	6.8					
9/14/2022		24	12	11		8
9/15/2022					5	
9/6/2023	6.8		13			
9/7/2023		27		13	4.2 (J)	8.6

Cobalt



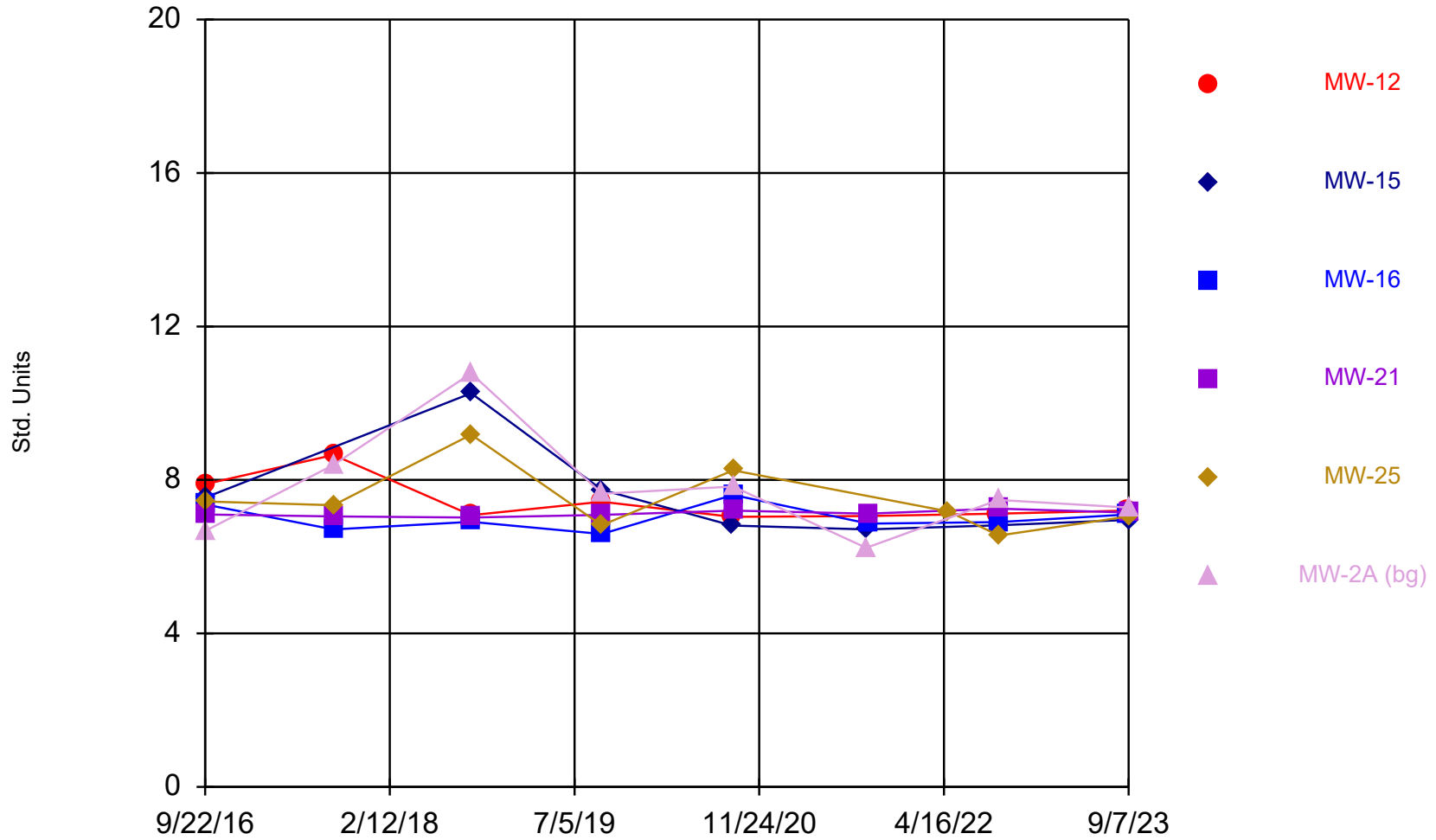
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Cobalt (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.5					
9/16/2016						<0.5
9/20/2016		6.5				
9/21/2016					1.4	
9/22/2016			1.2	<0.5		
9/8/2017					1.1	3.7
9/11/2017				0.25 (J)		
9/12/2017	2.9	7.2	2.8			
9/20/2018		27.5			1	<0.15
9/21/2018			3.7			
9/24/2018	2.4			0.53 (J)		
9/18/2019	10		3.4		1.3	
9/19/2019		17		0.46 (J)		0.5
9/10/2020	2.6					
9/11/2020		4.6				
9/14/2020			1.4		0.88	0.42 (J)
9/15/2020				0.39 (J)		
9/15/2021						0.37 (J)
9/17/2021		5.3				
9/20/2021				0.24 (J)		
9/21/2021			3.7			
9/22/2021	5.4					
4/29/2022					2.2	
9/13/2022	5					
9/14/2022		5.2	6.1	0.25 (J)		0.38 (J)
9/15/2022					0.35 (J)	
9/6/2023	4.3		4.1			
9/7/2023		2.4		0.26 (J)	0.91	0.5

Field pH



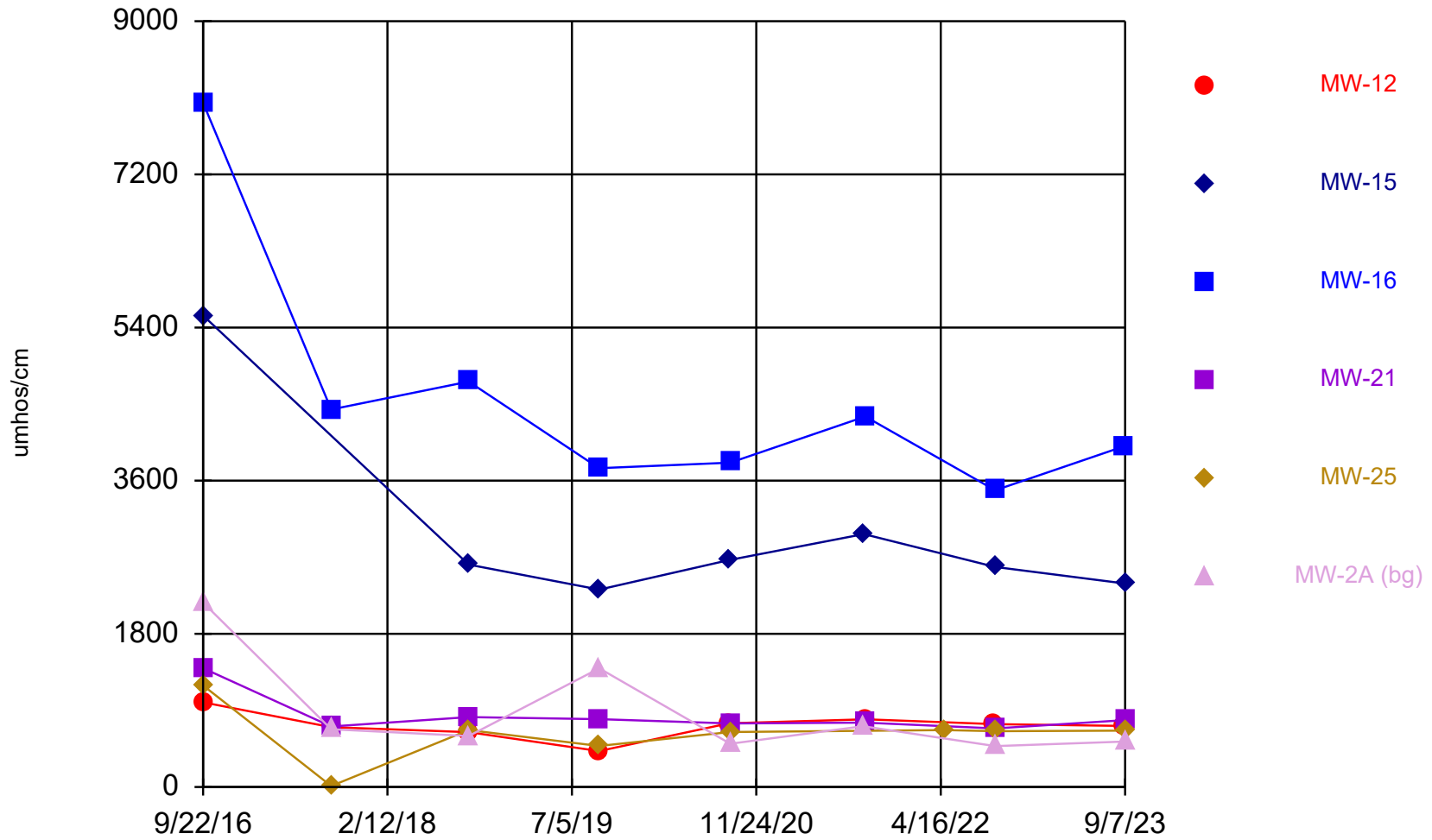
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Field pH (Std. Units) Analysis Run 10/13/2023 8:57 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/22/2016	7.89	7.54	7.36	7.1	7.44	6.67
9/10/2017	8.65		6.71	7.05	7.34	8.39
9/24/2018	7.08	10.26	6.91	7.02	9.18	10.78
9/18/2019	7.43		6.59		6.82	
9/19/2019		7.74		7.09		7.64
9/10/2020	7.04					
9/11/2020		6.81				
9/14/2020			7.61		8.25	7.83
9/15/2020				7.2		
9/15/2021						6.23
9/17/2021		6.71				
9/20/2021				7.12		
9/21/2021			6.86			
9/22/2021	7.06					
4/29/2022					7.18	
9/13/2022	7.12					
9/14/2022		6.82	6.9	7.25		7.48
9/15/2022					6.55	
9/6/2023	7.2		7.1			
9/7/2023		6.96		7.15	7.05	7.28

Field Specific Conductance



Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

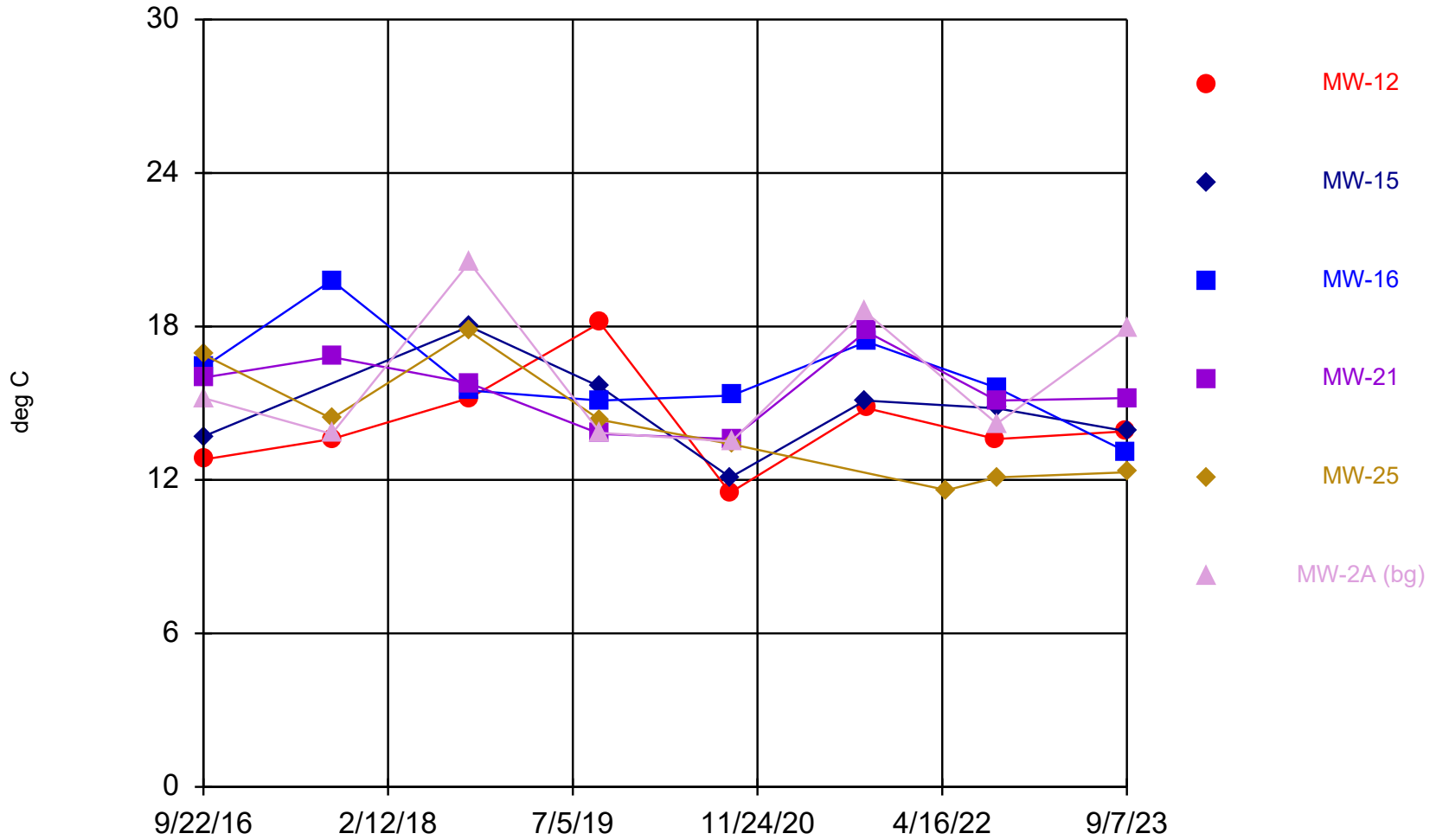
Time Series

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 10/13/2023 8:57 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/22/2016	996	5540	8041	1397	1194	2167
9/10/2017	703		4437	711	12	678
9/24/2018	644	2613	4765	821	669	599
9/18/2019	423		3747		482	
9/19/2019		2320		797		1395
9/10/2020	749					
9/11/2020		2668				
9/14/2020			3812		647	507.7
9/15/2020				747		
9/15/2021						715
9/17/2021		2972				
9/20/2021				756		
9/21/2021			4354			
9/22/2021	796					
4/29/2022					669.5	
9/13/2022	739					
9/14/2022		2586	3487	688		480.5
9/15/2022					656.5	
9/6/2023	717		4006			
9/7/2023		2391		786	662	535

Field Temperature



Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

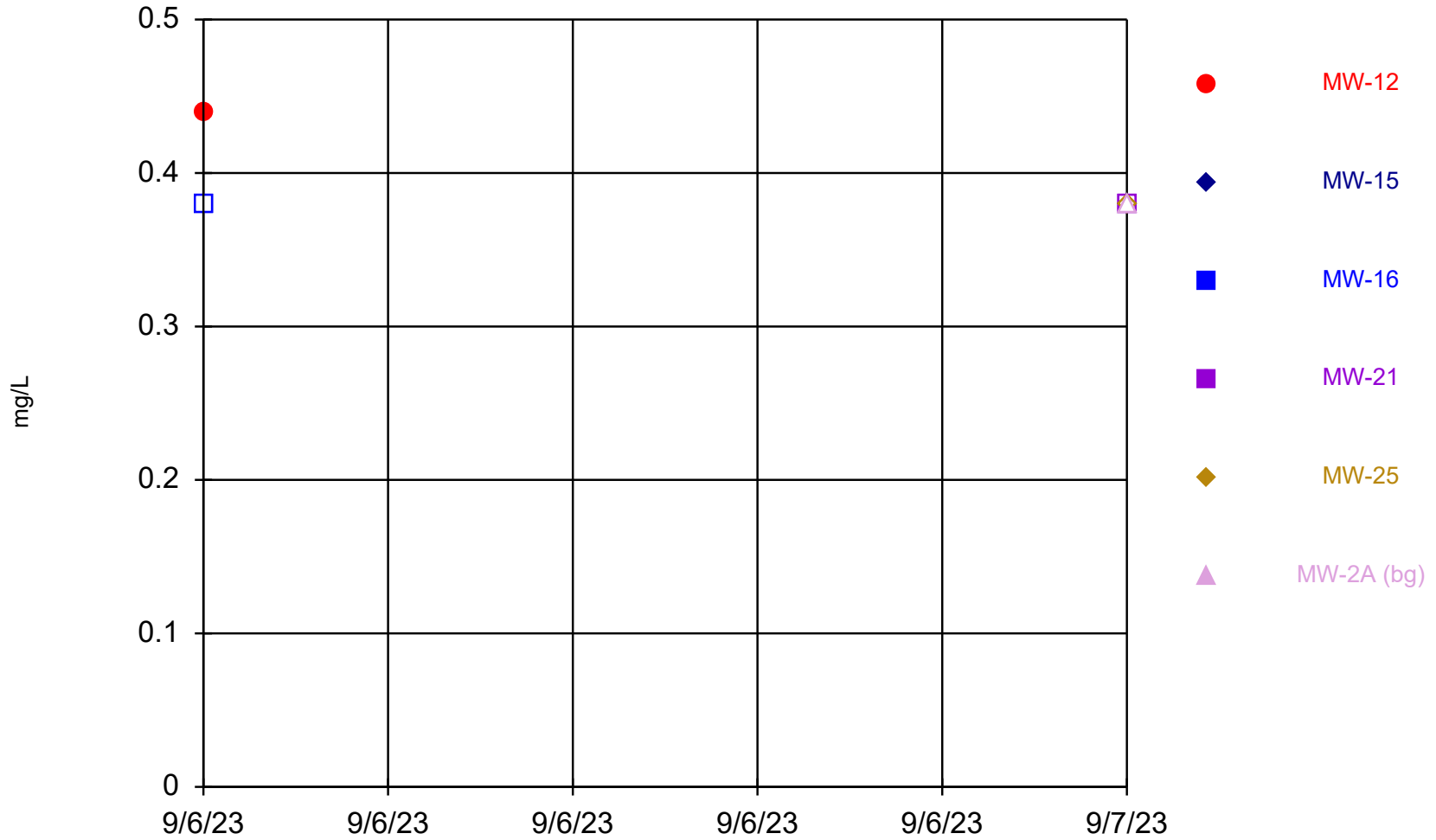
Time Series

Constituent: Field Temperature (deg C) Analysis Run 10/13/2023 8:57 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/22/2016	12.8	13.7	16.4	16	16.9	15.2
9/10/2017	13.6		19.8	16.8	14.4	13.8
9/24/2018	15.2	18	15.5	15.78	17.8	20.5
9/18/2019	18.14		15.1		14.35	
9/19/2019		15.64		13.8		13.84
9/10/2020	11.5					
9/11/2020		12.1				
9/14/2020			15.3		13.4	13.5
9/15/2020				13.6		
9/15/2021						18.6
9/17/2021		15.1				
9/20/2021				17.8		
9/21/2021			17.4			
9/22/2021	14.8					
4/29/2022					11.6	
9/13/2022	13.6					
9/14/2022		14.8	15.6	15.1		14.2
9/15/2022					12.1	
9/6/2023	13.9		13.1			
9/7/2023		13.9		15.2	12.3	17.9

Fluoride



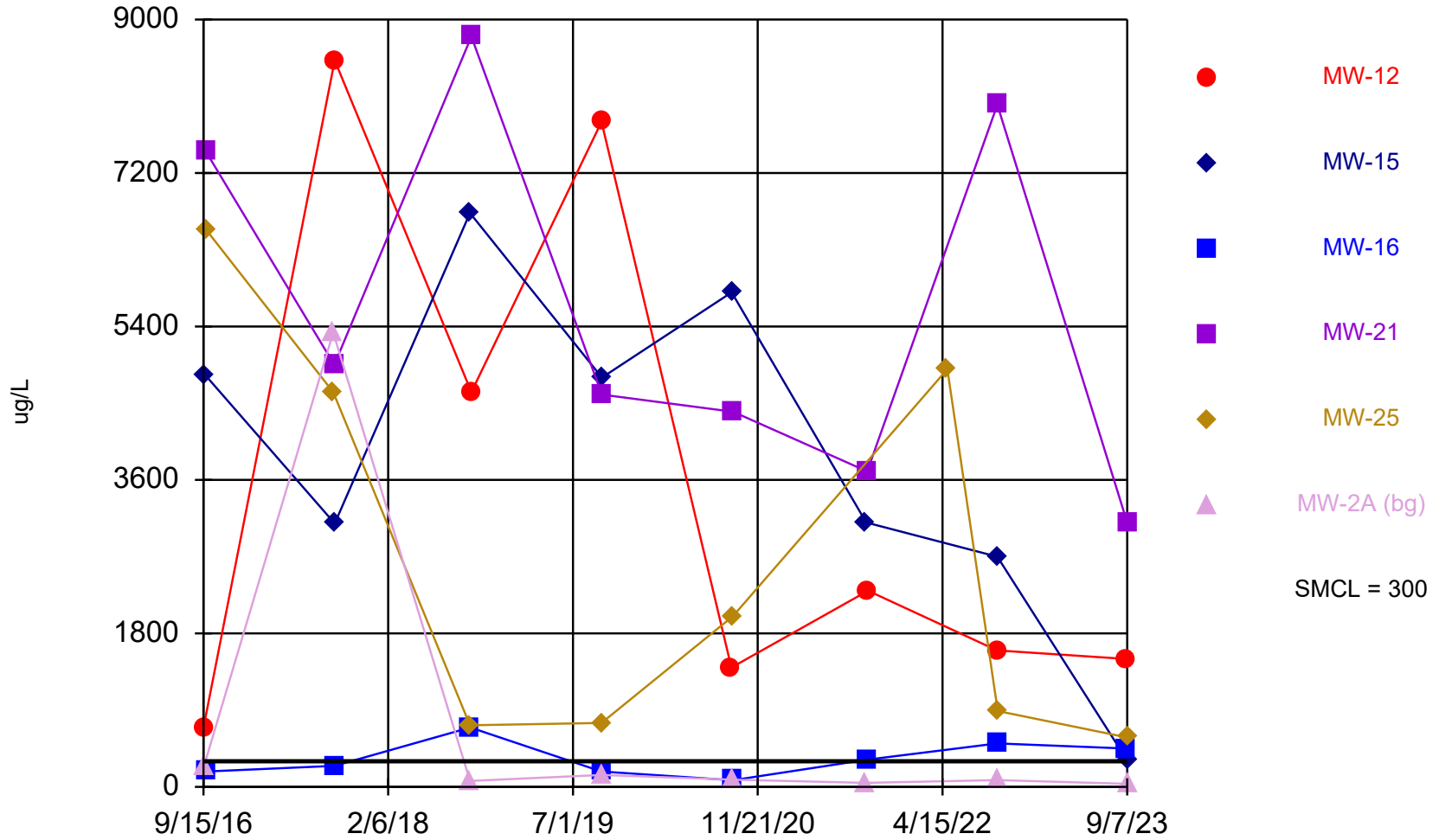
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Fluoride (mg/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/6/2023	0.44 (J)		<0.38 (U)			
9/7/2023		<0.38 (U)		<0.38 (U)	<0.38 (U)	<0.38 (U)

Iron



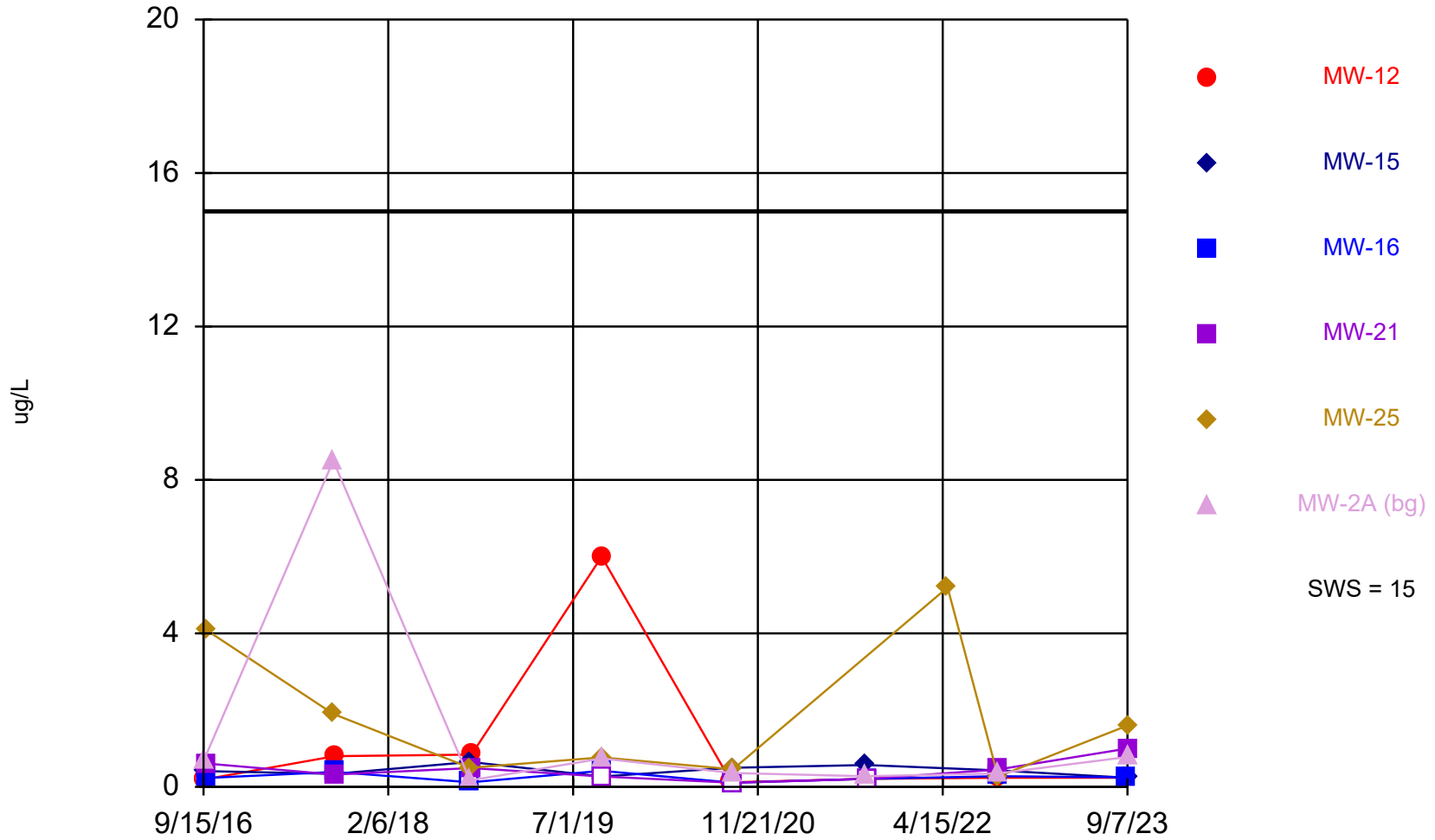
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Iron (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	695					
9/16/2016						240
9/20/2016		4830				
9/21/2016					6540	
9/22/2016			180	7450		
9/8/2017					4630	5330
9/11/2017				4950		
9/12/2017	8520	3090	247			
9/20/2018		6730			722	69.4
9/21/2018			696			
9/24/2018	4630			8800		
9/18/2019	7800		180		750	
9/19/2019		4800		4600		140
9/10/2020	1400					
9/11/2020		5800				
9/14/2020			78 (J)		2000	84 (J)
9/15/2020				4400		
9/15/2021						47 (J)
9/17/2021		3100				
9/20/2021				3700		
9/21/2021			320			
9/22/2021	2300					
4/29/2022					4900	
9/13/2022	1600					
9/14/2022		2700	510	8000		80 (J)
9/15/2022					890	
9/6/2023	1500		450			
9/7/2023		310		3100	580	36 (J)

Lead



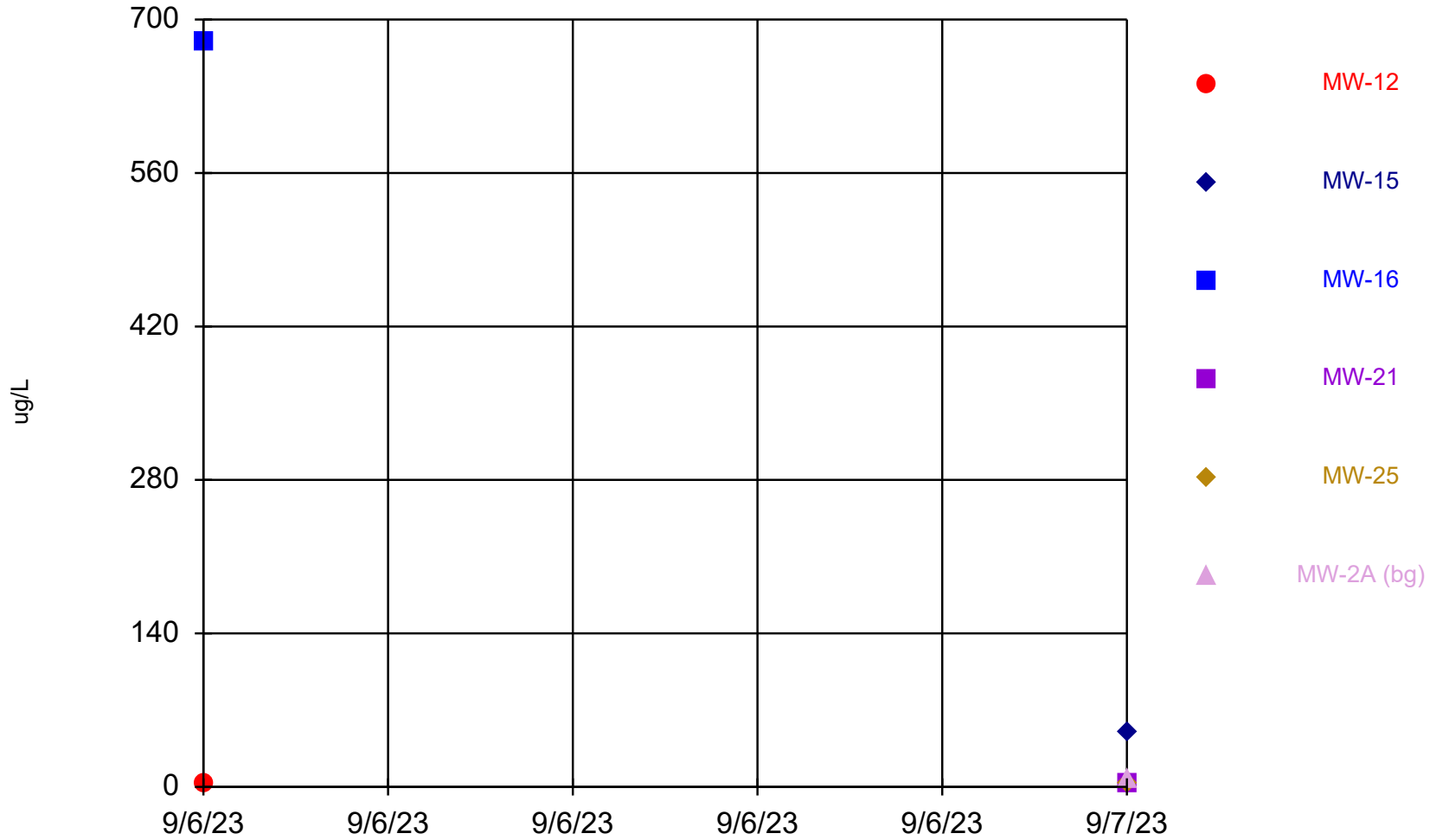
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Lead (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.19					
9/16/2016						0.7 (J)
9/20/2016		0.41 (J)				
9/21/2016					4.1	
9/22/2016			0.23 (J)	0.61 (J)		
9/8/2017					1.9	8.5
9/11/2017				0.32 (J)		
9/12/2017	0.8 (J)	0.34 (J)	0.39 (J)			
9/20/2018		0.65 (J)			0.5 (J)	0.17 (J)
9/21/2018			<0.12			
9/24/2018	0.84 (J)			0.49 (J)		
9/18/2019	6		0.42 (J)		0.77	
9/19/2019		<0.27		<0.27		0.74
9/10/2020	0.12 (J)					
9/11/2020		0.5				
9/14/2020			<0.11		0.46 (J)	0.36 (J)
9/15/2020				<0.11		
9/15/2021						0.28 (J)
9/17/2021		0.57				
9/20/2021				<0.21		
9/21/2021			<0.21			
9/22/2021	<0.21					
4/29/2022					5.2	
9/13/2022	<0.24					
9/14/2022		0.43 (J)	0.28 (J)	0.45 (J)		0.35 (J)
9/15/2022					0.27 (J)	
9/6/2023	<0.24 (U)		0.25 (J)			
9/7/2023		<0.24 (U)		1	1.6	0.78

Lithium



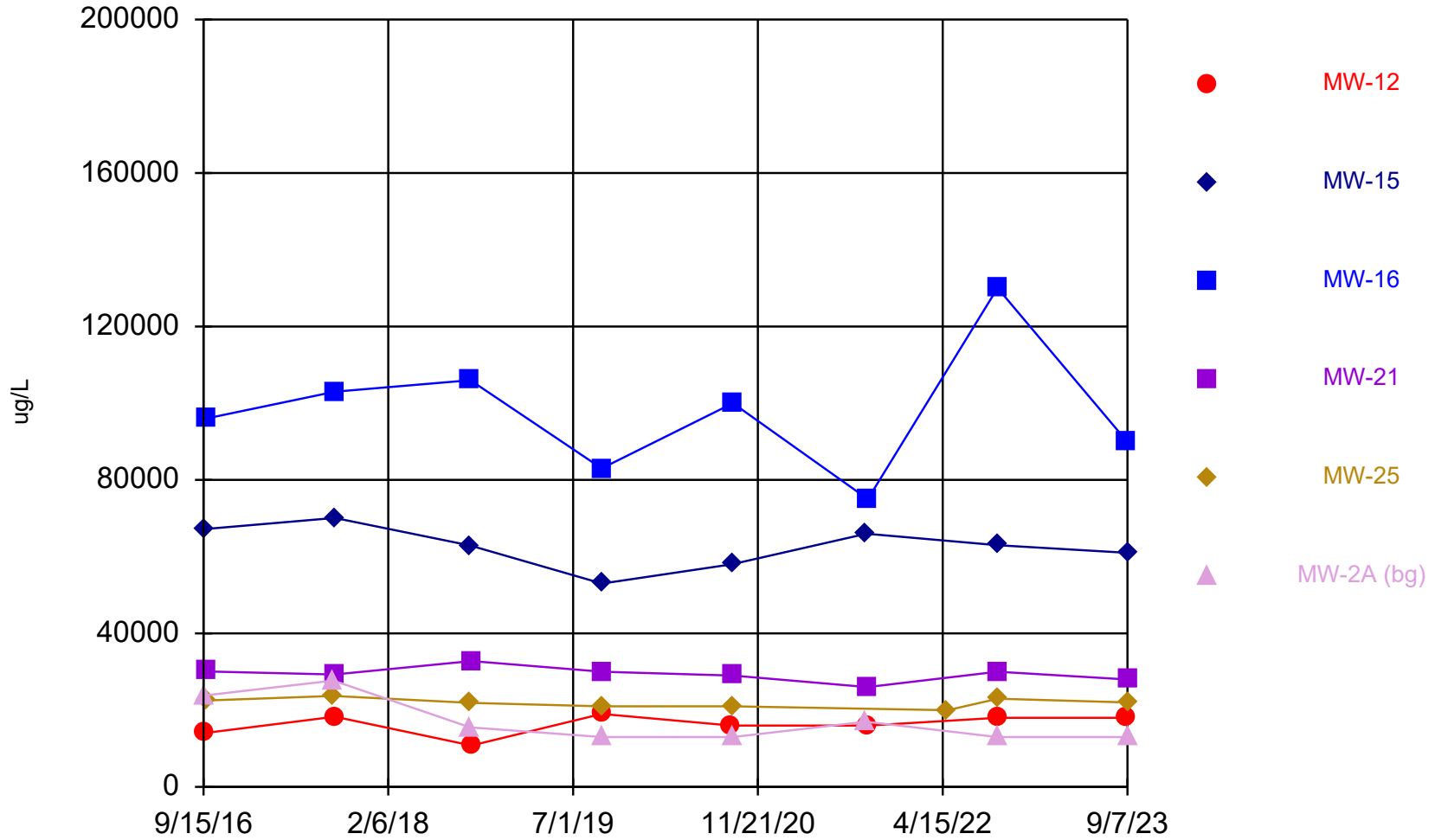
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Lithium (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/6/2023	2.9 (J)		680			
9/7/2023		50		2.9 (J)	2.8 (J)	6 (J)

Magnesium



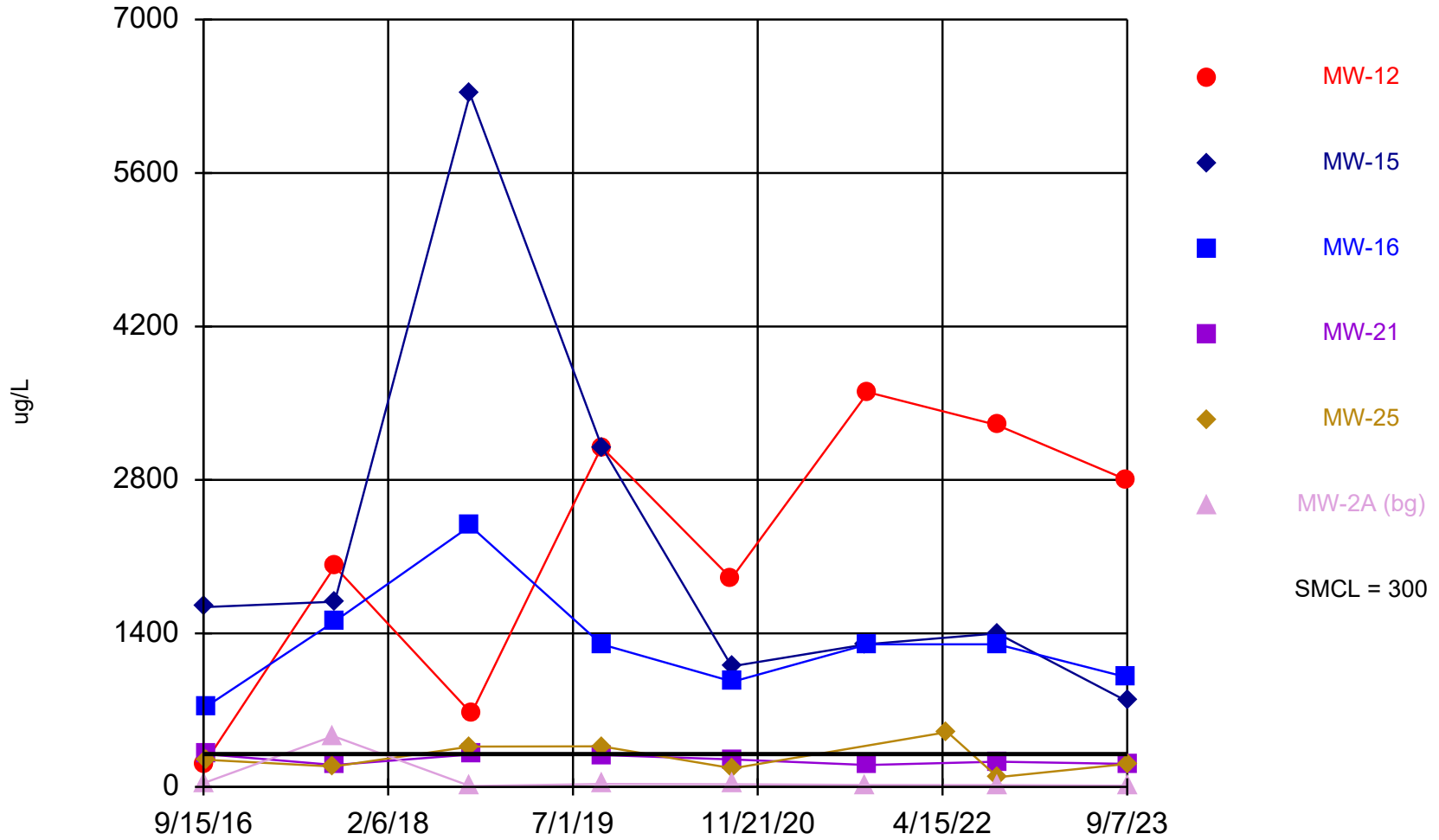
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Magnesium (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	14000					
9/16/2016						23800
9/20/2016		67200				
9/21/2016					22500	
9/22/2016			96000	30100		
9/8/2017					23700	27700
9/11/2017				29300		
9/12/2017	18300	70100	103000			
9/20/2018		62900			21900	15500
9/21/2018			106000			
9/24/2018	10800			32800		
9/18/2019	19000		83000		21000	
9/19/2019		53000		30000		13000
9/10/2020	16000					
9/11/2020		58000				
9/14/2020			100000		21000	13000
9/15/2020				29000		
9/15/2021						17000
9/17/2021		66000				
9/20/2021				26000		
9/21/2021			75000			
9/22/2021	16000					
4/29/2022					20000	
9/13/2022	18000					
9/14/2022		63000	130000	30000		13000
9/15/2022					23000	
9/6/2023	18000		90000			
9/7/2023		61000		28000	22000	13000

Manganese



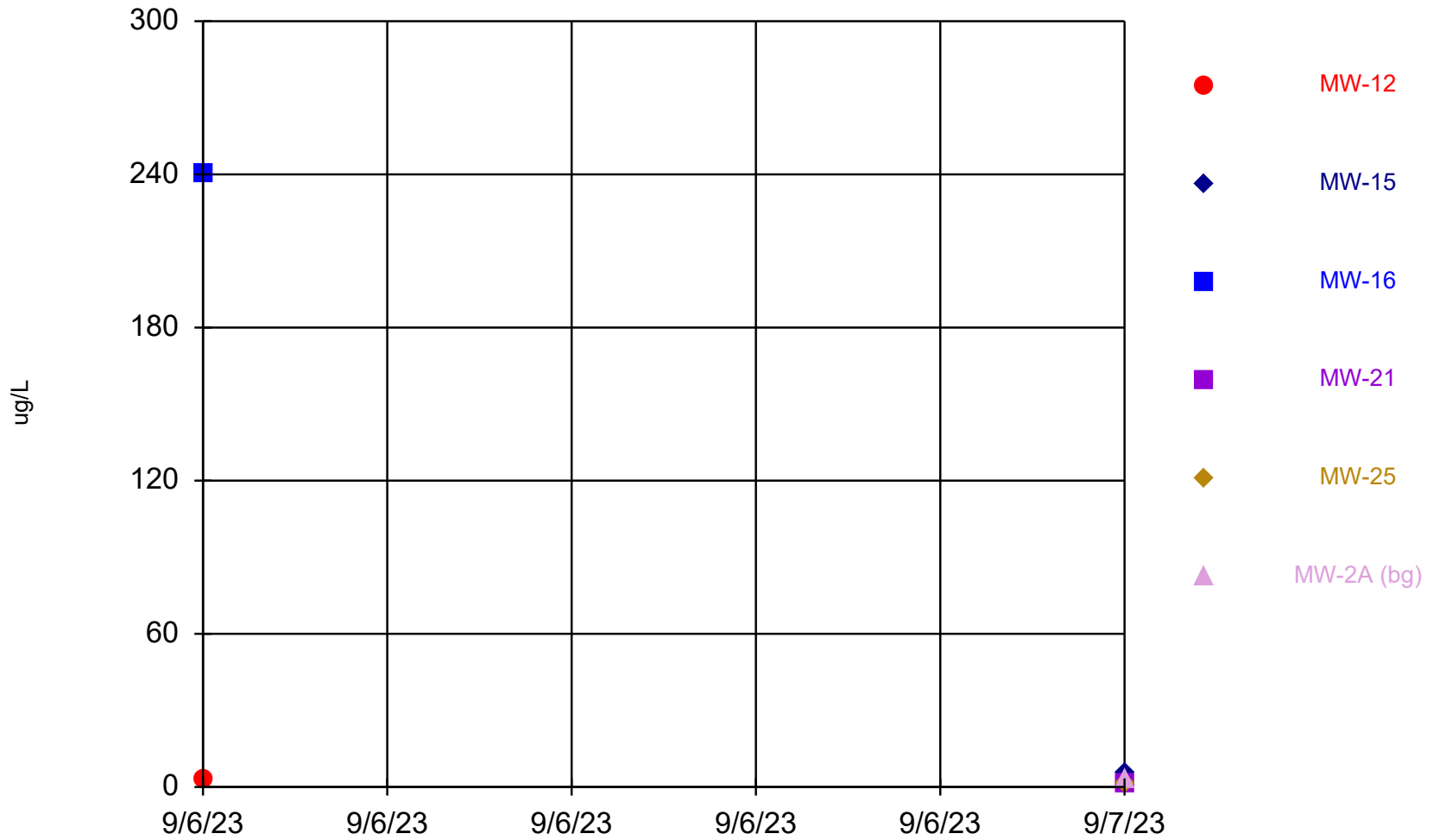
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Manganese (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	201					
9/16/2016						35.6
9/20/2016		1640				
9/21/2016					248	
9/22/2016			731	298		
9/8/2017					186	464
9/11/2017				200		
9/12/2017	2010	1690	1510			
9/20/2018		6320			368	8.2
9/21/2018			2380			
9/24/2018	670			296		
9/18/2019	3100		1300		370	
9/19/2019		3100		290		27
9/10/2020	1900					
9/11/2020		1100				
9/14/2020			960		170	24
9/15/2020				250		
9/15/2021						18
9/17/2021		1300				
9/20/2021				200		
9/21/2021			1300			
9/22/2021	3600					
4/29/2022					500	
9/13/2022	3300					
9/14/2022		1400	1300	230		17
9/15/2022					89	
9/6/2023	2800		1000			
9/7/2023		780		210	210	11

Molybdenum



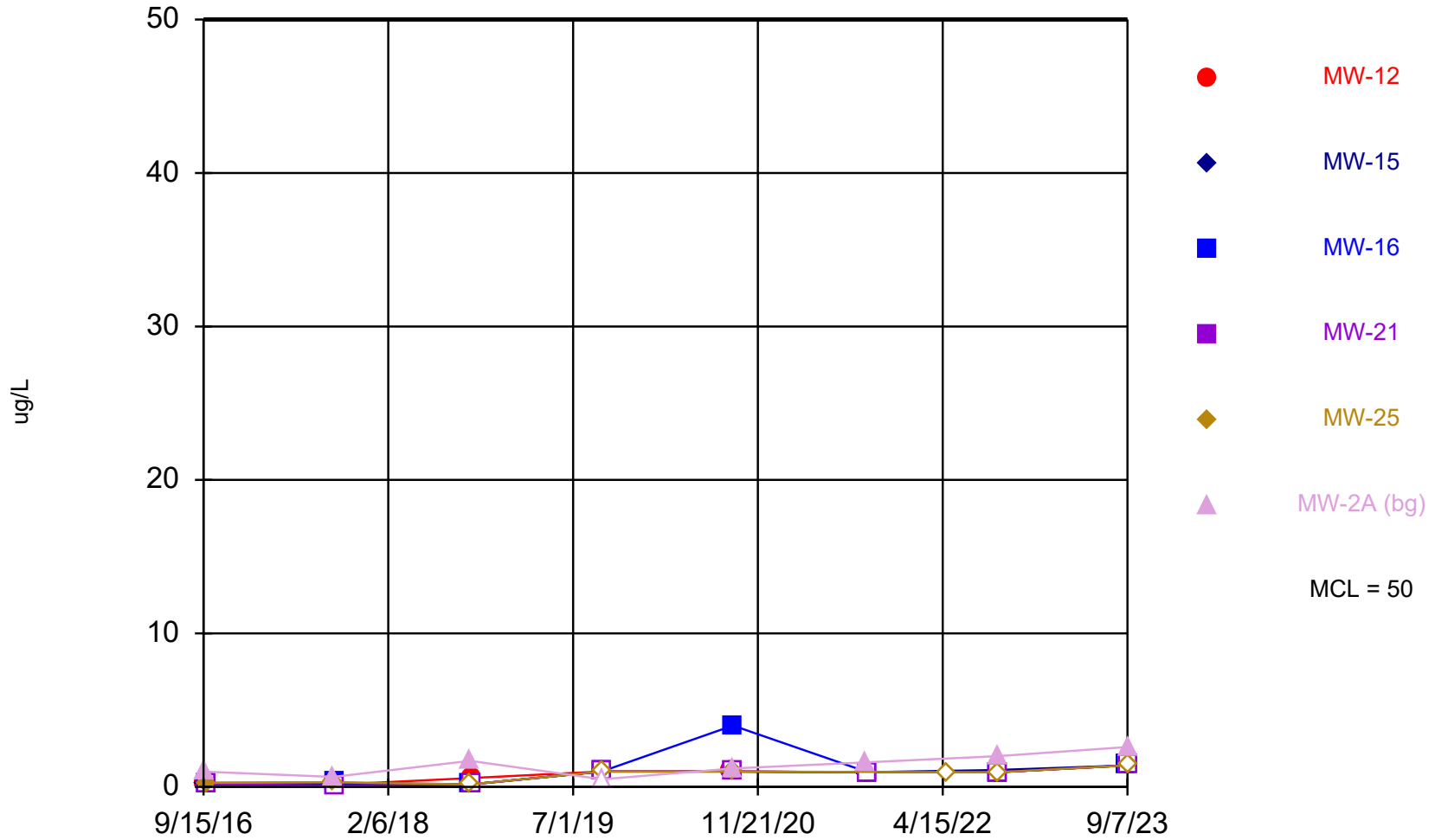
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Molybdenum (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/6/2023	3.1		240			
9/7/2023		5.5		1.1 (J)	<0.91 (U)	2.9

Selenium



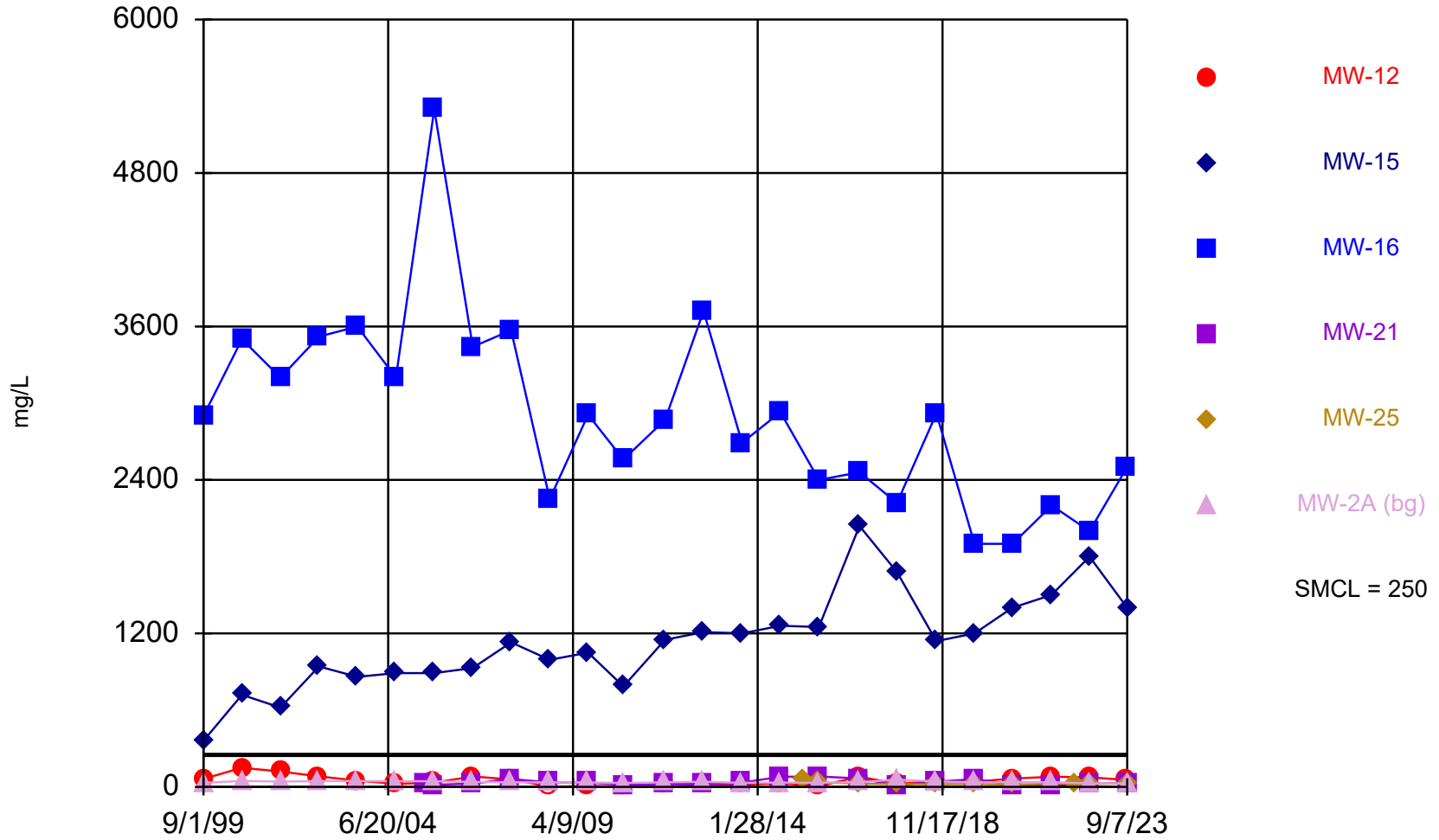
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Selenium (ug/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.18					
9/16/2016						0.99 (J)
9/20/2016		<0.18				
9/21/2016					0.26 (J)	
9/22/2016			0.26 (J)	<0.18		
9/8/2017					0.3 (J)	0.65 (J)
9/11/2017				<0.086		
9/12/2017	0.15 (J)	0.17 (J)	0.28 (J)			
9/20/2018		<0.16			<0.16	1.7
9/21/2018			0.16 (J)			
9/24/2018	0.58 (J)			<0.16		
9/18/2019	<1		<1		<1	
9/19/2019		<1		<1		<1
9/10/2020	<1					
9/11/2020		<1				
9/14/2020			4 (J)		<1	1.2 (J)
9/15/2020				<1		
9/15/2021						1.6 (J)
9/17/2021		<0.96				
9/20/2021				<0.96		
9/21/2021			<0.96			
9/22/2021	<0.96					
4/29/2022					<0.96	
9/13/2022	<0.96					
9/14/2022		1.1 (J)	<0.96	<0.96		2 (J)
9/15/2022					<0.96	
9/6/2023	<1.4 (U)		<1.4 (U)			
9/7/2023		<1.4 (U)		<1.4 (U)	<1.4 (U)	2.6 (J)

Sulfate



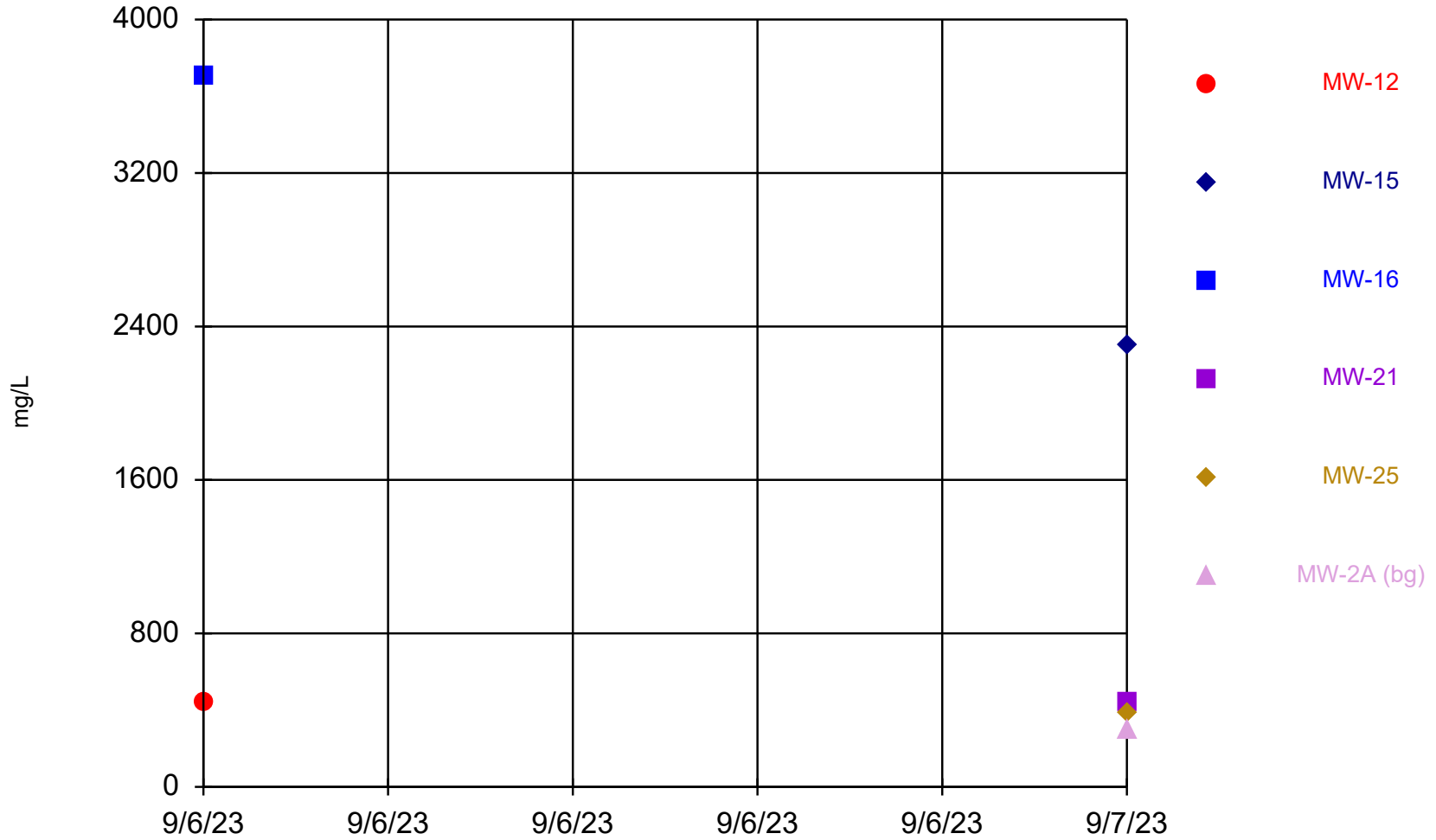
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Sulfate (mg/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/1/1999	63	360	2900			32
9/1/2000	150	720	3500			47
9/1/2001	120	620	3200			41
9/1/2002	82.5	942	3520			45.6
9/1/2003	49	860	3600			46
9/1/2004	24	890	3200			44
6/1/2005				19		
9/1/2005	34	890	5300	16		44
9/1/2006	81	930	3440	26.3		37.7
9/1/2007	58.3	1130	3570	62.2		36.2
9/1/2008	<2	994	2250	34.8		34.4
9/1/2009	7.88	1050	2910	33.9		34.7
8/1/2010	2.14	786	2560	15.4		30.8
9/1/2011	24.8	1150	2870	21.9		36
9/1/2012	21.8	1210	3720	17.8		40.2
9/1/2013	16.9	1200	2690	34.2		31.2
9/1/2014	29.2	1260	2930	79.6		33.3
4/1/2015					56.2	
9/1/2015	4.4	1250	2400	81.6	35.4	32.4
9/15/2016	80.6					
9/16/2016						37.4
9/20/2016		2040				
9/21/2016					25.6	
9/22/2016			2460	66.7		
9/8/2017					21.4	56.9
9/11/2017				10.7		
9/12/2017	25.7	1680	2220			
9/20/2018		1140			20.3	43.6
9/21/2018			2920			
9/24/2018	42.8			41.3		
9/18/2019	40		1900		23	
9/19/2019		1200		61		35
9/10/2020	65					
9/11/2020		1400				
9/14/2020			1900		17	37
9/15/2020				16		
9/15/2021						37
9/17/2021		1500				
9/20/2021				13		
9/21/2021			2200			
9/22/2021	79					
4/29/2022					28	
9/13/2022	75					
9/14/2022		1800	2000	24		27
9/15/2022					22	
9/6/2023	54		2500			
9/7/2023		1400		33	27	28

Total Dissolved Solids



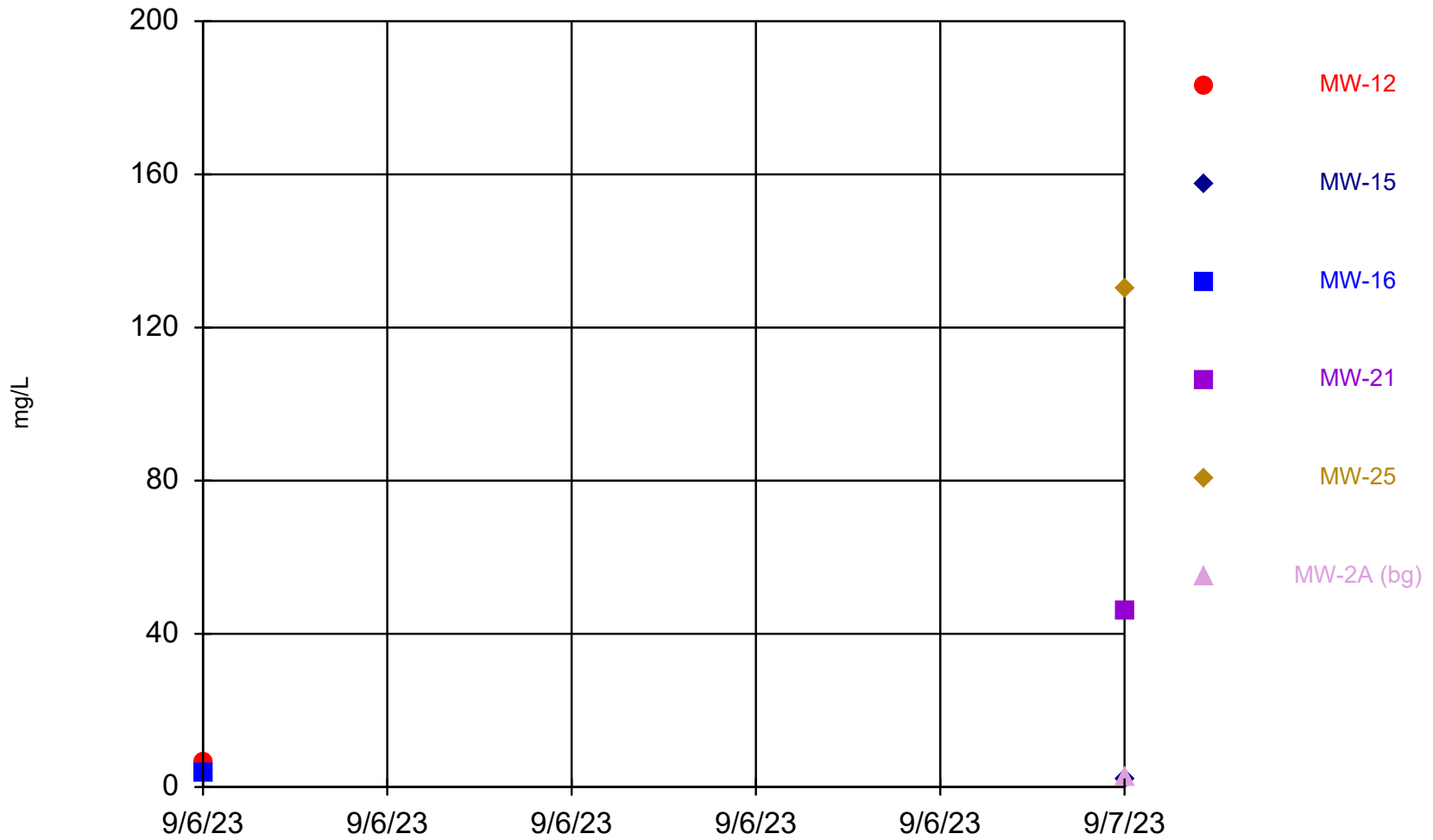
Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/6/2023	440		3700			
9/7/2023		2300		440	380	300

Total Suspended Solids



Time Series Analysis Run 10/13/2023 8:56 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

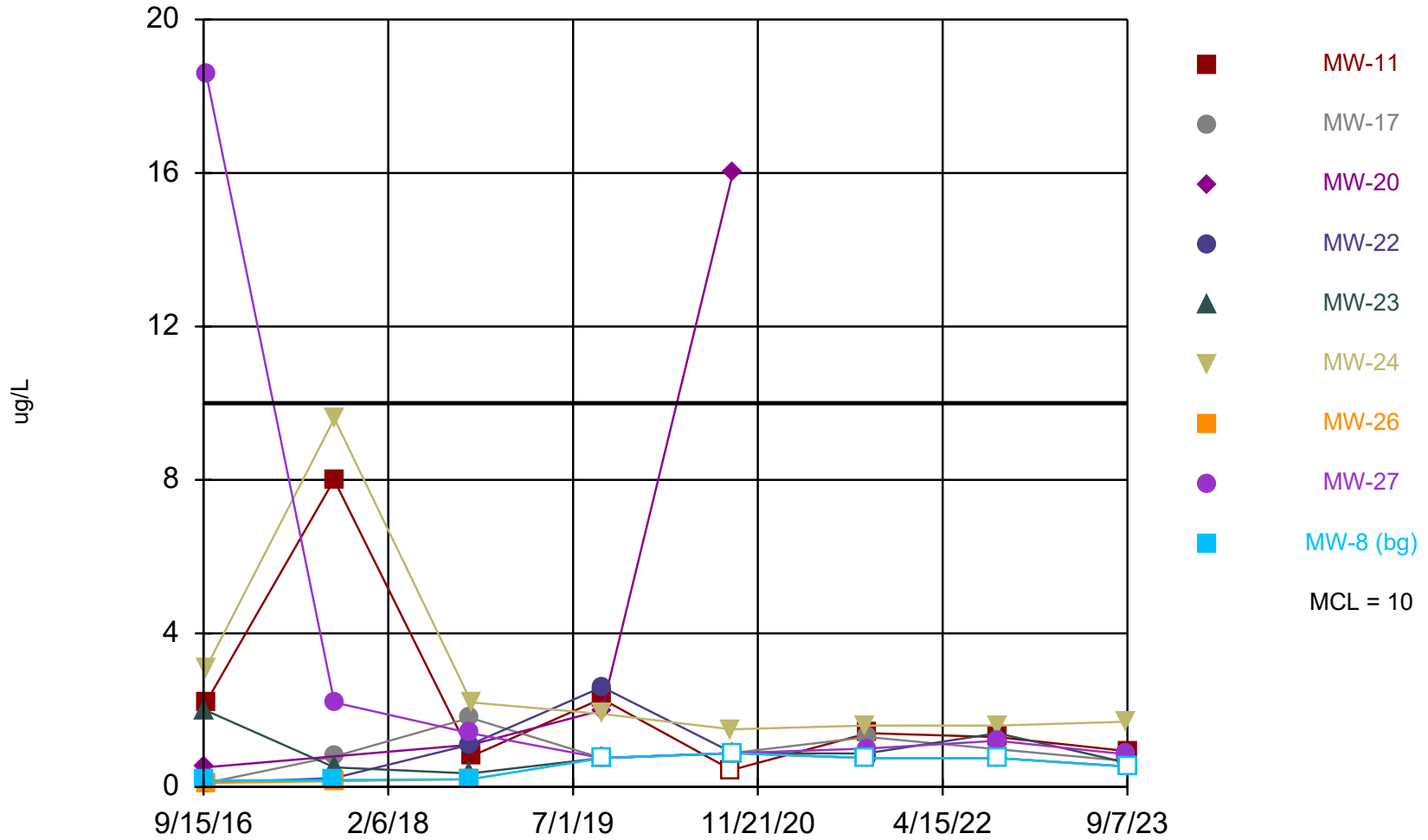
Constituent: Total Suspended Solids (mg/L) Analysis Run 10/13/2023 8:57 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/6/2023	6.3		3.8			
9/7/2023		2		46	130	2.4

Attachment E2

Times Series Graphs – Deep Unit

Arsenic



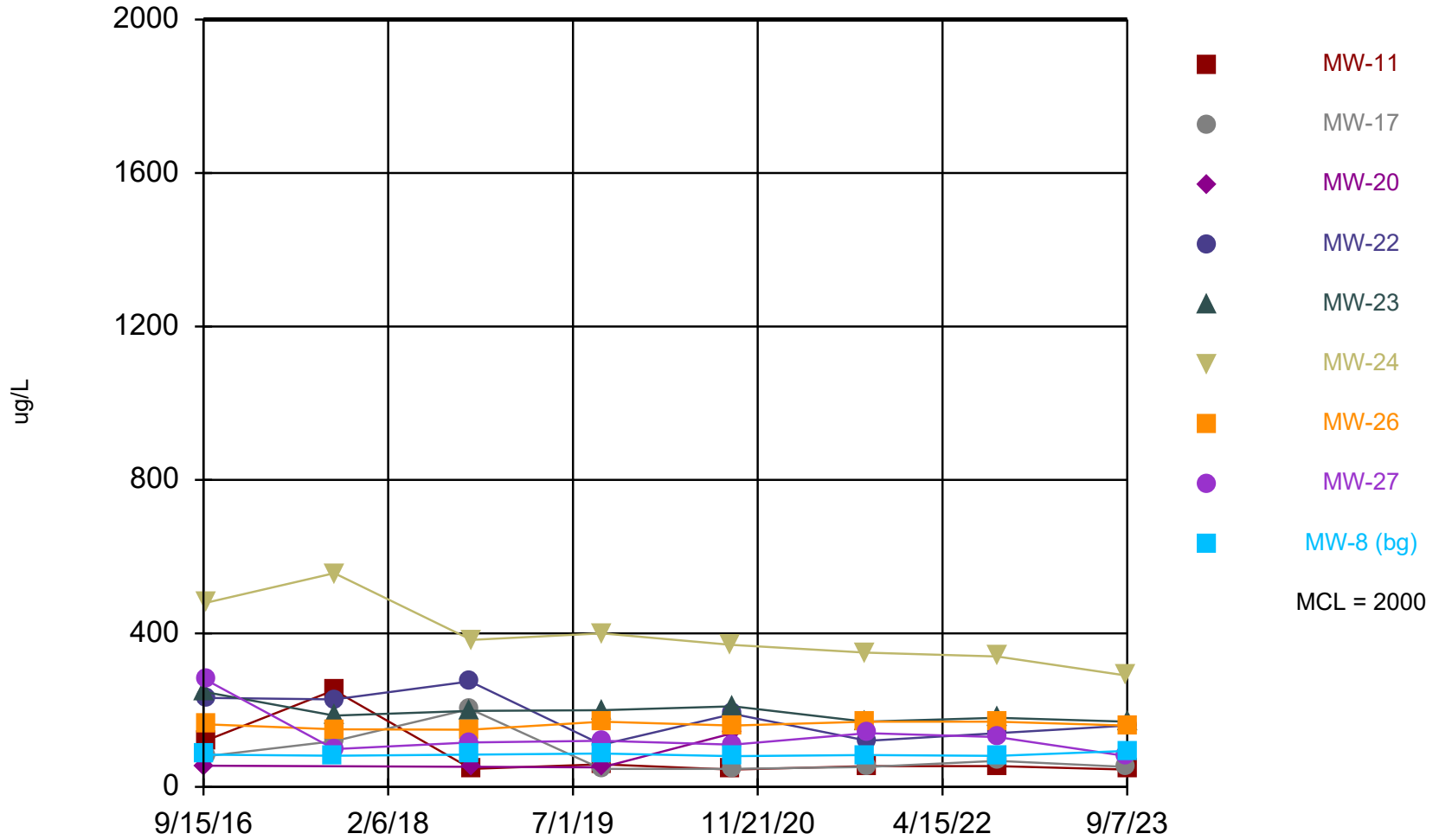
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Arsenic (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									0.17 (J)
9/19/2016			0.51 (J)						
9/20/2016					2				
9/21/2016							0.11 (J)		
9/22/2016	2.2	<0.1		<0.1		3.1		18.6	
9/9/2017									0.18 (J)
9/10/2017	8	0.79 (J)							
9/11/2017				0.23 (J)	0.51 (J)	9.6	0.15 (J)	2.2	
9/20/2018		1.8		1.1	0.35 (J)				0.2 (J)
9/21/2018							0.2 (J)	1.4	
9/24/2018	0.8 (J)		1.1			2.2			
9/18/2019	2.3	<0.75			<0.75				
9/19/2019			2	2.6		1.9 (J)	<0.75	<0.75	<0.75
9/10/2020	<0.88					1.5 (J)			
9/11/2020		<0.88							<0.88
9/14/2020			16				<0.88	<0.88	
9/15/2020				<0.88	<0.88				
9/15/2021					0.87 (J)				
9/16/2021						1.6 (J)	<0.75		<0.75
9/20/2021								1 (J)	
9/21/2021		1.3 (J)		<0.75					
9/22/2021	1.4 (J)								
9/13/2022	1.3 (J)					1.6 (J)			
9/14/2022		0.98 (J)		<0.75	1.4 (J)		<0.75	1.2 (J)	<0.75
9/6/2023		0.67 (J)				1.7 (J)		0.85 (J)	
9/7/2023	0.93 (J)			<0.53 (U)	0.63 (J)		<0.53 (U)		<0.53 (U)

Barium



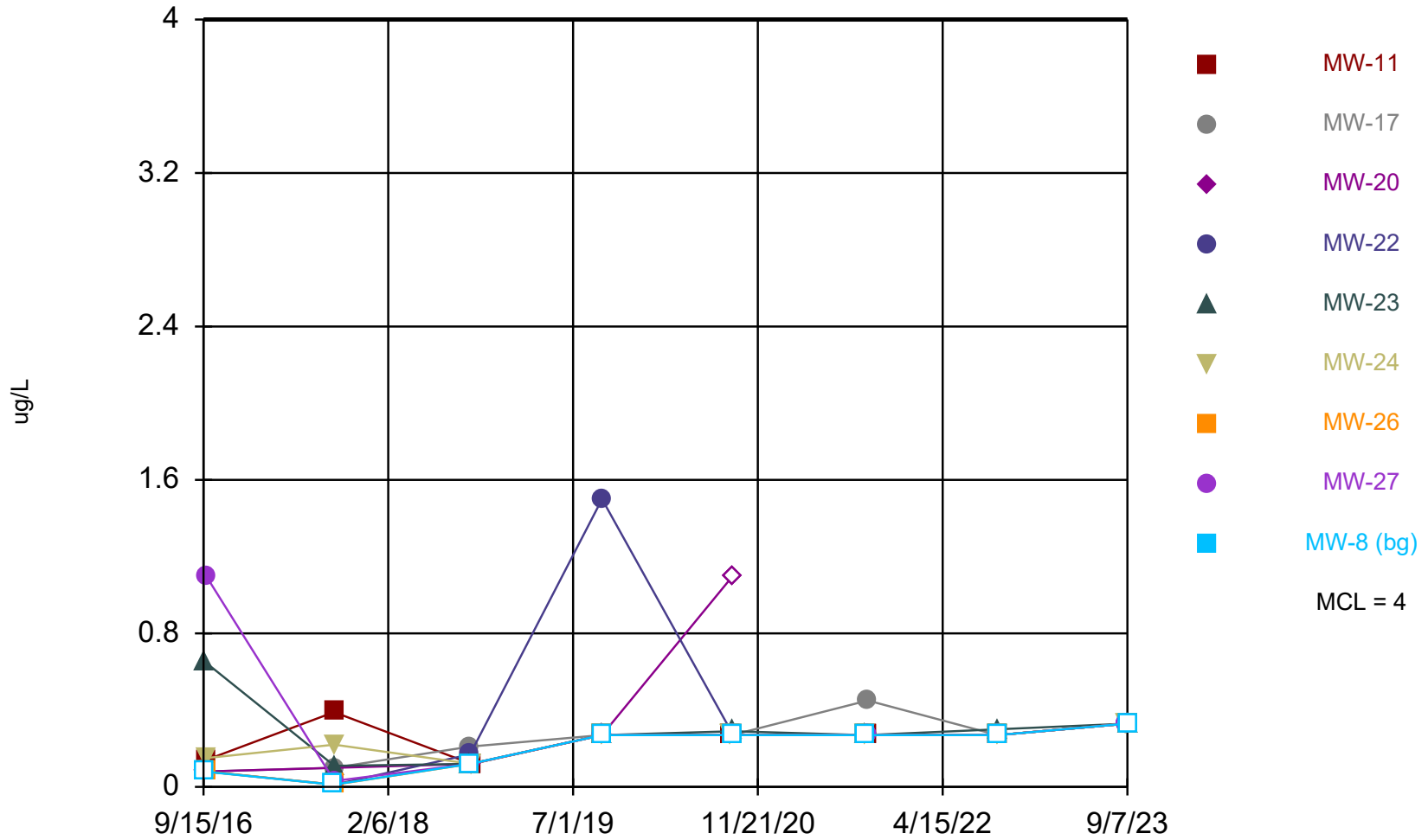
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Barium (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									84.2
9/19/2016			55.3						
9/20/2016					247				
9/21/2016							163		
9/22/2016	121	79.6		232		480		279	
9/9/2017									81.2
9/10/2017	252	119							
9/11/2017				228	186	557	150	98.4	
9/20/2018		203		275	198				84.1
9/21/2018							149	116	
9/24/2018	46.9		52.5			383			
9/18/2019	59	47			200				
9/19/2019			51	110		400	170	120	87
9/10/2020	45					370			
9/11/2020		47							80
9/14/2020			140				160	110	
9/15/2020				190	210				
9/15/2021					170				
9/16/2021						350	170		83
9/20/2021								140	
9/21/2021		52		120					
9/22/2021	54								
9/13/2022	54 (B)					340 (B)			
9/14/2022		68 (B)		140 (B)	180 (B)		170 (B)	130 (B)	81 (B)
9/6/2023		52				290		80	
9/7/2023	45			160	170		160		94

Beryllium



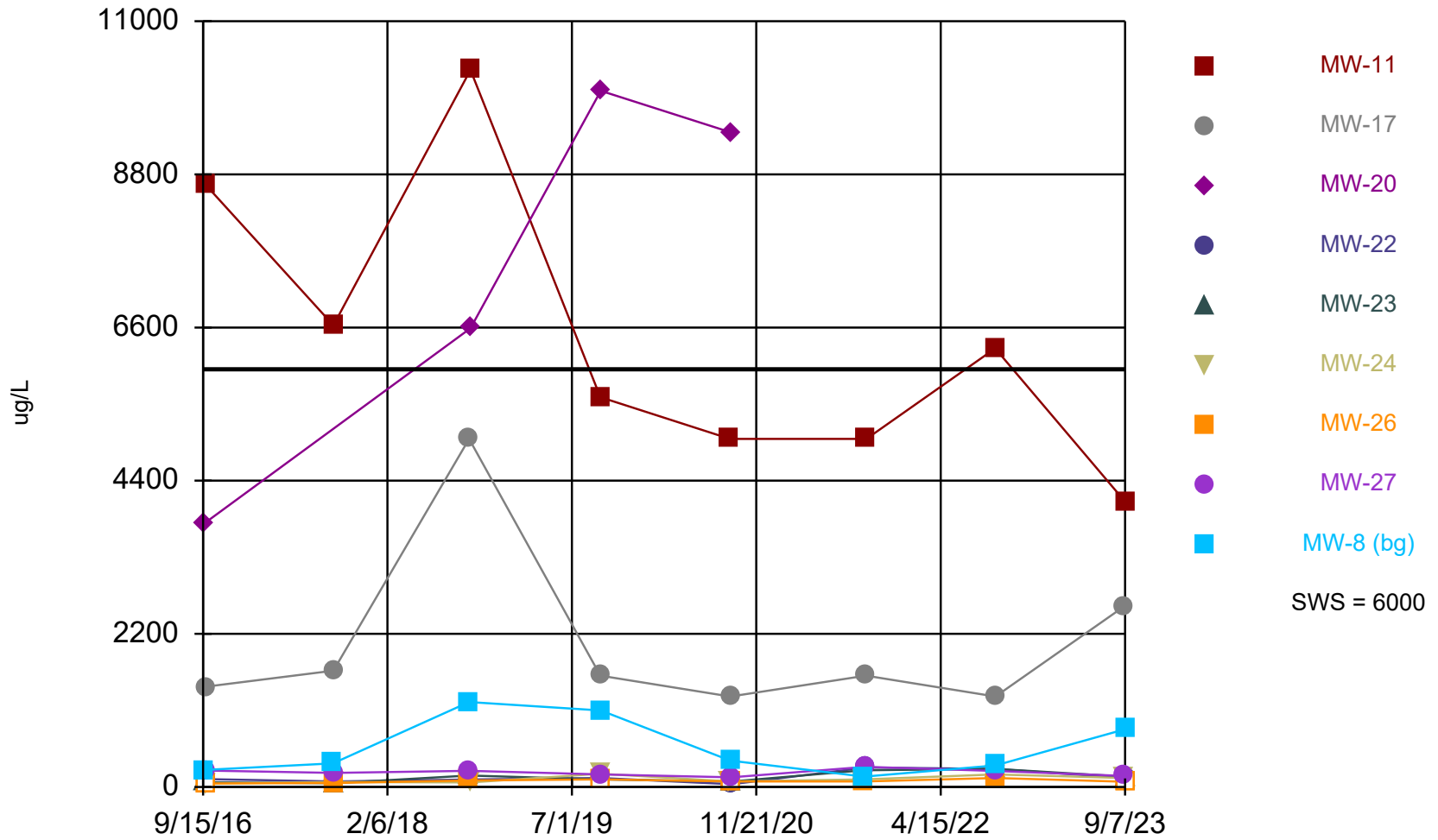
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Beryllium (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									<0.08
9/19/2016			<0.08						
9/20/2016					0.65				
9/21/2016							<0.08		
9/22/2016	0.14 (J)	<0.08		<0.08		0.15 (J)		1.1 (J)	
9/9/2017									<0.012
9/10/2017	0.39 (J)	0.1 (J)							
9/11/2017				<0.012	0.11 (J)	0.22 (J)	<0.012	0.031 (J)	
9/20/2018		0.21 (J)		0.17 (J)	<0.12				<0.12
9/21/2018							<0.12	<0.12	
9/24/2018	<0.12		<0.12			<0.12			
9/18/2019	<0.27	<0.27			<0.27				
9/19/2019			<0.27	1.5		<0.27	<0.27	<0.27	<0.27
9/10/2020	<0.27					<0.27			
9/11/2020		<0.27							<0.27
9/14/2020			<1.1				<0.27	<0.27	
9/15/2020				<0.27	0.29 (J)				
9/15/2021					<0.27				
9/16/2021						<0.27	<0.27		<0.27
9/20/2021								<0.27	
9/21/2021		0.45 (J)		<0.27					
9/22/2021	<0.27								
9/13/2022	<0.27					<0.27			
9/14/2022		<0.27		<0.27	0.3 (J)		<0.27	<0.27	<0.27
9/6/2023		<0.33 (U)				<0.33 (U)		<0.33 (U)	
9/7/2023	<0.33 (U)			<0.33 (U)	<0.33 (U)		<0.33 (U)		<0.33 (U)

Boron



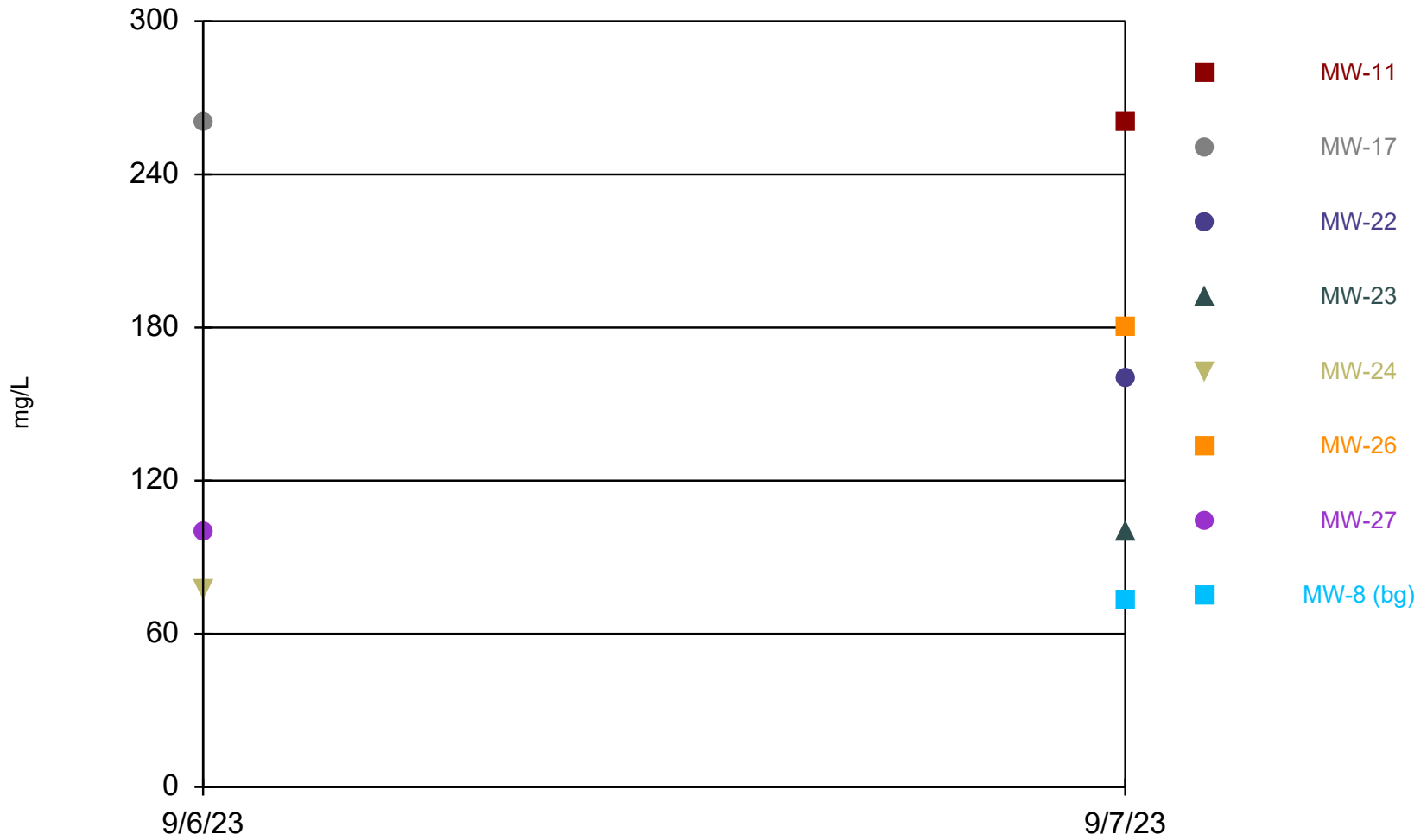
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Boron (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									244
9/19/2016			3790						
9/20/2016					66.8 (J)				
9/21/2016							<50		
9/22/2016	8650	1440		114		<50		237	
9/9/2017									339
9/10/2017	6630	1670							
9/11/2017				79.2 (J)	53.6 (J)	72.7 (J)	58.3 (J)	203	
9/20/2018		5000		108	165				1220
9/21/2018							94.5 (J)	232	
9/24/2018	10300		6590			65.7 (J)			
9/18/2019	5600	1600			<110				
9/19/2019			10000	130 (J)		190 (J)	<110	180 (J)	1100
9/10/2020	5000					<80			
9/11/2020		1300							380
9/14/2020			9400				<80	140	
9/15/2020				<80	<80				
9/15/2021					240				
9/16/2021						110	80 (J)		150
9/20/2021								290	
9/21/2021		1600		280					
9/22/2021	5000								
9/13/2022	6300					180			
9/14/2022		1300		260	260		130	230	310
9/6/2023		2600				130		160	
9/7/2023	4100			130	150		<76 (U)		830

Calcium



Time Series Analysis Run 10/13/2023 9:14 AM View: Deep

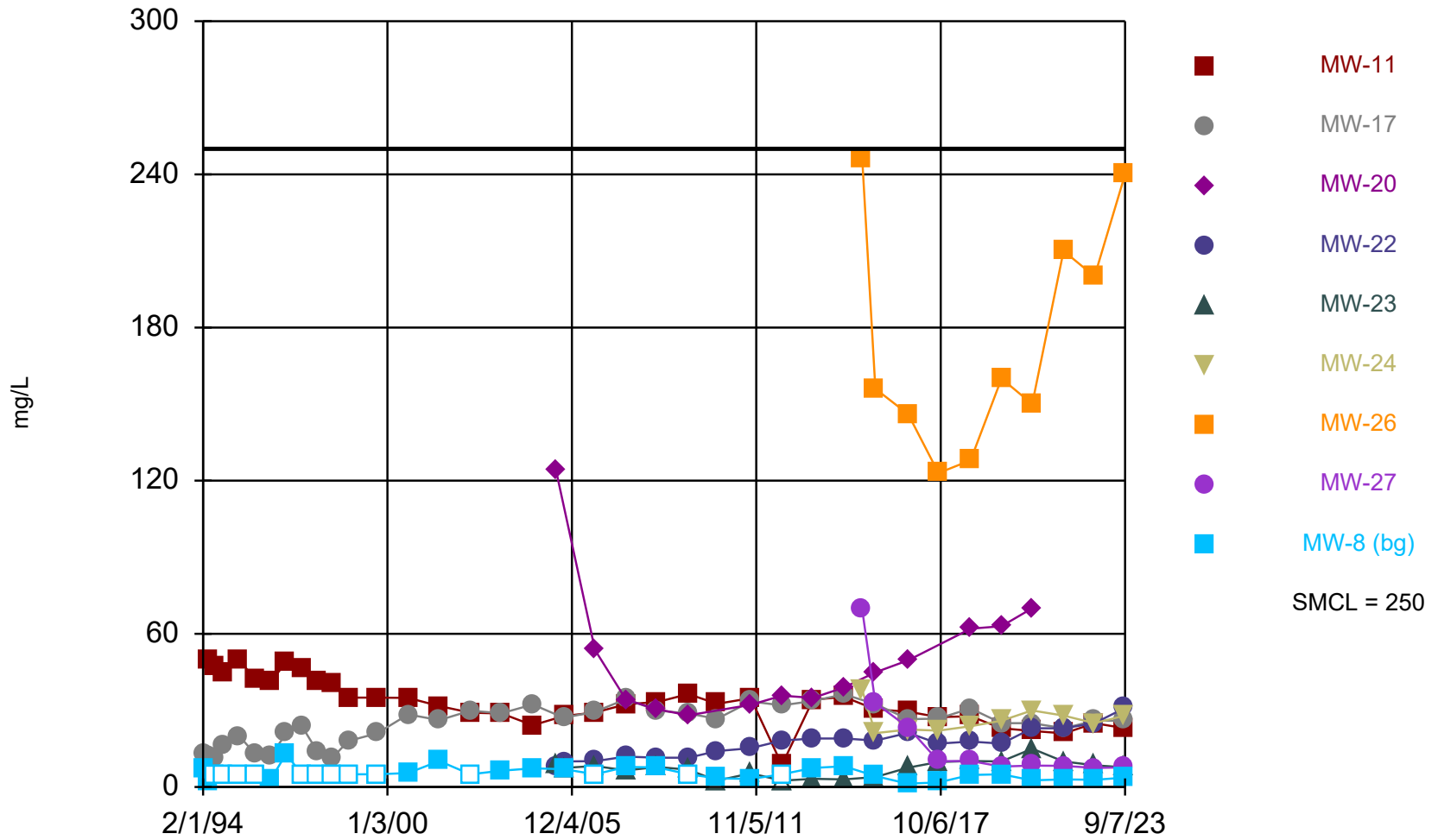
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Calcium (mg/L) Analysis Run 10/13/2023 9:15 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/6/2023		260			77		100	
9/7/2023	260		160	100		180		73

Chloride



Time Series Analysis Run 10/13/2023 9:14 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Chloride (mg/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

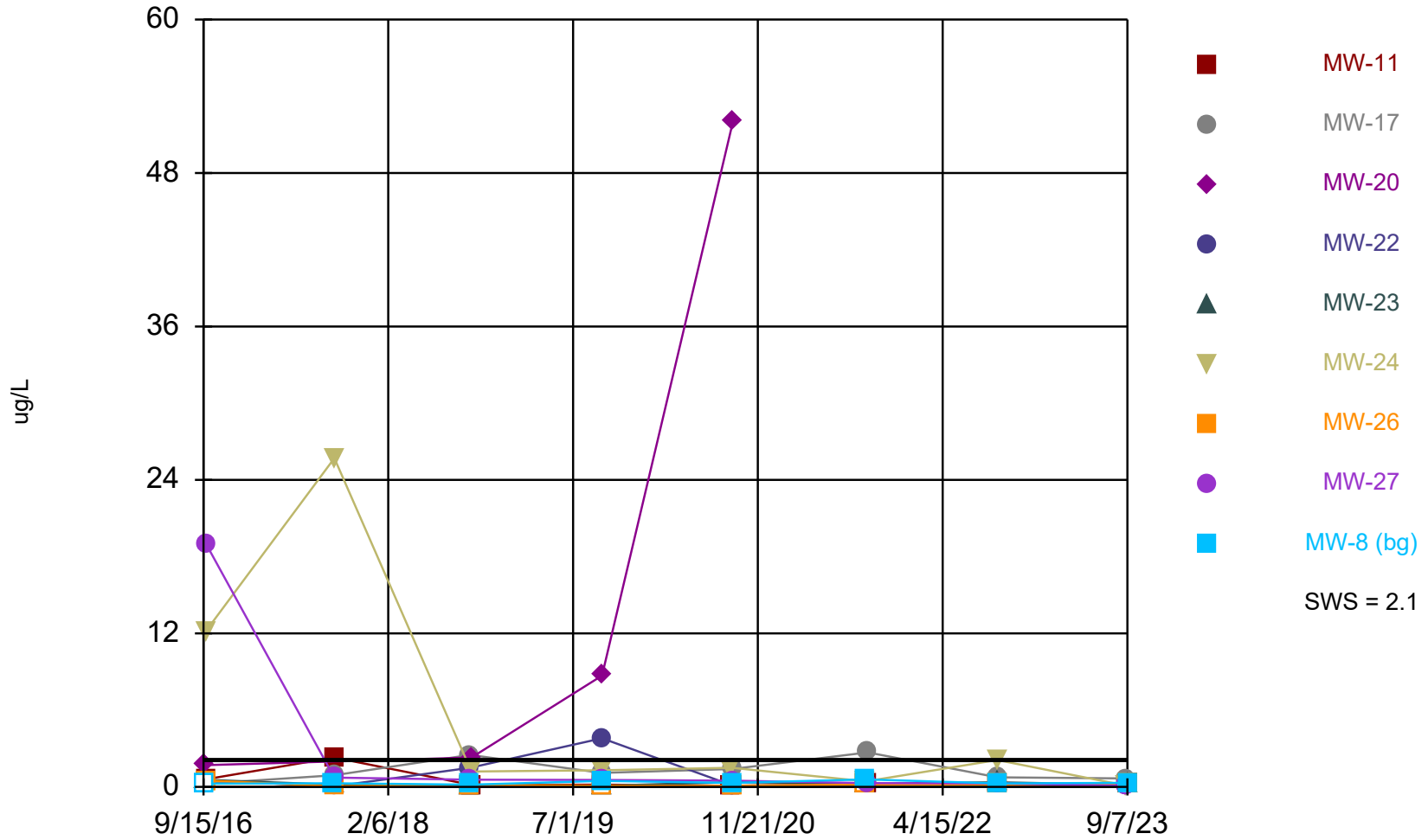
	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
2/1/1994		13							7
4/1/1994	50	12							2
7/1/1994	47	11							<5
10/1/1994	45	16							<5
4/1/1995	50	20							<5
10/1/1995	42	13							<5
4/1/1996	41	12							2.8
10/1/1996	49	21							13
4/1/1997	46	24							<5
10/1/1997	41	14							<5
4/1/1998	40.7	11.6							<5
10/1/1998	35	18							<5
9/1/1999	35	21							<5
9/1/2000	34.9	28.4							5.5
9/1/2001	31.7	26.2							10.2
9/1/2002	29.1	29.9							<5
9/1/2003	28.8	28.9							6.4
9/1/2004	24.2	32.3							7.3
6/1/2005			124	8.1	9				
9/1/2005	27.8	27.1		10	7.5				7
9/1/2006	29.2	29.5	53.7	10.1	8.23				<5
9/1/2007	32.4	34.4	34.2	11.9	6.49				7.85
9/1/2008	33.3	30	30.4	11.5	7.83				7.7
9/1/2009	36.4	28.8	28.1	11.5	6.78				<5
8/1/2010	32.6	26.7		14.1	<5				3.44
9/1/2011	34.8	33.5	32.2	15.2	5.38				3.12
9/1/2012	8.64	32	35.8	18.2	<5				<5
9/1/2013	34.2	33.7	34.9	19	3.2				7.5
9/1/2014	35.3	36.3	39	19	3				8.1
4/1/2015						37.9	246	69.5	
9/1/2015	30.4	32.5	44.9	18.2	3.9	21.1	156	32.9	4.3
9/15/2016									1.3
9/19/2016			49.6						
9/20/2016					7.6				
9/21/2016							146		
9/22/2016	29.5	26.6		21.2		22.5		23.3	
9/9/2017									1.8
9/10/2017	27.4	26.8							
9/11/2017				17	9.8	22.1	123	10.1	
9/20/2018		30.8		17.8	10.2				4.7
9/21/2018							128	10.2	
9/24/2018	27.7		62			23.8			
9/18/2019	23	25			10				
9/19/2019			63	17		26	160	8	5
9/10/2020	22					30			
9/11/2020		25							2.6 (J)
9/14/2020			70				150	8.4	
9/15/2020				23	15				
9/15/2021					10				
9/16/2021						28	210		3 (J)
9/20/2021								8.3	
9/21/2021		23		23					

Time Series

Constituent: Chloride (mg/L) Analysis Run 10/13/2023 9:15 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/22/2021	21								
9/13/2022	25					25			
9/14/2022		26		25	8.5		200	7.5	2.8 (J)
9/6/2023		26				28		7.7	
9/7/2023	23			31	7.7		240		3.7 (J)

Cobalt



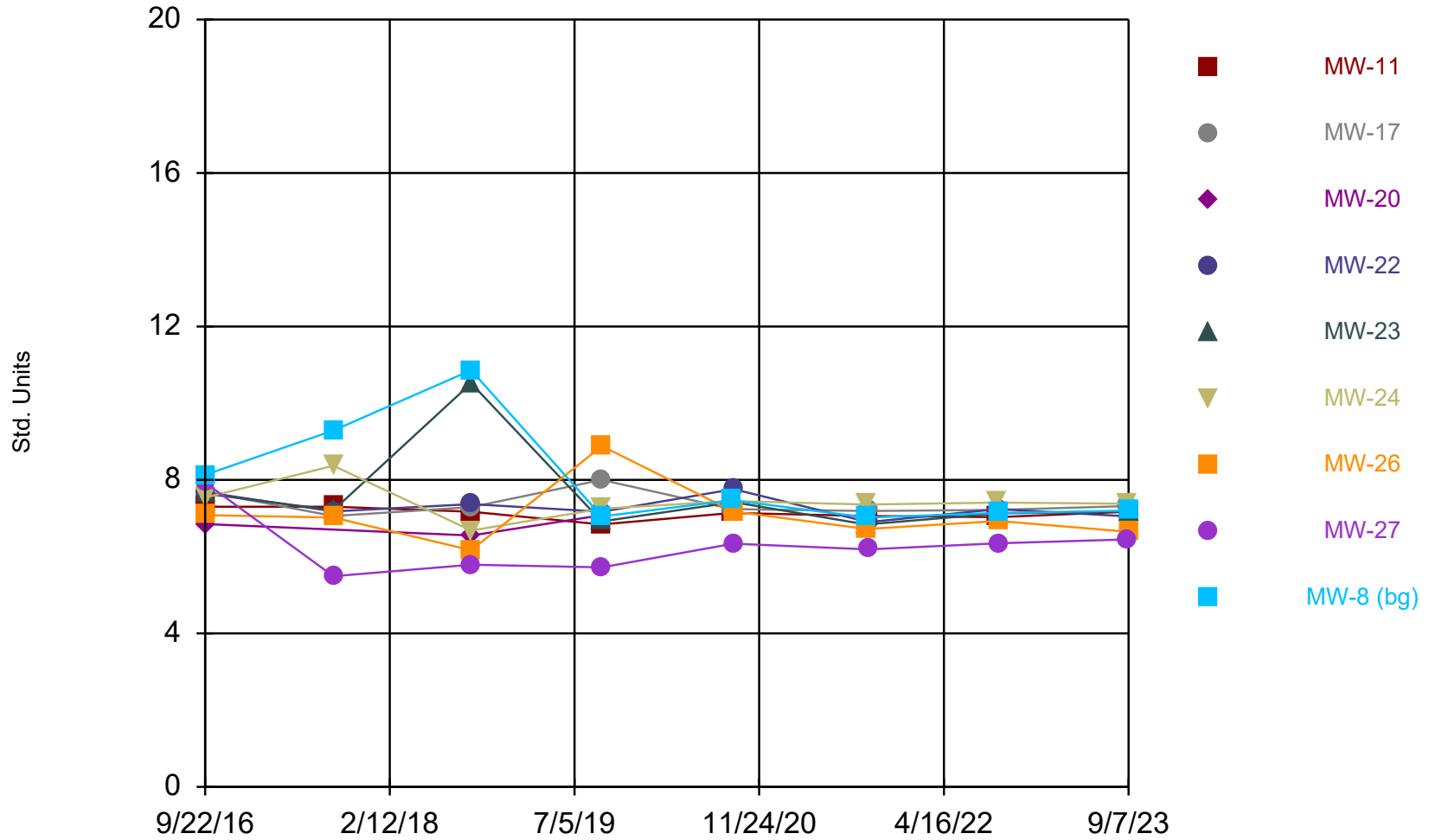
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Cobalt (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									<0.5
9/19/2016			1.7						
9/20/2016					0.55 (J)				
9/21/2016							<0.5		
9/22/2016	0.6 (J)	<0.5		<0.5		12.2		19	
9/9/2017									0.28 (J)
9/10/2017	2.3	0.91 (J)							
9/11/2017				0.047 (J)	0.17 (J)	25.7	0.055 (J)	0.73 (J)	
9/20/2018		2.5		1.5	<0.15				0.17 (J)
9/21/2018							<0.15	0.56 (J)	
9/24/2018	<0.15		2.3			1.2			
9/18/2019	0.18 (J)	1.1			<0.091				
9/19/2019			8.7	3.8		1.3	<0.091	0.54	0.47 (J)
9/10/2020	<0.091					1.5			
9/11/2020		1.4							0.32 (J)
9/14/2020			52				<0.091	0.49 (J)	
9/15/2020				<0.091	0.37 (J)				
9/15/2021					0.26 (J)				
9/16/2021						0.43 (J)	<0.19		0.59
9/20/2021								0.29 (J)	
9/21/2021		2.7		0.2 (J)					
9/22/2021	0.2 (J)								
9/13/2022	0.23 (J)					2.1			
9/14/2022		0.75		<0.19	0.36 (J)		<0.19	0.27 (J)	0.27 (J)
9/6/2023		0.66				<0.17 (U)		<0.17 (U)	
9/7/2023	<0.17 (U)			<0.17 (U)	0.17 (J)		<0.17 (U)		0.32 (J)

Field pH



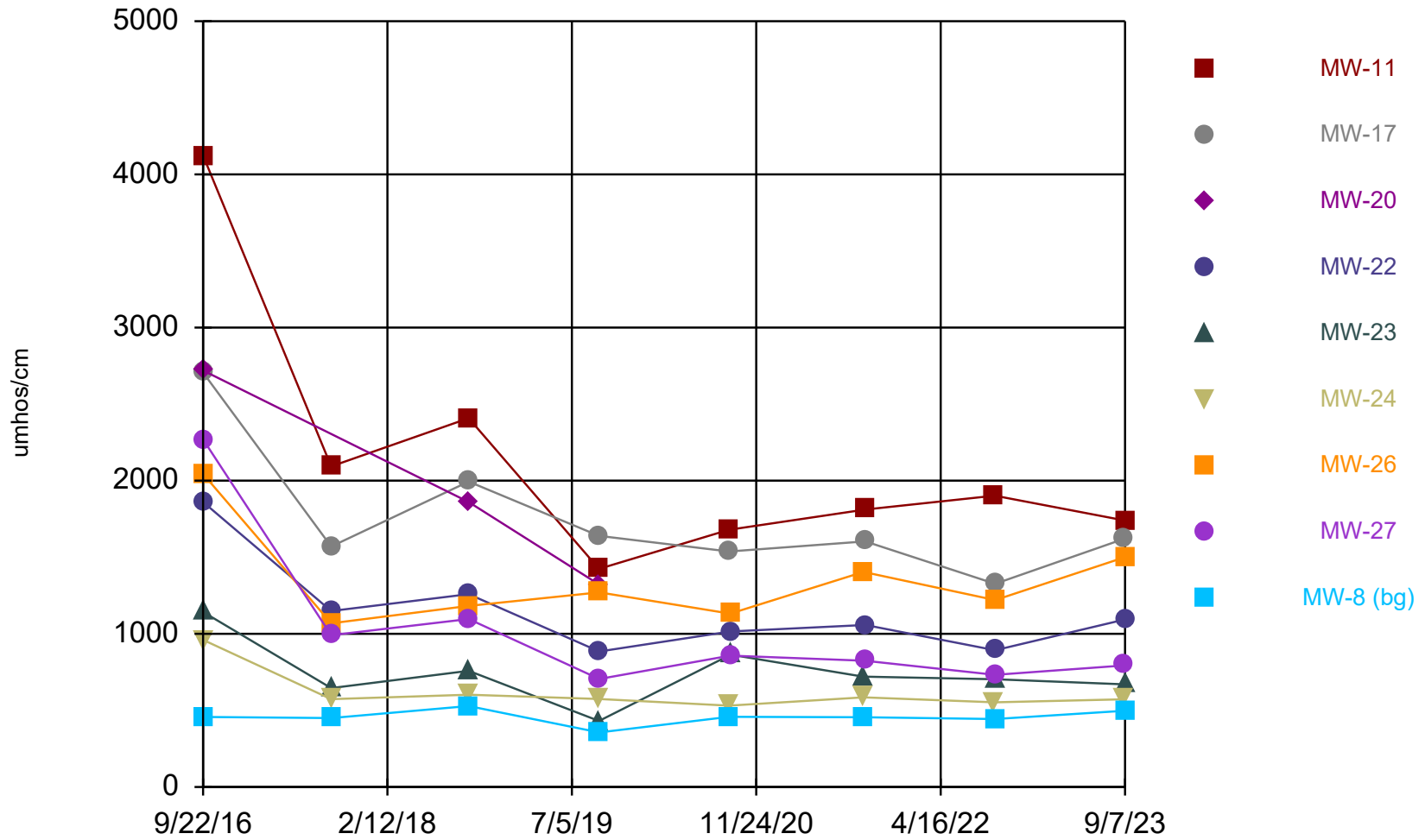
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Field pH (Std. Units) Analysis Run 10/13/2023 9:15 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/22/2016	7.3	7.69	6.85	7.68	7.64	7.54	7.08	7.93	8.13
9/10/2017	7.3	7.06		7.18	7.21	8.37	7.02	5.49	9.29
9/24/2018	7.17	7.29	6.55	7.37	10.52	6.68	6.17	5.79	10.86
9/18/2019	6.84	8			6.92				
9/19/2019			7.08	7.17		7.25	8.88	5.72	7.05
9/10/2020	7.14					7.45			
9/11/2020		7.24							7.47
9/14/2020							7.18	6.34	
9/15/2020				7.76	7.42				
9/15/2021					6.84				
9/16/2021						7.36	6.72		7.02
9/20/2021								6.19	
9/21/2021		7.19		6.9					
9/22/2021	7.06								
9/13/2022	7.03					7.41			
9/14/2022		7.22		7.24	7.13		6.93	6.35	7.14
9/6/2023		7.32				7.38		6.45	
9/7/2023	7.17			7.05	7.18		6.65		7.2

Field Specific Conductance



Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

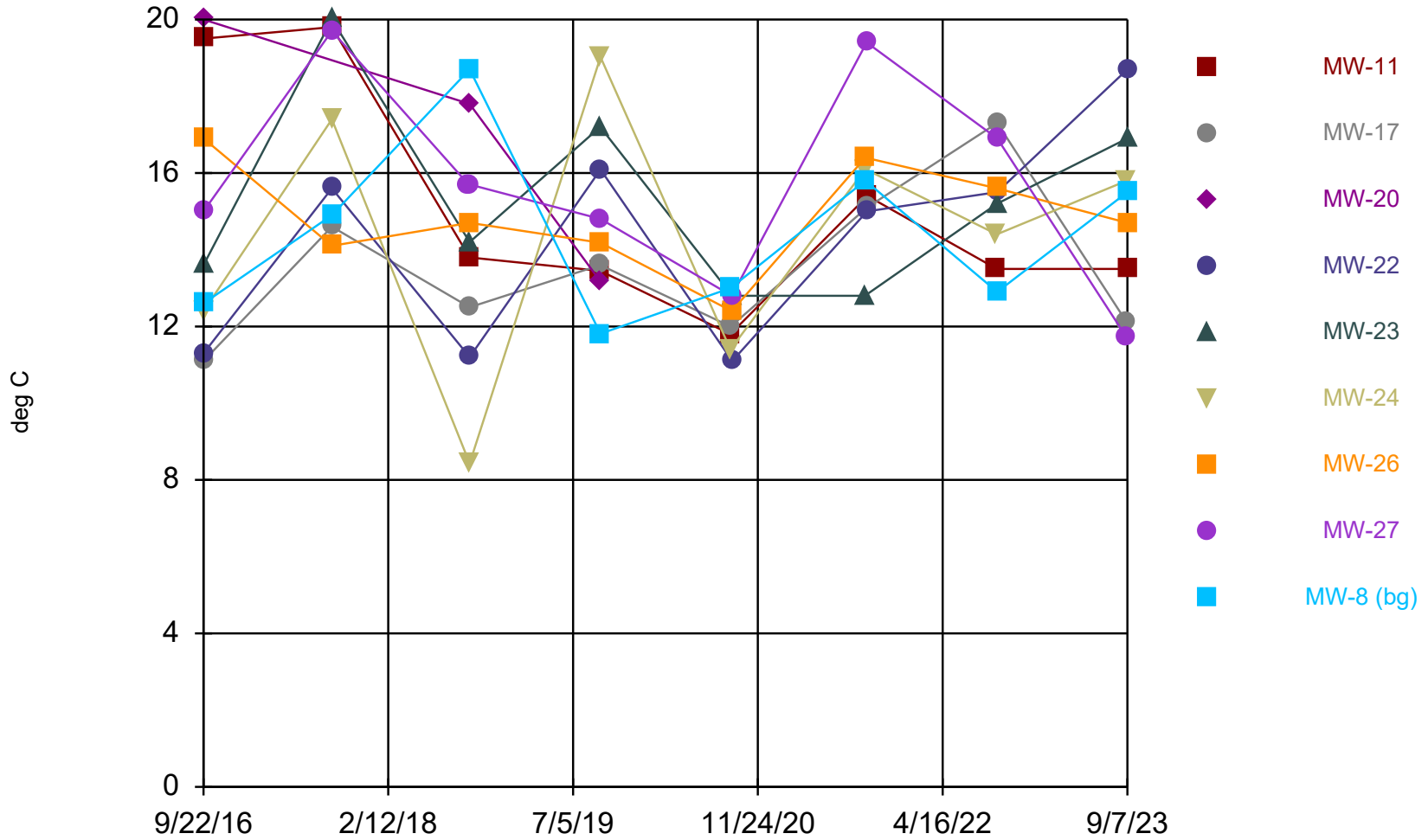
Time Series

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 10/13/2023 9:15 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/22/2016	4122	2706	2719	1861	1143	961	2044	2269	457
9/10/2017	2093	1570		1149	646	573.7	1069	991	450.2
9/24/2018	2408	1994	1861	1259	759	603	1182	1097	528.8
9/18/2019	1424	1640			431				
9/19/2019			1321	885		575	1271	705	356
9/10/2020	1679					531.3			
9/11/2020		1538							458.4
9/14/2020							1132	858	
9/15/2020				1016	864				
9/15/2021					721				
9/16/2021						585.3	1404		455.4
9/20/2021								824	
9/21/2021		1604		1058					
9/22/2021	1812								
9/13/2022	1902					553.4			
9/14/2022		1327		893	704		1220	732	444.2
9/6/2023		1622				572.6		794	
9/7/2023	1740			1094	670		1501		498.3

Field Temperature



Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Field Temperature (deg C) Analysis Run 10/13/2023 9:15 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/22/2016	19.5	11.1	20	11.3	13.6	12.4	16.9	15	12.6
9/10/2017	19.8	14.6		15.6	20	17.4	14.1	19.7	14.9
9/21/2018								15.7	
9/24/2018	13.8	12.5	17.8	11.2	14.2	8.43 (D)	14.7	15.7	18.7
9/18/2019	13.45	13.6			17.2				
9/19/2019			13.17	16.09		19.02	14.18	14.8	11.81
9/10/2020	11.8					11.4			
9/11/2020		12							13
9/14/2020							12.4	12.8	
9/15/2020				11.1	12.8				
9/15/2021					12.8				
9/16/2021						16.1	16.4		15.8
9/20/2021								19.4	
9/21/2021		15.1		15					
9/22/2021	15.4								
9/13/2022	13.5					14.4			
9/14/2022		17.3		15.5	15.2		15.6	16.9	12.9
9/6/2023		12.1				15.8		11.7	
9/7/2023	13.5			18.7	16.9		14.7		15.5

Fluoride



Time Series Analysis Run 10/13/2023 9:14 AM View: Deep

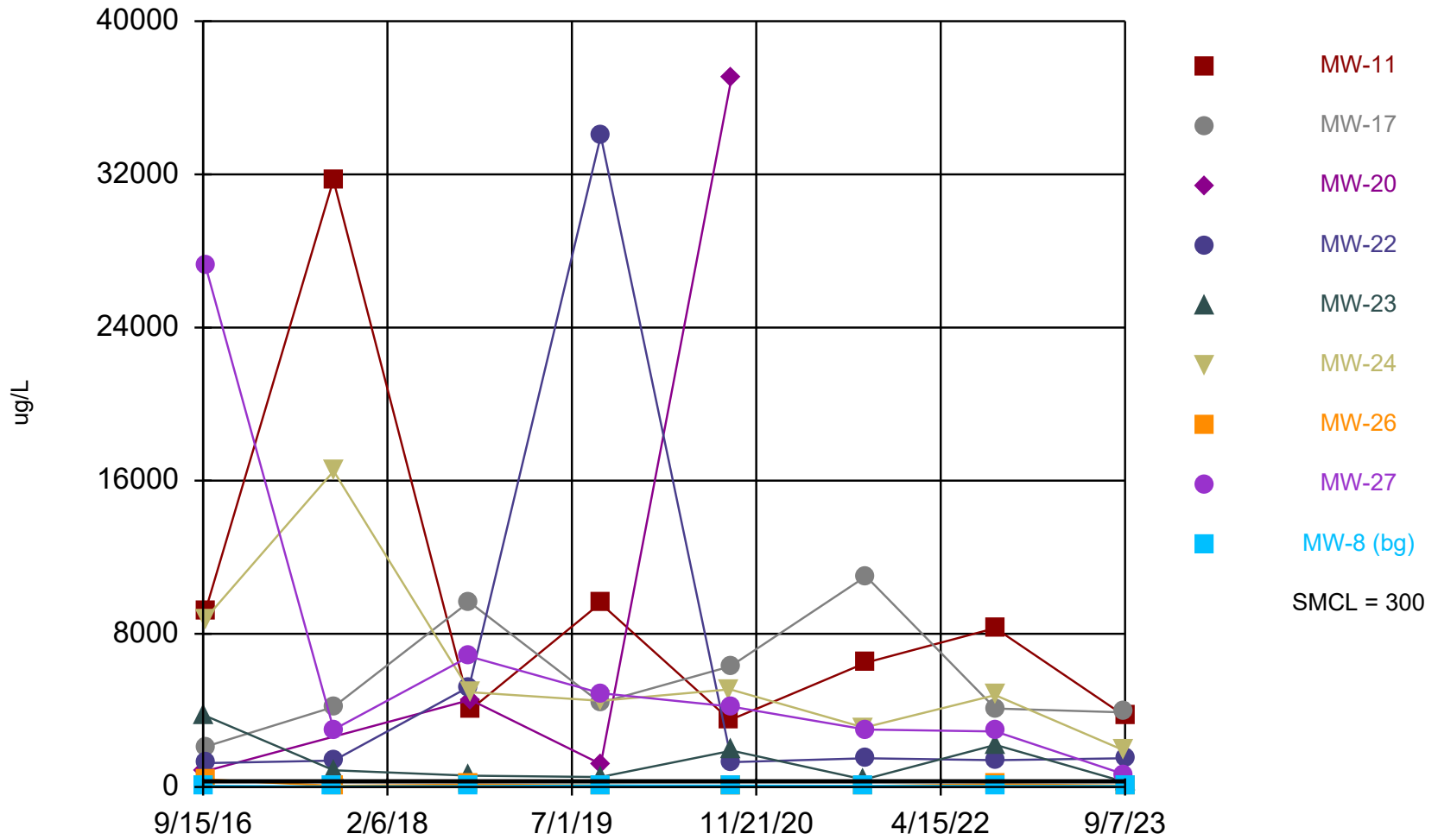
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Fluoride (mg/L) Analysis Run 10/13/2023 9:15 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/6/2023		<0.38 (U)			<0.38 (U)		<0.38 (U)	
9/7/2023	<0.38 (U)		<0.38 (U)	<0.38 (U)		<0.38 (U)		<0.38 (U)

Iron



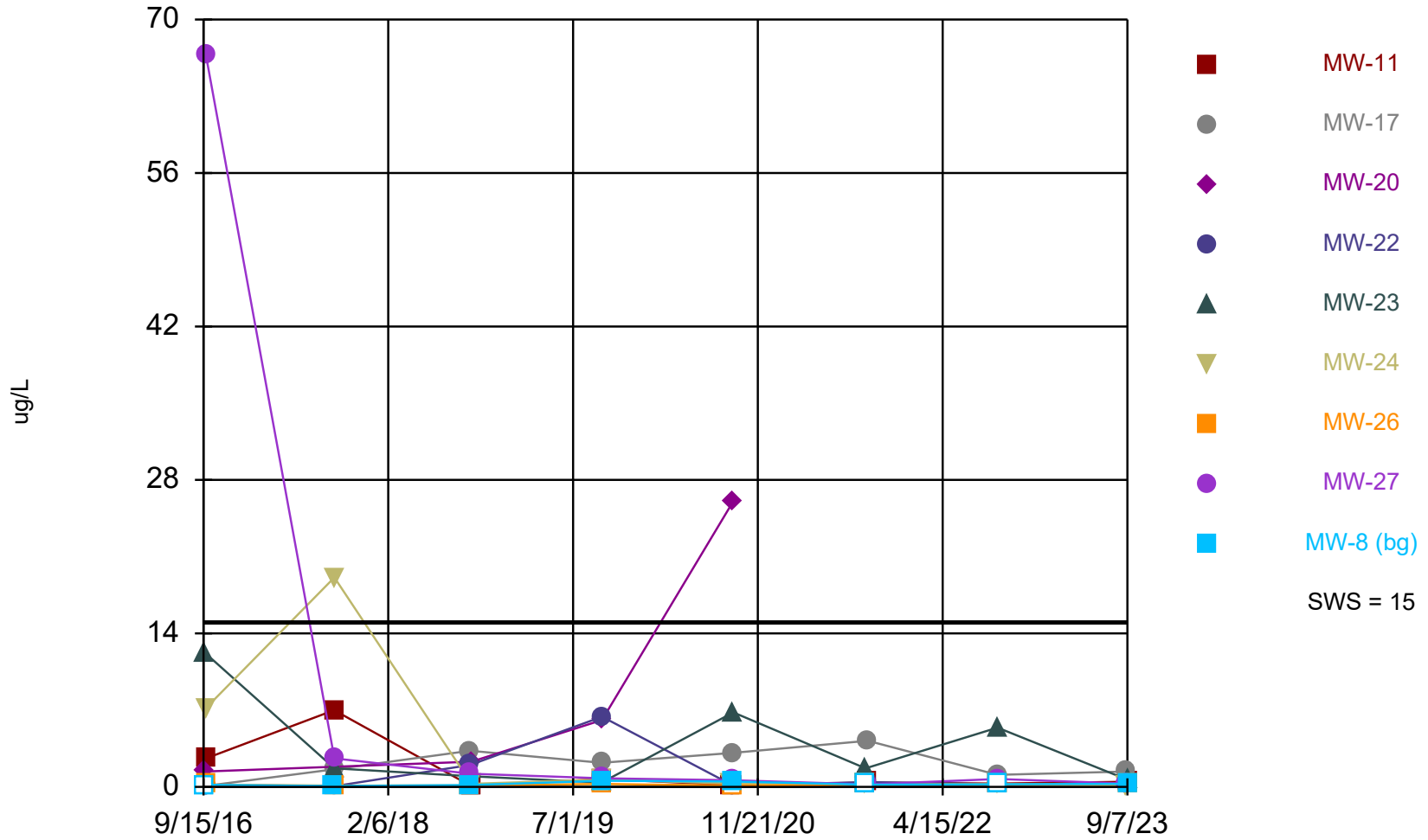
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Iron (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									56.6
9/19/2016			819						
9/20/2016					3730				
9/21/2016							396		
9/22/2016	9230	2110		1250		8800		27200	
9/9/2017									27 (J)
9/10/2017	31700	4180							
9/11/2017				1380	875	16500	55.4	3000	
9/20/2018		9670		5230	591				45 (J)
9/21/2018							124	6820	
9/24/2018	4040		4550			4950			
9/18/2019	9600	4400			520				
9/19/2019			1200	34000		4500	78 (J)	4900	84 (J)
9/10/2020	3500					5100			
9/11/2020		6300							76 (J)
9/14/2020			37000				<50	4200	
9/15/2020				1300	1900				
9/15/2021					390				
9/16/2021						3100	53 (J)		62 (J)
9/20/2021								3000	
9/21/2021		11000		1500					
9/22/2021	6500								
9/13/2022	8300					4800			
9/14/2022		4100		1400	2200		140	2900	51 (J)
9/6/2023		3900				1900		660	
9/7/2023	3700			1500	260		76 (J)		50 (J)

Lead



Time Series Analysis Run 10/13/2023 9:14 AM View: Deep

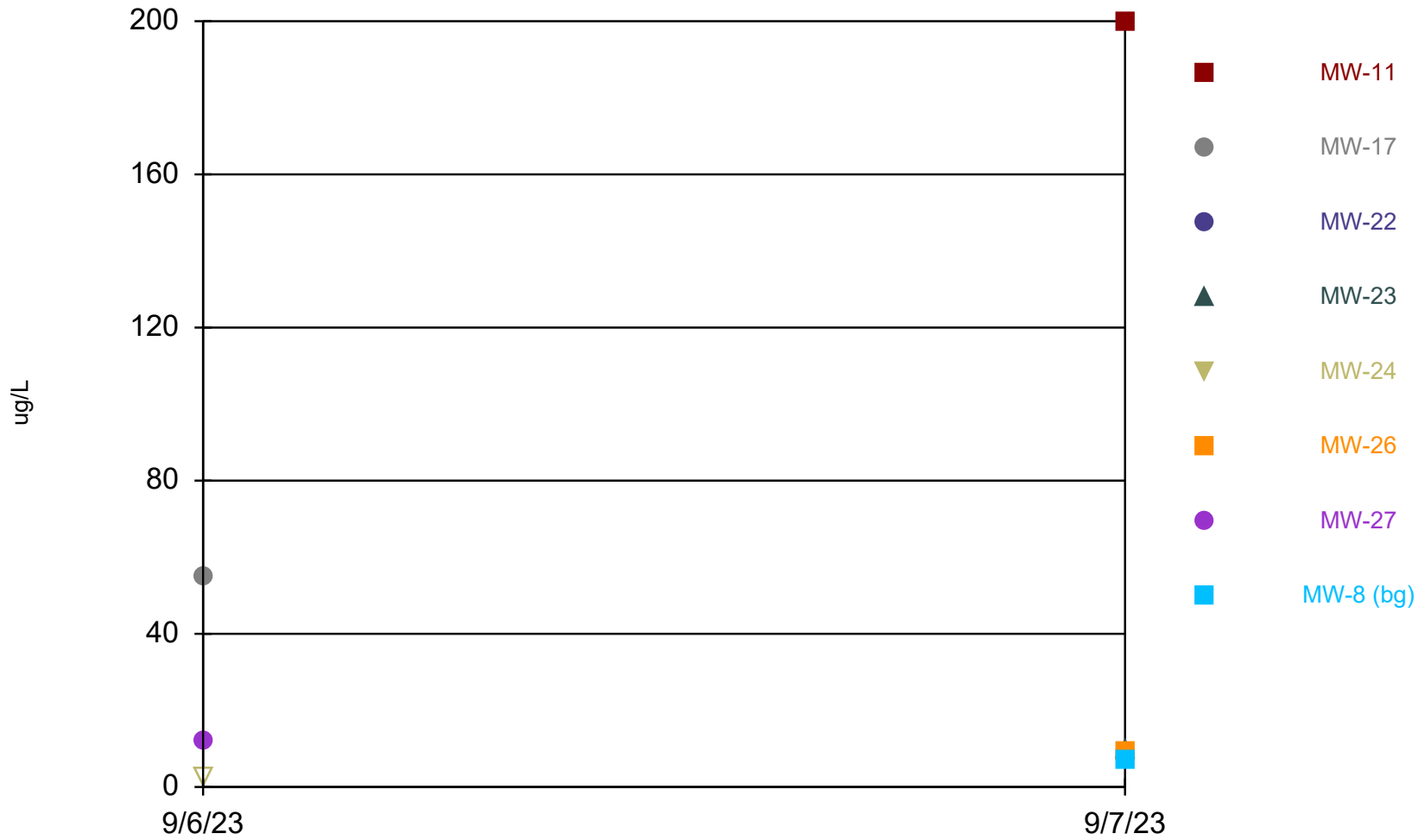
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Lead (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									<0.19
9/19/2016			1.4						
9/20/2016					12.2				
9/21/2016							0.2 (J)		
9/22/2016	2.6	<0.19		<0.19		7.2		66.7	
9/9/2017									0.087 (J)
9/10/2017	7	1.6							
9/11/2017				0.07 (J)	1.7	19.1	0.12 (J)	2.6	
9/20/2018		3.3		2	0.97 (J)				0.17 (J)
9/21/2018							0.14 (J)	1.2	
9/24/2018	<0.12		2.3			0.28 (J)			
9/18/2019	0.72	2.2			0.39 (J)				
9/19/2019			6.1	6.4		0.67	<0.27	0.79	0.56
9/10/2020	0.18 (J)					0.3 (J)			
9/11/2020		3.1							0.49 (J)
9/14/2020			26				<0.11	0.61	
9/15/2020				<0.11	6.8				
9/15/2021					1.7				
9/16/2021						0.23 (J)	<0.21		<0.21
9/20/2021								0.23 (J)	
9/21/2021		4.2		0.45 (J)					
9/22/2021	0.39 (J)								
9/13/2022	0.3 (J)								
9/14/2022		1.1		<0.24	5.4		<0.24	0.72	<0.24
9/6/2023		1.4				<0.24 (U)		0.3 (J)	
9/7/2023	0.47 (J)			0.31 (J)	0.66		0.3 (J)		0.28 (J)

Lithium



Time Series Analysis Run 10/13/2023 9:14 AM View: Deep

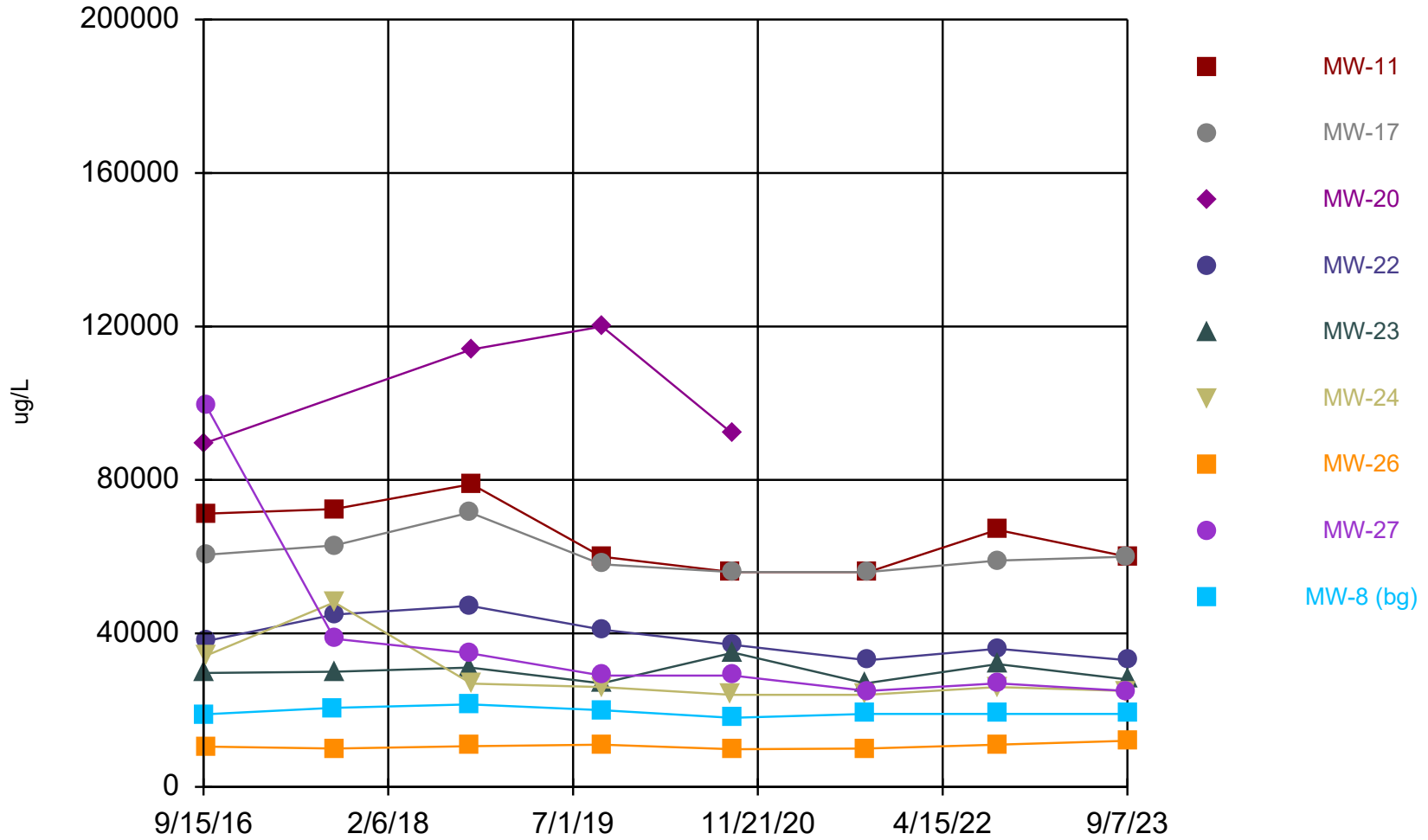
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Lithium (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/6/2023		55			<2.5 (U)		12	
9/7/2023	200		7.7 (J)	9.9 (J)		9.1 (J)		7.2 (J)

Magnesium



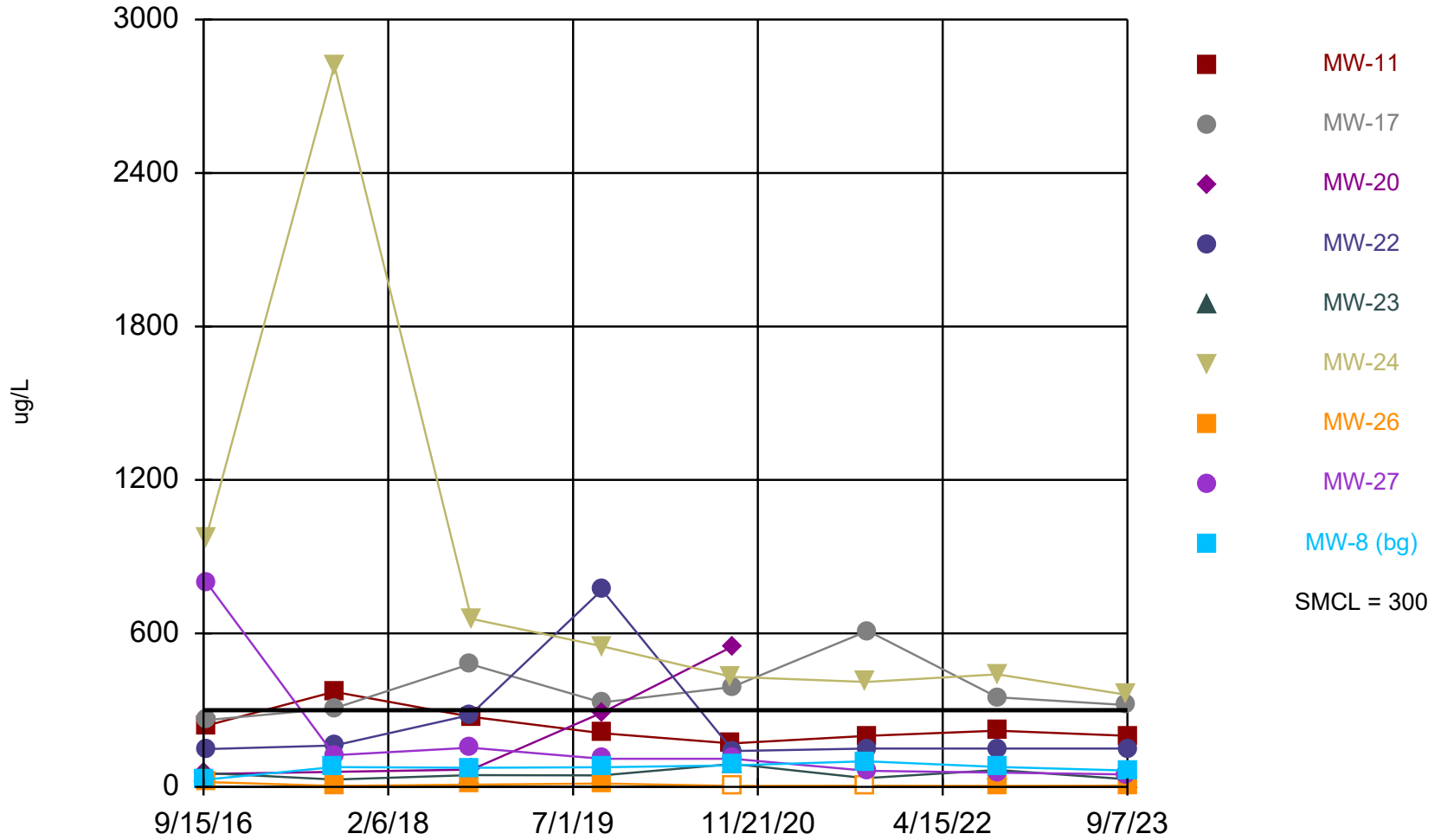
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Magnesium (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									18900
9/19/2016			89600						
9/20/2016					29700				
9/21/2016							10500		
9/22/2016	71200	60500		38000		34200		99400	
9/9/2017									20600
9/10/2017	72400	62900							
9/11/2017				44900	30000	48100	10000	38600	
9/20/2018		71500		47200	31100				21500
9/21/2018							10600	34800	
9/24/2018	78900		114000			26900			
9/18/2019	60000	58000			27000				
9/19/2019			120000	41000		26000	11000	29000	20000
9/10/2020	56000					24000			
9/11/2020		56000							18000
9/14/2020			92000				9800	29000	
9/15/2020				37000	35000				
9/15/2021					27000				
9/16/2021						24000	10000		19000
9/20/2021								25000	
9/21/2021		56000		33000					
9/22/2021	56000								
9/13/2022	67000					26000			
9/14/2022		59000		36000	32000		11000	27000	19000
9/6/2023		60000				25000		25000	
9/7/2023	60000			33000	28000		12000		19000

Manganese



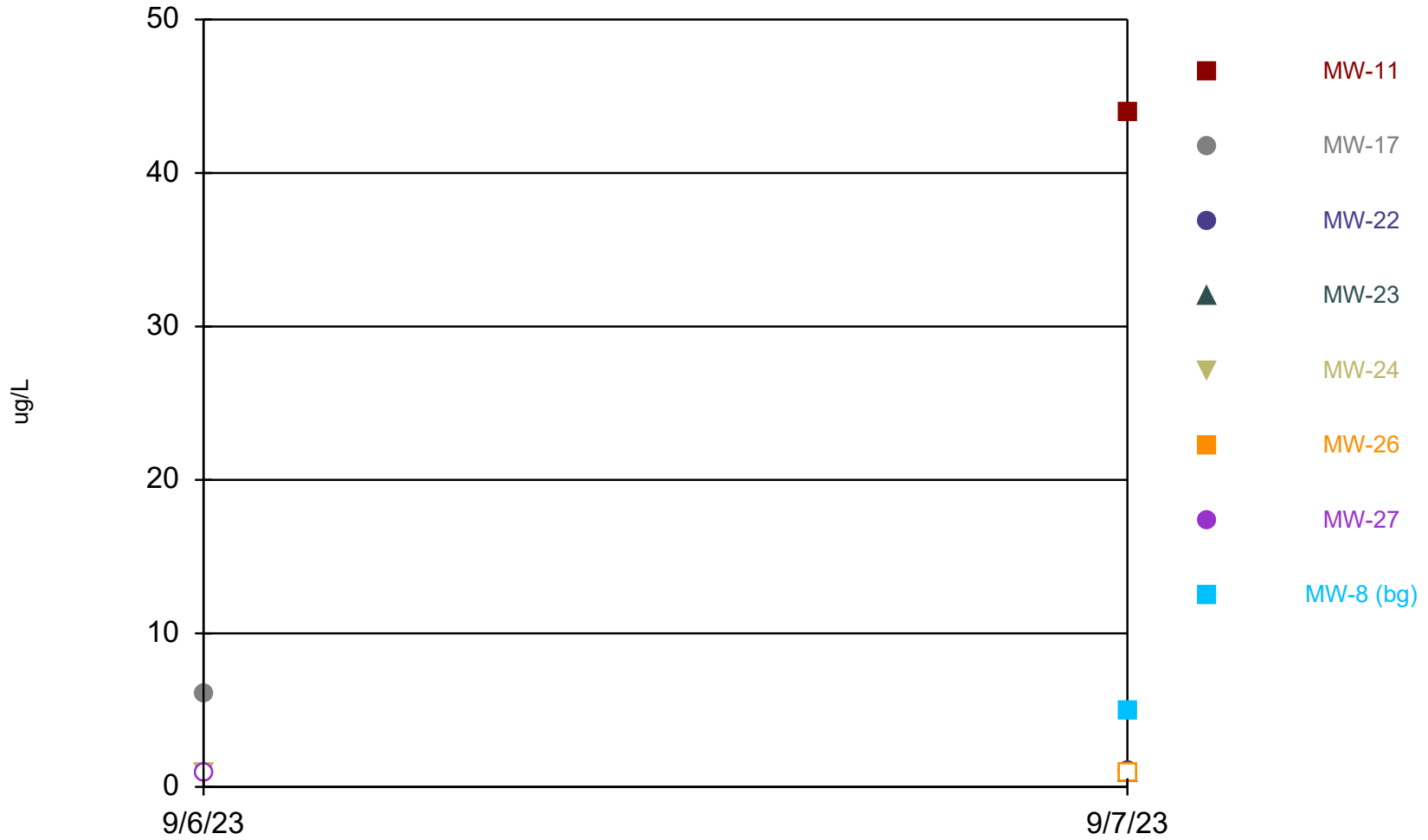
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Manganese (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									27.6
9/19/2016			50.6						
9/20/2016					54.1				
9/21/2016							19.1		
9/22/2016	239	261		148		973		802	
9/9/2017									77.4
9/10/2017	372	307							
9/11/2017				162	28.8	2820	3.9	124	
9/20/2018		480		281	46.2				74.5
9/21/2018							8.6	153	
9/24/2018	274		67.8			657			
9/18/2019	210	330			45				
9/19/2019			290	770		550	13	110	77
9/10/2020	170					430			
9/11/2020		390							84
9/14/2020			550				<4	110	
9/15/2020				140	90				
9/15/2021					34				
9/16/2021						410	<4.4		100
9/20/2021								63	
9/21/2021		610		150					
9/22/2021	200								
9/13/2022	220					440			
9/14/2022		350		150	66		4 (J)	56	78
9/6/2023		320				360		49	
9/7/2023	200			150	30		4.7 (J)		64

Molybdenum



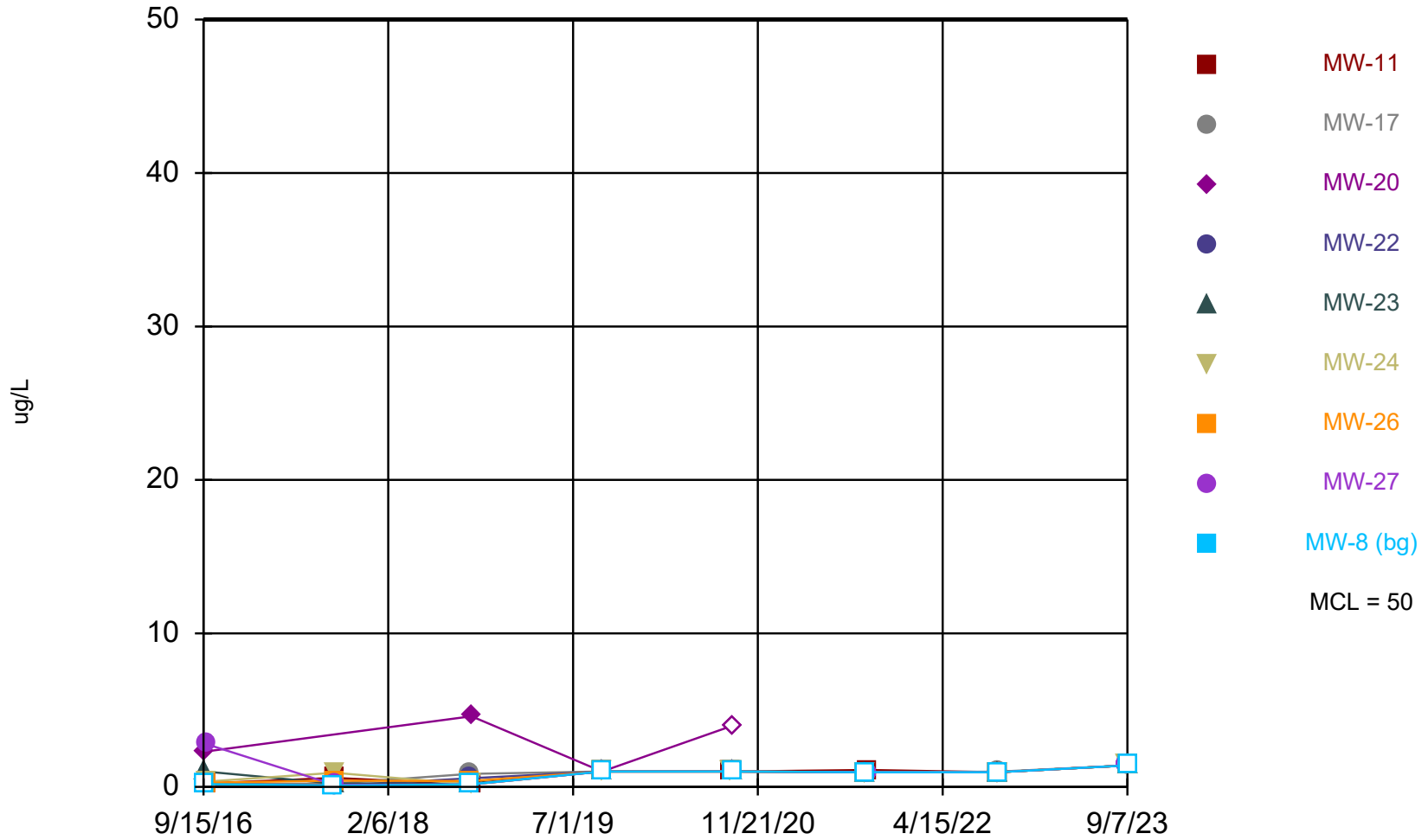
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Molybdenum (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/6/2023		6			<0.91 (U)		<0.91 (U)	
9/7/2023	44		1 (J)	<0.91 (U)		<0.91 (U)		4.9

Selenium



Time Series Analysis Run 10/13/2023 9:14 AM View: Deep

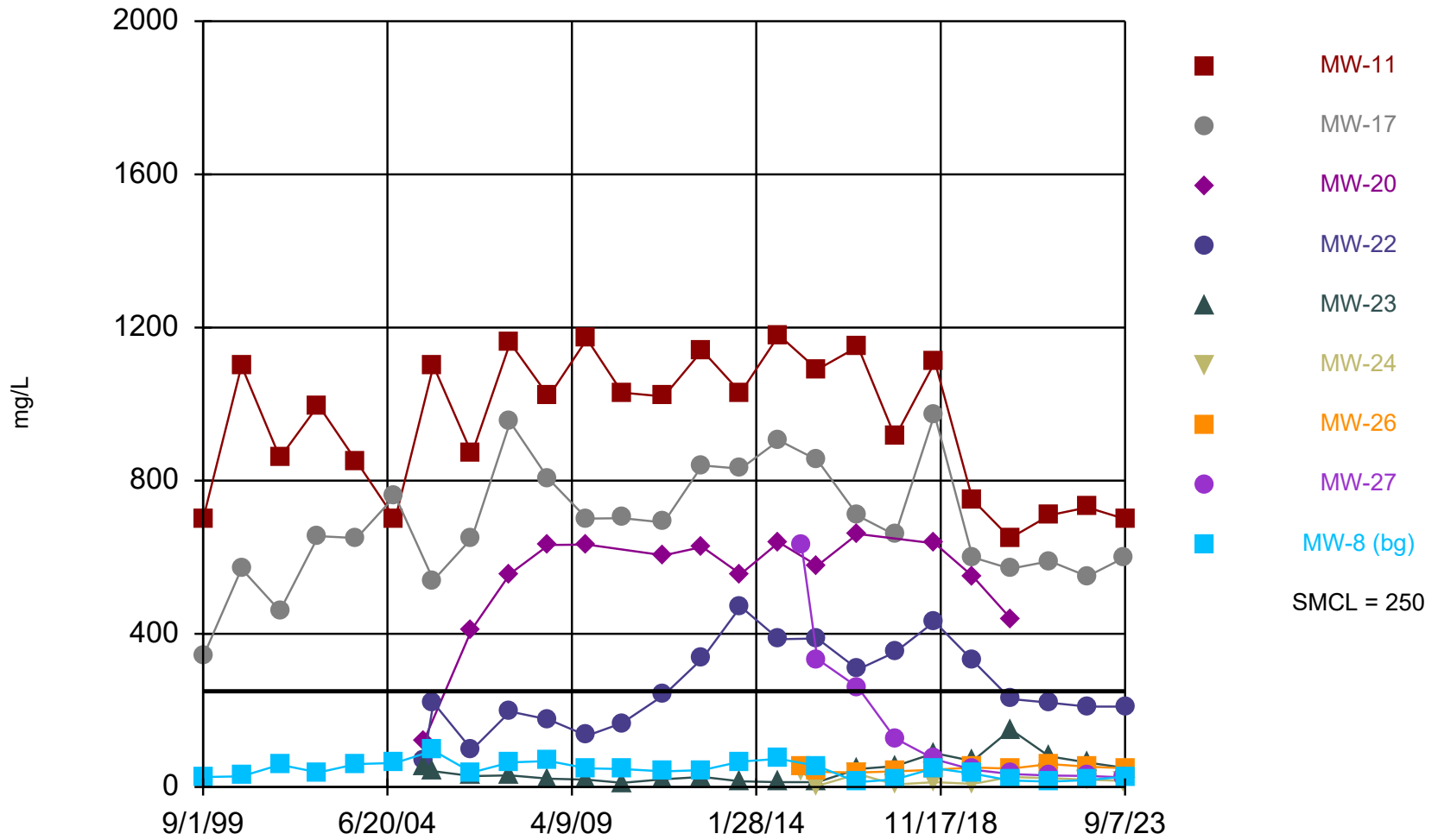
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Selenium (ug/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									<0.18
9/19/2016			2.3						
9/20/2016					1				
9/21/2016							0.27 (J)		
9/22/2016	0.23 (J)	<0.18		<0.18		0.34 (J)		2.8 (J)	
9/9/2017									<0.086
9/10/2017	0.59 (J)	0.22 (J)							
9/11/2017				<0.086	0.22 (J)	0.92 (J)	0.41 (J)	0.14 (J)	
9/20/2018		0.85 (J)		0.56 (J)	0.23 (J)				<0.16
9/21/2018							0.38 (J)	<0.16	
9/24/2018	<0.16		4.6			<0.16			
9/18/2019	<1	<1			<1				
9/19/2019			<1	<1		<1	<1	<1	<1
9/10/2020	<1					<1			
9/11/2020		<1							<1
9/14/2020			<4				<1	<1	
9/15/2020				<1	<1				
9/15/2021					<0.96				
9/16/2021						<0.96	<0.96		<0.96
9/20/2021								<0.96	
9/21/2021		<0.96		<0.96					
9/22/2021	1.1 (J)								
9/13/2022	<0.96					<0.96			
9/14/2022		0.99 (J)		<0.96	<0.96		<0.96	<0.96	<0.96
9/6/2023		<1.4 (U)				<1.4 (U)		<1.4 (U)	
9/7/2023	<1.4 (U)			<1.4 (U)	<1.4 (U)		<1.4 (U)		<1.4 (U)

Sulfate



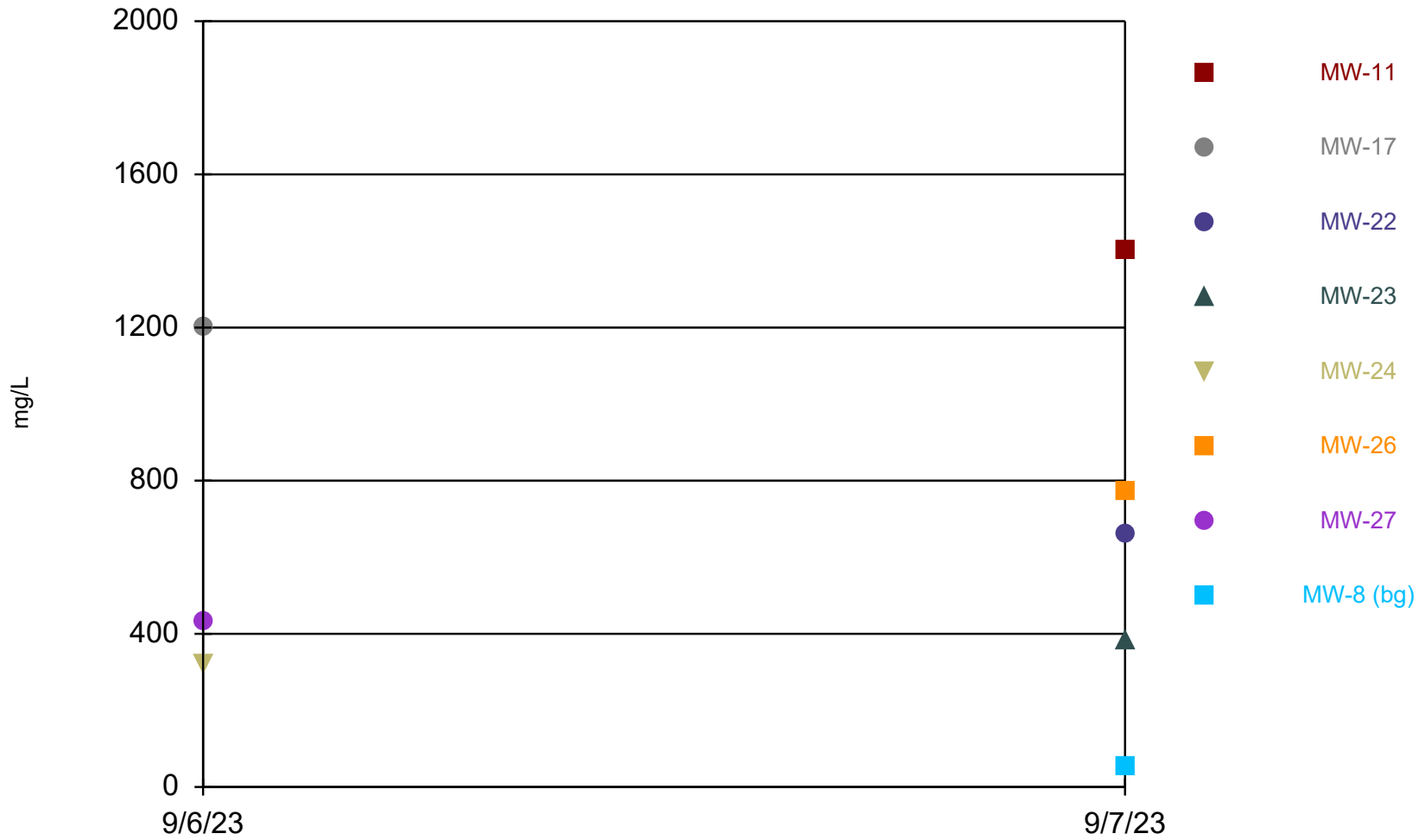
Time Series Analysis Run 10/13/2023 9:14 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Sulfate (mg/L) Analysis Run 10/13/2023 9:15 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/1/1999	700	340							26
9/1/2000	1100	570							28
9/1/2001	860	460							58
9/1/2002	997	655							37.8
9/1/2003	850	650							60
9/1/2004	700	760							63
6/1/2005			120	70	54				
9/1/2005	1100	540		220	41				95
9/1/2006	870	650	412	97.2	28.4				38
9/1/2007	1160	953	557	197	30.2				64.1
9/1/2008	1020	804	632	176	21.6				67.7
9/1/2009	1170	701	633	134	19.3				48.6
8/1/2010	1030	702		167	11				47.1
9/1/2011	1020	691	605	240	20.3				40.8
9/1/2012	1140	840	627	335	26.5				44.1
9/1/2013	1030	831	556	471	14.8				66.3
9/1/2014	1180	905	639	386	12.7				73.5
4/1/2015						41.8	52.3	635	
9/1/2015	1090	854	578	388	12.8	2.8	39.4	334	54.9
9/15/2016									12.7
9/19/2016			661						
9/20/2016					47.1				
9/21/2016							37.8		
9/22/2016	1150	708		307		33.8		260	
9/9/2017									19.9
9/10/2017	914	658							
9/11/2017				352	54.5	6.4	40.8	127	
9/20/2018		973		432	88.6				49.2
9/21/2018							45	72.7	
9/24/2018	1110		636			12.6			
9/18/2019	750	600			68				
9/19/2019			550	330		8	51	45	35
9/10/2020	650					26			
9/11/2020		570							17
9/14/2020			440				48	34	
9/15/2020				230	150				
9/15/2021					80				
9/16/2021						23	60		14
9/20/2021								30	
9/21/2021		590		220					
9/22/2021	710								
9/13/2022	730					19			
9/14/2022		550		210	64		53	29	18
9/6/2023		600				16		25	
9/7/2023	700			210	50		49		27

Total Dissolved Solids



Time Series Analysis Run 10/13/2023 9:14 AM View: Deep

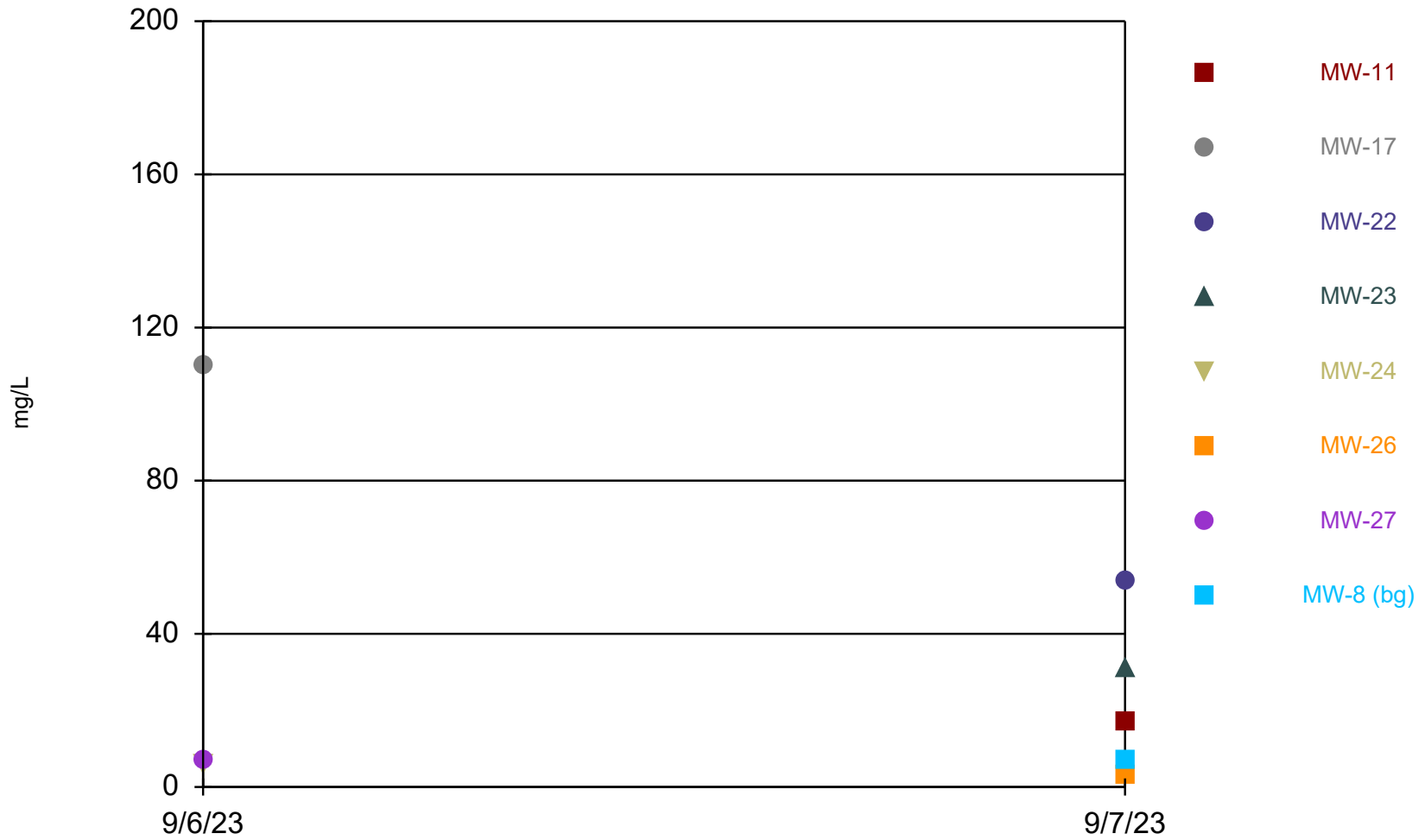
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 10/13/2023 9:15 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/6/2023		1200			320		430	
9/7/2023	1400		660	380		770		52

Total Suspended Solids



Time Series Analysis Run 10/13/2023 9:14 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Time Series

Constituent: Total Suspended Solids (mg/L) Analysis Run 10/13/2023 9:15 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/6/2023		110			6		7.2	
9/7/2023	17		54	31		3.1		7.2



Attachment E3

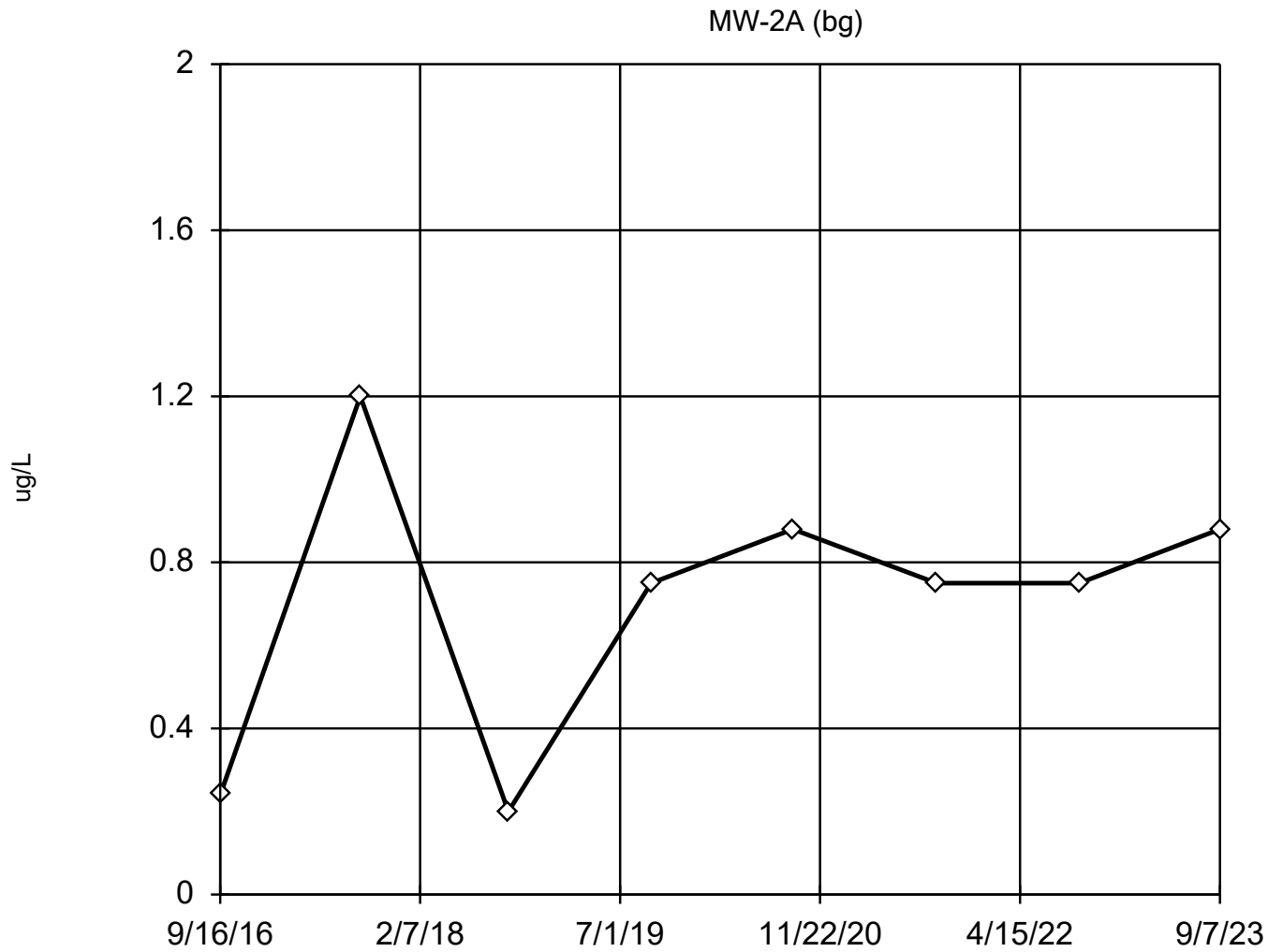
Outlier Analysis Results – Shallow Unit

Outlier Analysis

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile Printed 10/13/2023, 9:01 AM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Arsenic (ug/L)	MW-2A (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.7062	0.3346	normal	ShapiroWilk
Barium (ug/L)	MW-2A (bg)	Yes	234	9/16/2016	Dixon`s	0.05	8	118.6	51.36	normal	ShapiroWilk
Beryllium (ug/L)	MW-2A (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.2198	0.1272	normal	ShapiroWilk
Boron (ug/L)	MW-2A (bg)	No	n/a	n/a	EPA 1989	0.05	8	145	47.34	normal	ShapiroWilk
Chloride (mg/L)	MW-2A (bg)	No	n/a	n/a	EPA 1989	0.05	27	7.708	1.087	normal	ShapiroWilk
Cobalt (ug/L)	MW-2A (bg)	Yes	3.7,0.15	9/8/2017,...	NP (nrm)	NaN	8	0.815	1.171	unknown	ShapiroWilk
Iron (ug/L)	MW-2A (bg)	Yes	5330	9/8/2017	Dixon`s	0.05	8	753.3	1850	ln(x)	ShapiroWilk
Lead (ug/L)	MW-2A (bg)	Yes	8.5	9/8/2017	Dixon`s	0.05	8	1.485	2.844	normal	ShapiroWilk
Magnesium (ug/L)	MW-2A (bg)	No	n/a	n/a	NP (nrm)	NaN	8	17000	5694	unknown	ShapiroWilk
Manganese (ug/L)	MW-2A (bg)	Yes	464	9/8/2017	Dixon`s	0.05	8	75.6	157.2	normal	ShapiroWilk
Selenium (ug/L)	MW-2A (bg)	No	n/a	n/a	EPA 1989	0.05	8	1.405	0.7082	normal	ShapiroWilk
Sulfate (mg/L)	MW-2A (bg)	No	n/a	n/a	EPA 1989	0.05	25	37.94	6.856	normal	ShapiroWilk

EPA Screening (suspected outliers for Dixon's Test)



n = 8

Dixon's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 0.7062, std. dev. 0.3346, critical Tn 2.032

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8799
Critical = 0.851
The distribution was found to be normally distributed.

Constituent: Arsenic Analysis Run 10/13/2023 8:59 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

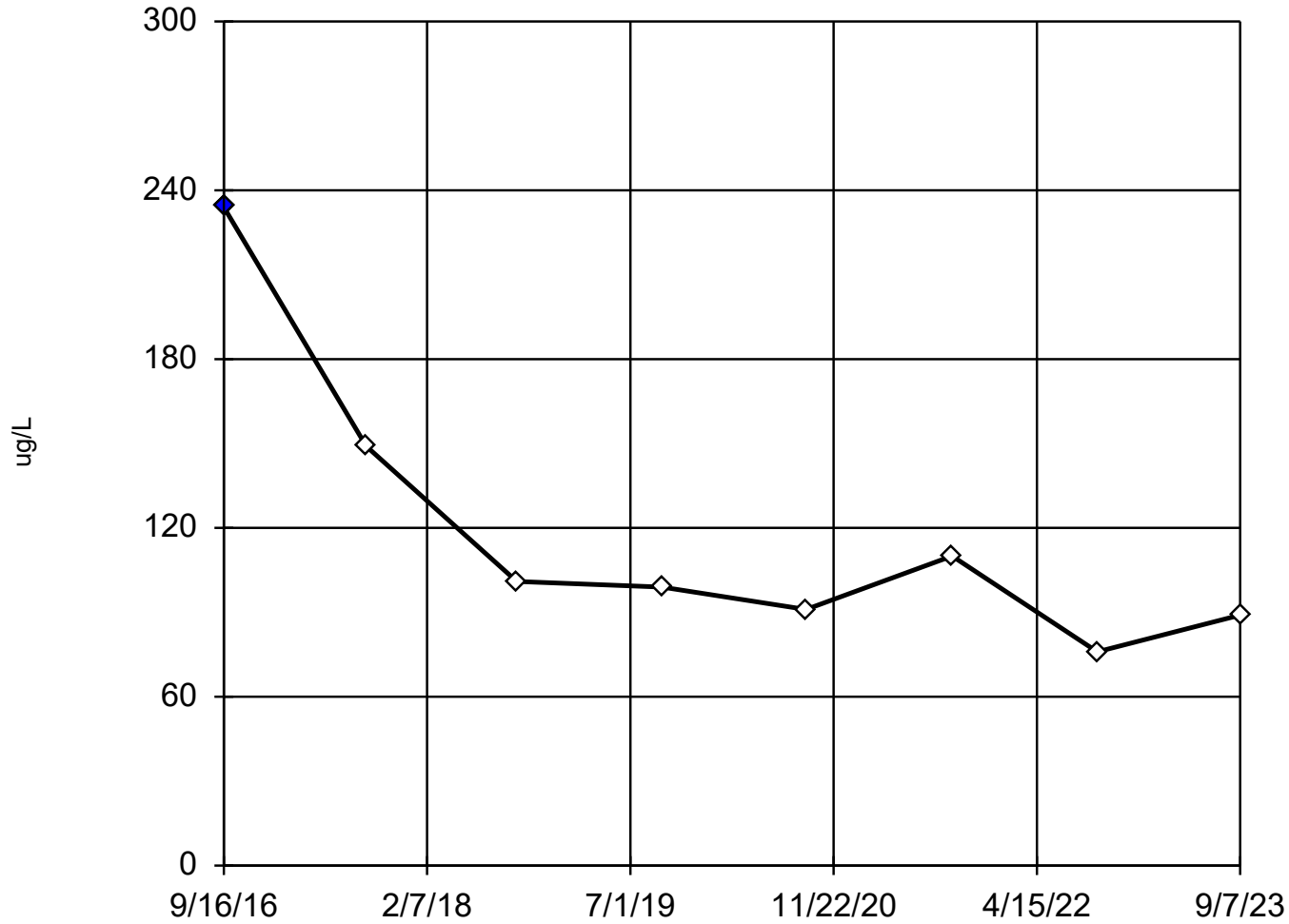
EPA 1989 Outlier Screening

Constituent: Arsenic (ug/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/16/2016	0.24 (J)
9/8/2017	1.2
9/20/2018	0.2 (J)
9/19/2019	<0.75
9/14/2020	<0.88
9/15/2021	<0.75
9/14/2022	<0.75
9/7/2023	0.88 (J)

Dixon's Outlier Test

MW-2A (bg)



n = 8

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 118.6.
Std. Dev. = 51.36.
234: c = 0.5862
tab1 = 0.554.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8733
Critical = 0.838
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Barium Analysis Run 10/13/2023 8:59 AM View: Shallow

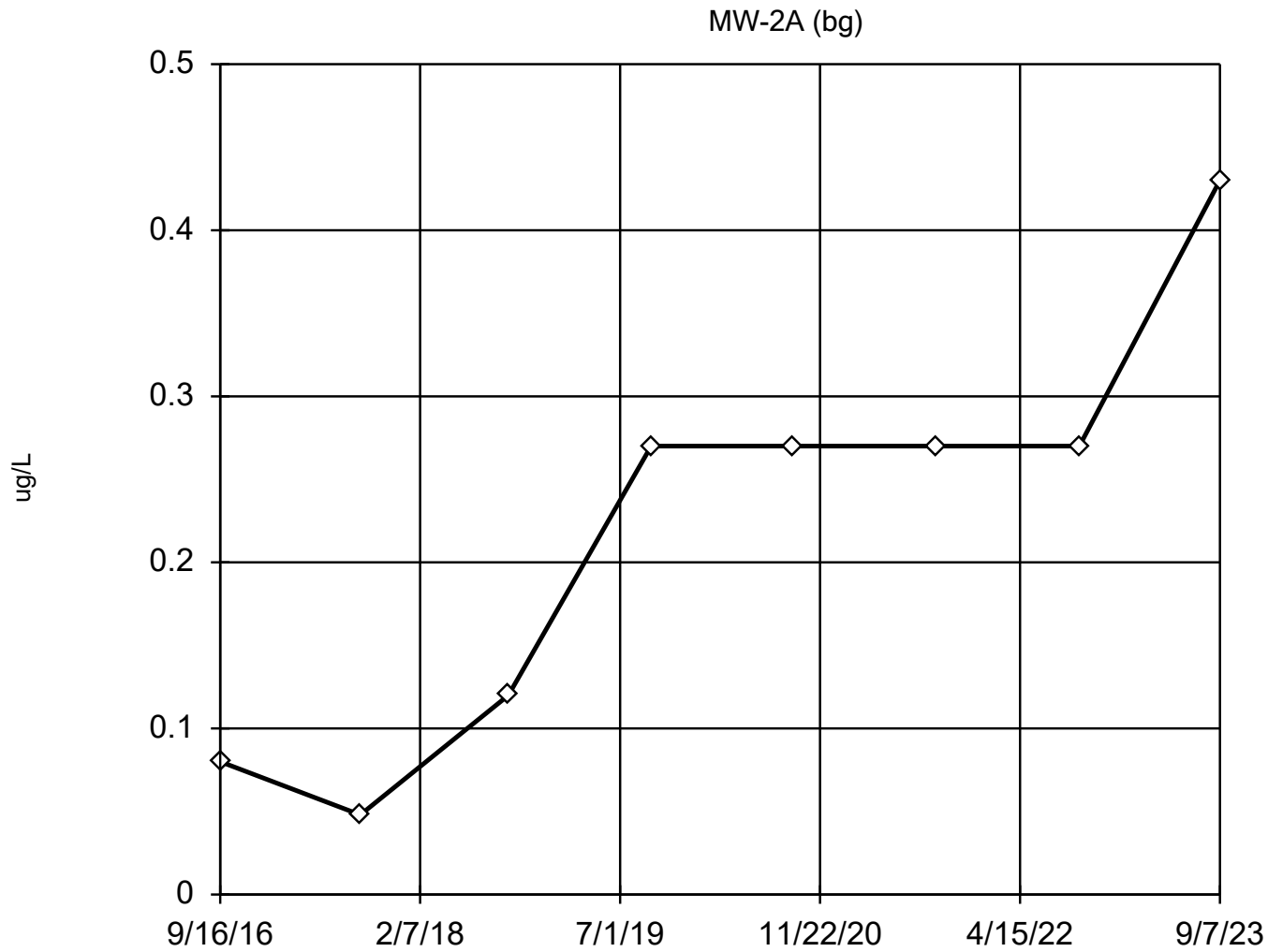
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Dixon's Outlier Test

Constituent: Barium (ug/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/16/2016	234 (O)
9/8/2017	149
9/20/2018	101
9/19/2019	99
9/14/2020	91
9/15/2021	110
9/14/2022	76 (B)
9/7/2023	89

EPA Screening (suspected outliers for Dixon's Test)



n = 8

Dixon's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 0.2198, std. dev. 0.1272, critical Tn 2.032

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8896
Critical = 0.851
The distribution was found to be normally distributed.

Constituent: Beryllium Analysis Run 10/13/2023 9:00 AM View: Shallow

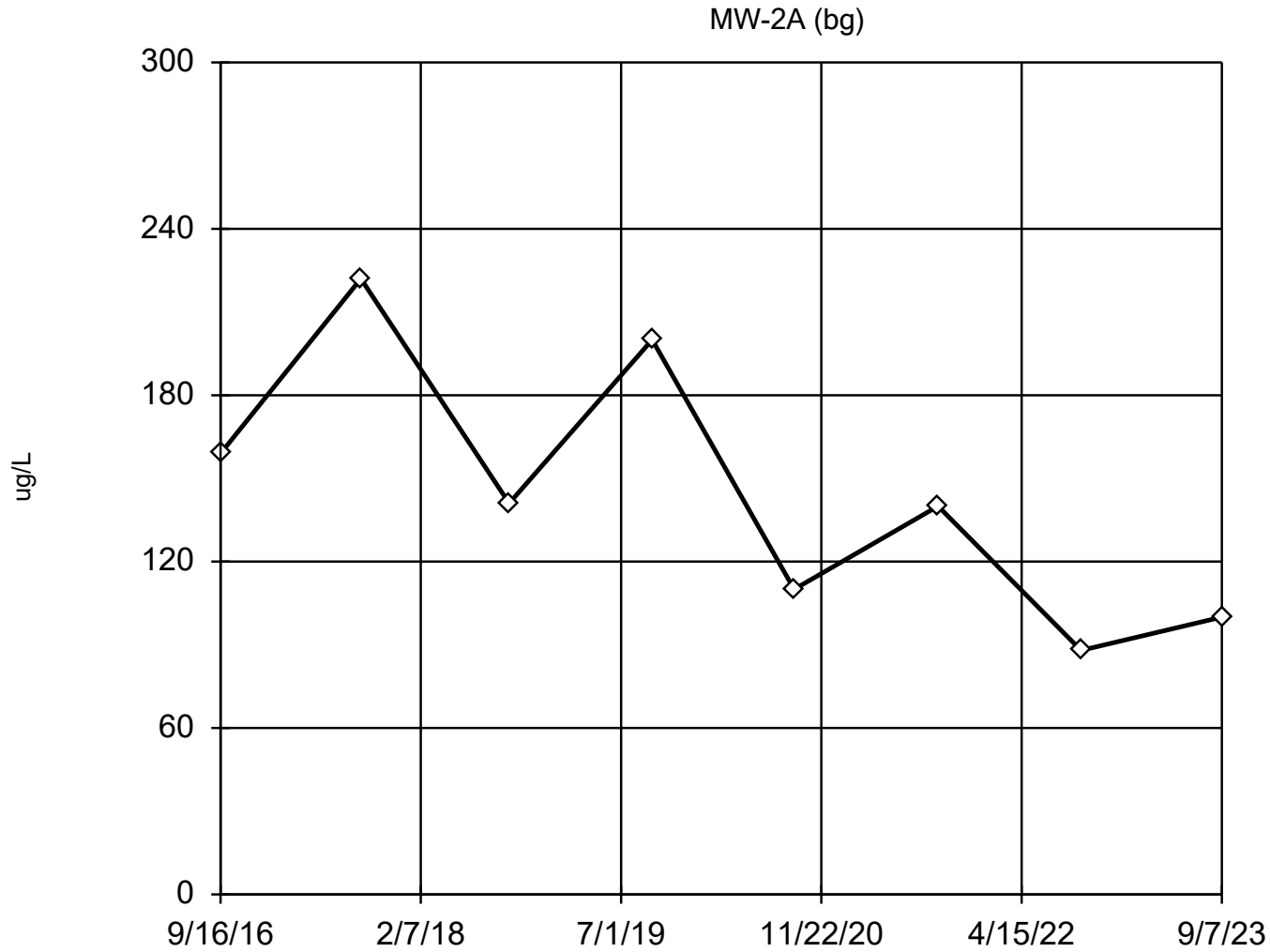
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

EPA 1989 Outlier Screening

Constituent: Beryllium (ug/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/16/2016	<0.08
9/8/2017	0.048 (J)
9/20/2018	<0.12
9/19/2019	<0.27
9/14/2020	<0.27
9/15/2021	<0.27
9/14/2022	<0.27
9/7/2023	0.43 (J)

EPA Screening (suspected outliers for Dixon's Test)



n = 8

Dixon's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 145, std. dev. 47.34,
critical Tn 2.032

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9383
Critical = 0.851
The distribution was found to be normally distributed.

Constituent: Boron Analysis Run 10/13/2023 9:00 AM View: Shallow

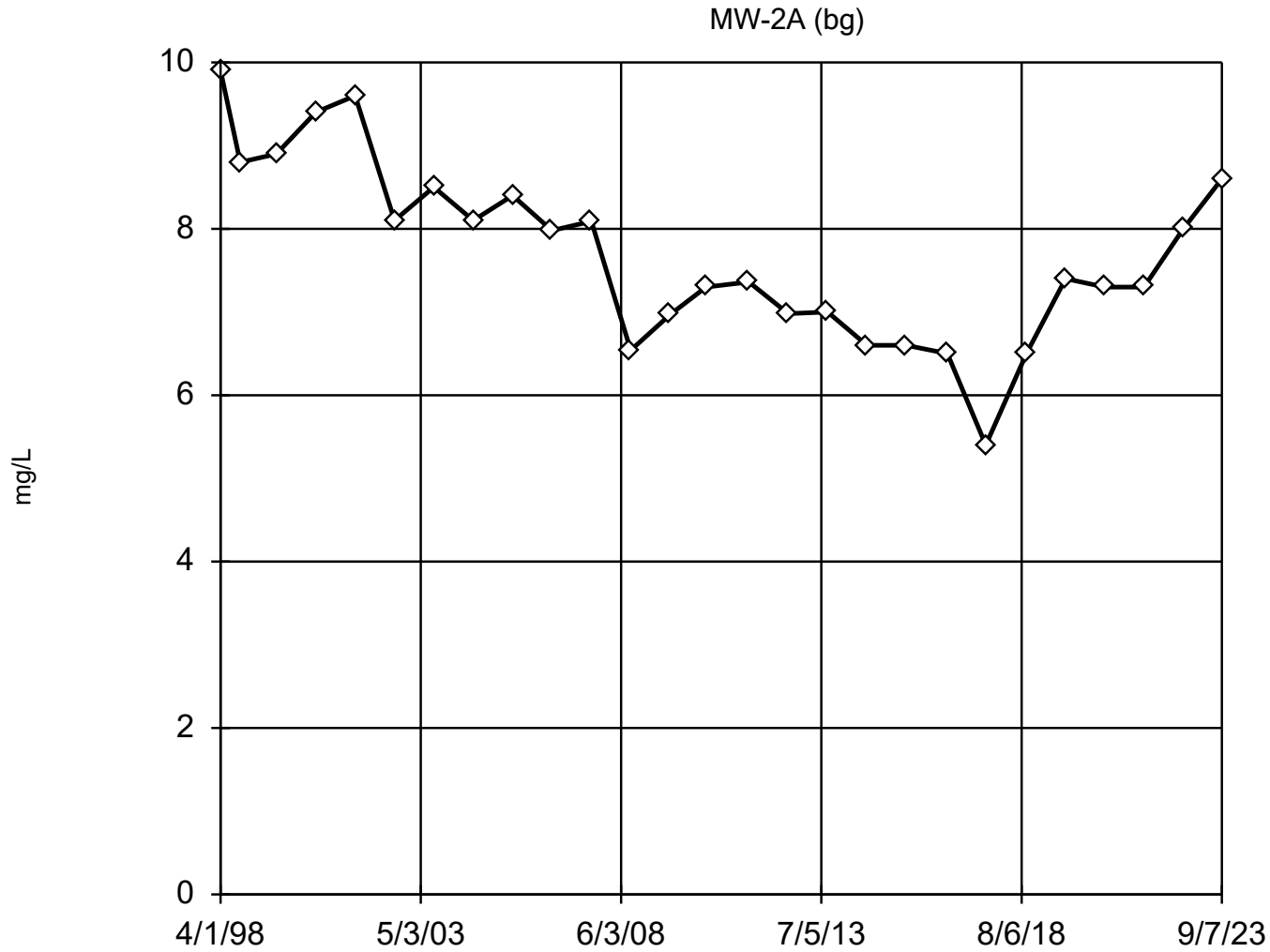
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

EPA 1989 Outlier Screening

Constituent: Boron (ug/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/16/2016	159
9/8/2017	222
9/20/2018	141
9/19/2019	200
9/14/2020	110
9/15/2021	140
9/14/2022	88 (J)
9/7/2023	100

EPA Screening (suspected outliers for Rosner's Test)



n = 27

Rosner's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 7.708, std. dev. 1.087, critical Tn 2.698

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9728
Critical = 0.935
The distribution was found to be normally distributed.

Constituent: Chloride Analysis Run 10/13/2023 9:00 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

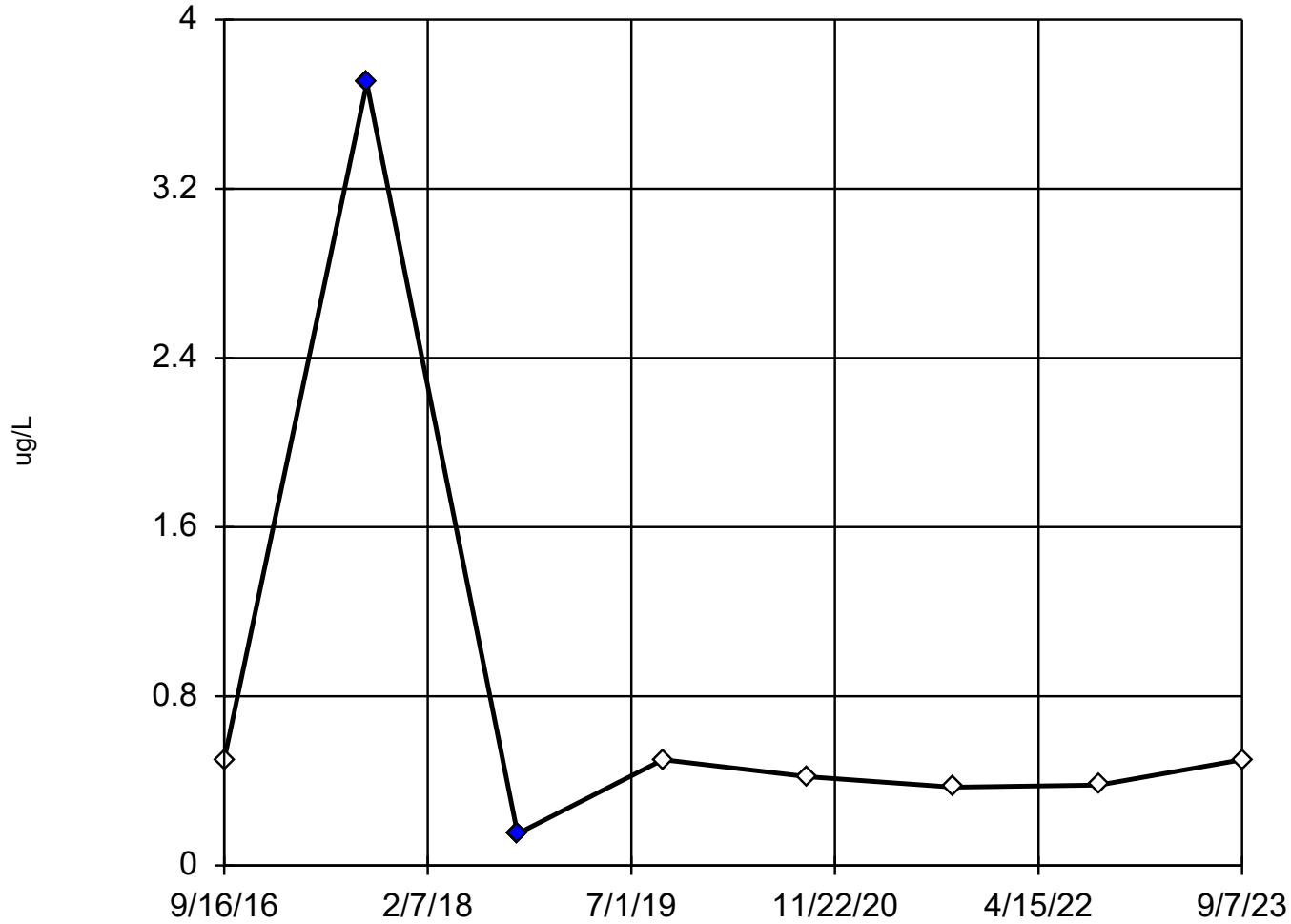
EPA 1989 Outlier Screening

Constituent: Chloride (mg/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
4/1/1998	9.9
10/1/1998	8.8
9/1/1999	8.9
9/1/2000	9.4
9/1/2001	9.6
9/1/2002	8.1
9/1/2003	8.5
9/1/2004	8.1
9/1/2005	8.4
9/1/2006	7.98
9/1/2007	8.09
9/1/2008	6.54
9/1/2009	6.97
8/1/2010	7.3
9/1/2011	7.36
9/1/2012	6.98
9/1/2013	7
9/1/2014	6.6
9/1/2015	6.6
9/16/2016	6.5
9/8/2017	5.4
9/20/2018	6.5
9/19/2019	7.4
9/14/2020	7.3
9/15/2021	7.3
9/14/2022	8
9/7/2023	8.6

Tukey's Outlier Screening

MW-2A (bg)



n = 8

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.186, low cutoff = 0.1581, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 10/13/2023 9:00 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

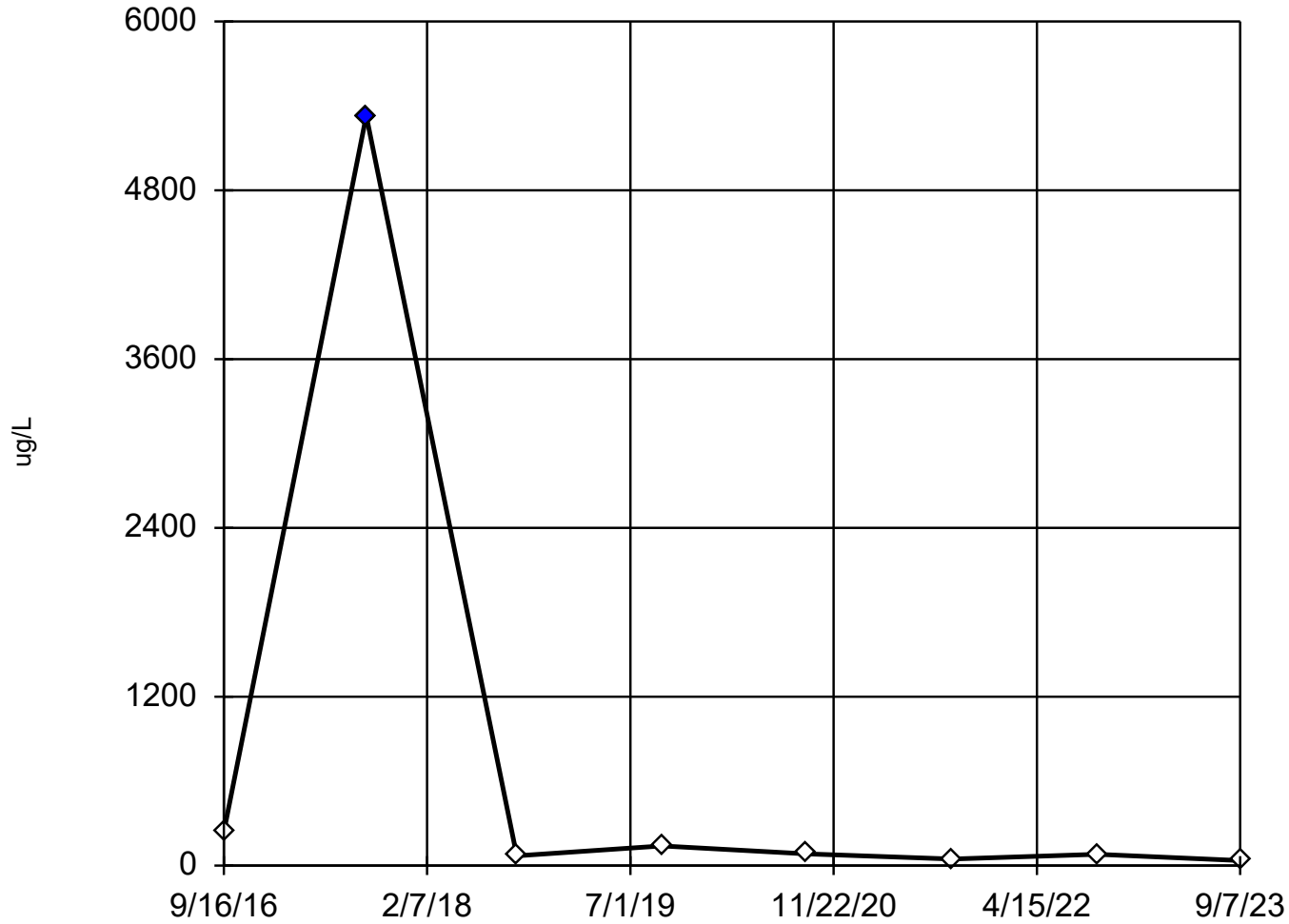
Tukey's Outlier Screening

Constituent: Cobalt (ug/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/16/2016	<0.5
9/8/2017	3.7 (O)
9/20/2018	<0.15 (O)
9/19/2019	0.5
9/14/2020	0.42 (J)
9/15/2021	0.37 (J)
9/14/2022	0.38 (J)
9/7/2023	0.5

Dixon's Outlier Test

MW-2A (bg)



n = 8

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 753.3.
Std. Dev. = 1850.
5330: c = 0.6554
tab1 = 0.554.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.966
Critical = 0.838 (after natural log transformation)
The distribution, after removal of suspect value, was found to be log-normal.

Constituent: Iron Analysis Run 10/13/2023 9:00 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

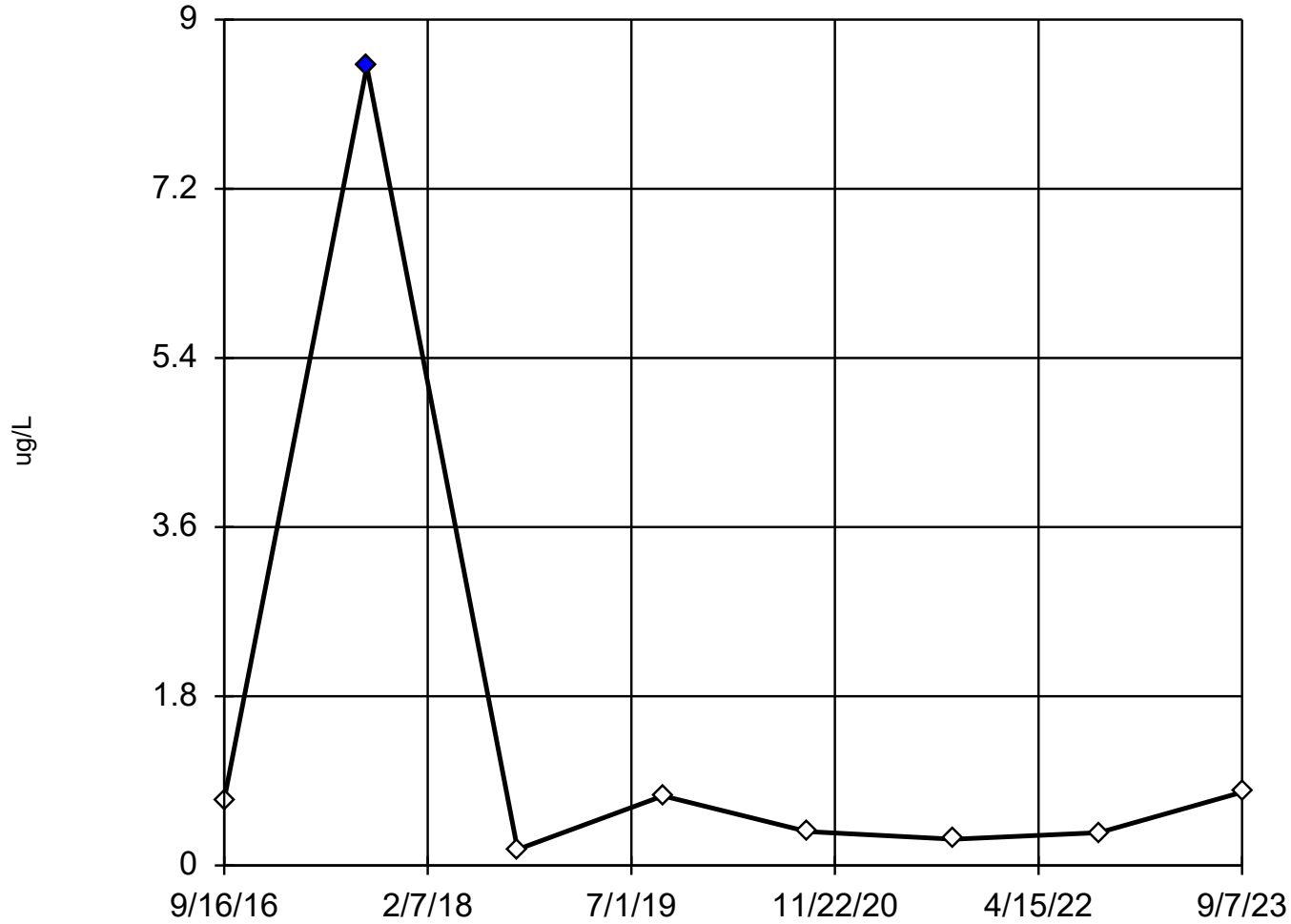
Dixon's Outlier Test

Constituent: Iron (ug/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/16/2016	240
9/8/2017	5330 (O)
9/20/2018	69.4
9/19/2019	140
9/14/2020	84 (J)
9/15/2021	47 (J)
9/14/2022	80 (J)
9/7/2023	36 (J)

Dixon's Outlier Test

MW-2A (bg)



n = 8

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 1.485.
Std. Dev. = 2.844.
8.5: c = 0.9392
tab1 = 0.554.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8662
Critical = 0.838
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Lead Analysis Run 10/13/2023 9:00 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

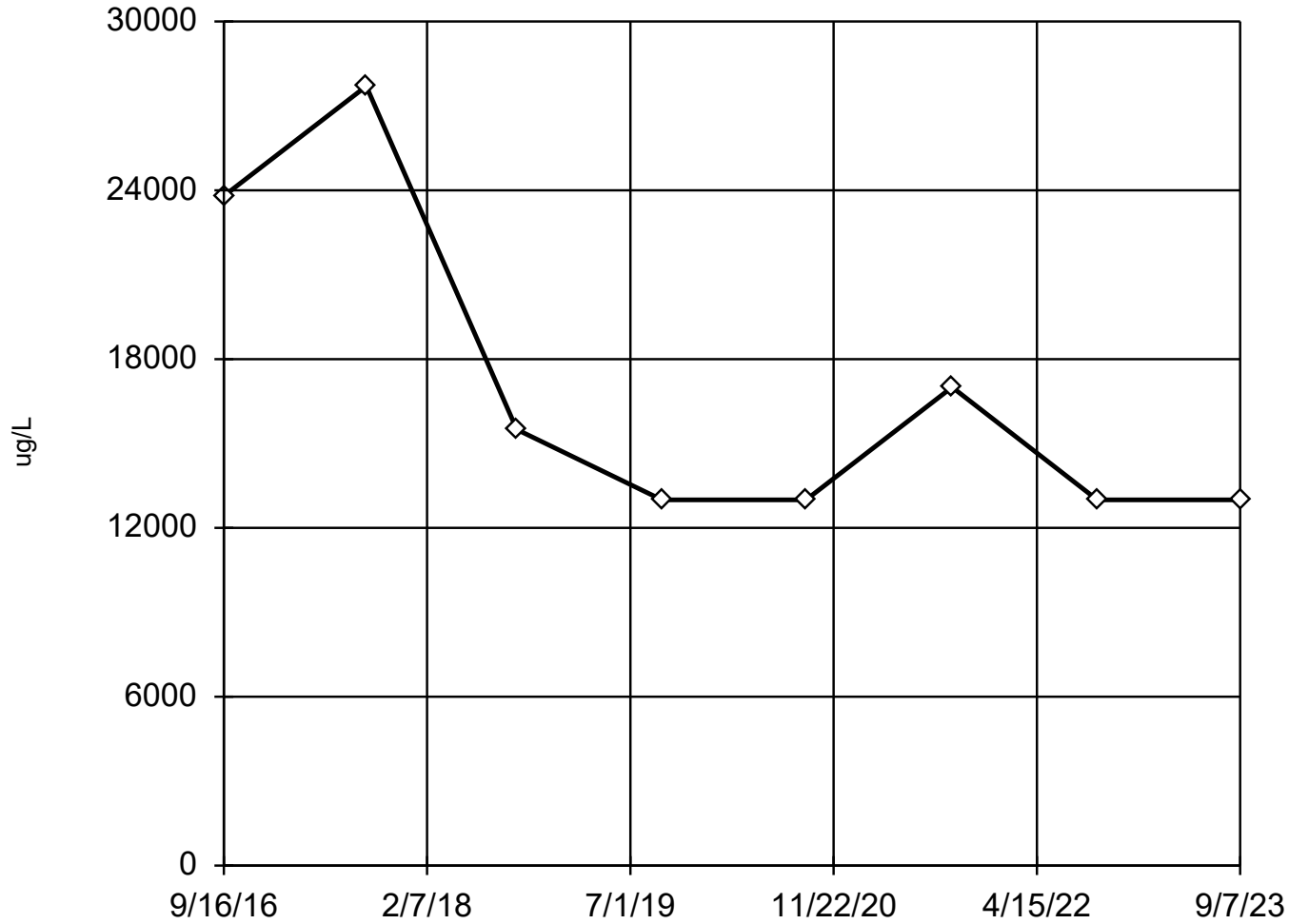
Dixon's Outlier Test

Constituent: Lead (ug/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/16/2016	0.7 (J)
9/8/2017	8.5 (O)
9/20/2018	0.17 (J)
9/19/2019	0.74
9/14/2020	0.36 (J)
9/15/2021	0.28 (J)
9/14/2022	0.35 (J)
9/7/2023	0.78

Tukey's Outlier Screening

MW-2A (bg)



n = 8

No outliers found.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 74511, low cutoff = 3509, based on IQR multiplier of 3.

Constituent: Magnesium Analysis Run 10/13/2023 9:00 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

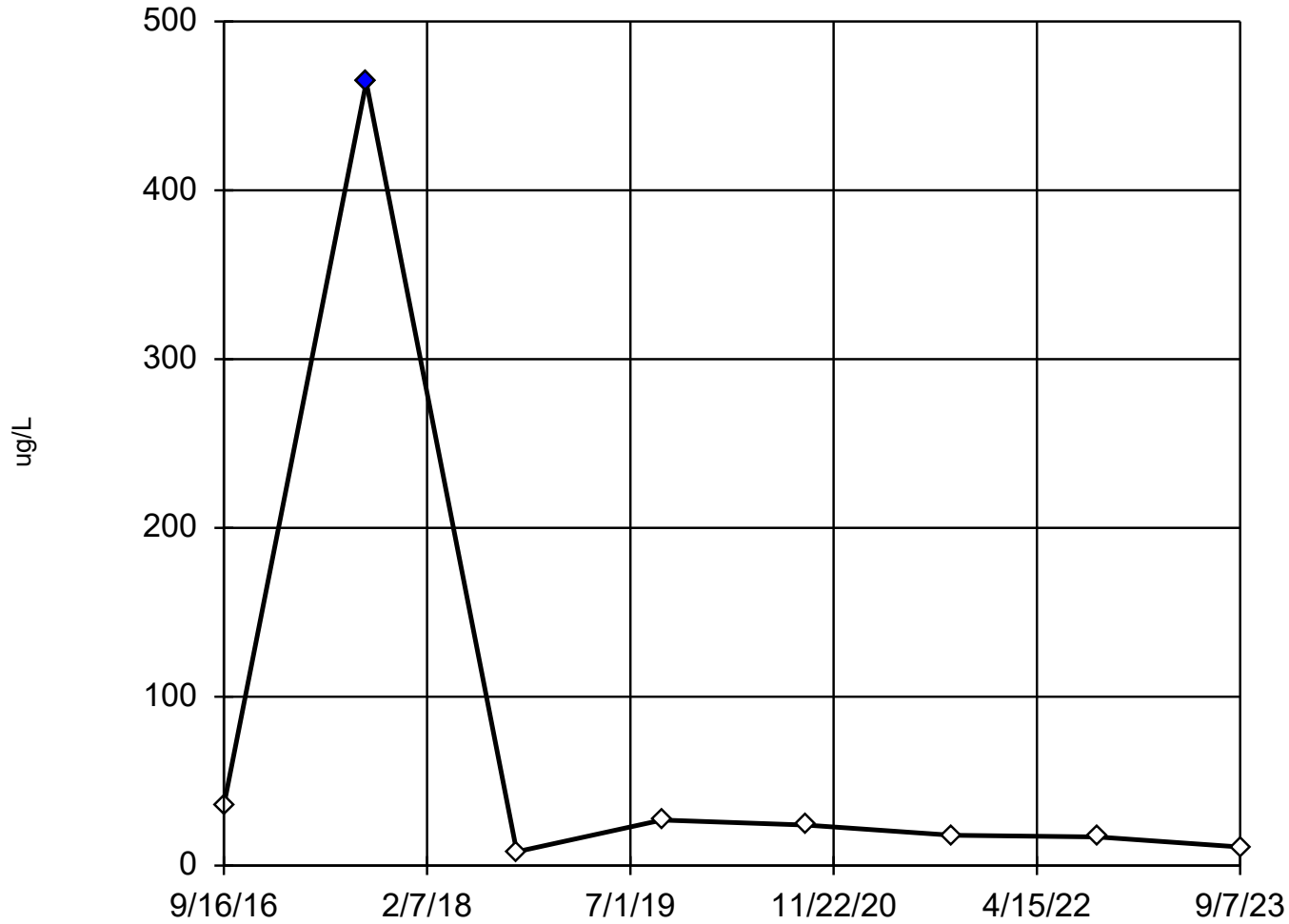
Tukey's Outlier Screening

Constituent: Magnesium (ug/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/16/2016	23800
9/8/2017	27700
9/20/2018	15500
9/19/2019	13000
9/14/2020	13000
9/15/2021	17000
9/14/2022	13000
9/7/2023	13000

Dixon's Outlier Test

MW-2A (bg)



n = 8

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 75.6.
Std. Dev. = 157.2.
464: c = 0.9457
tab1 = 0.554.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9692
Critical = 0.838
The distribution, after removal of suspect value, was found to be normally distributed.

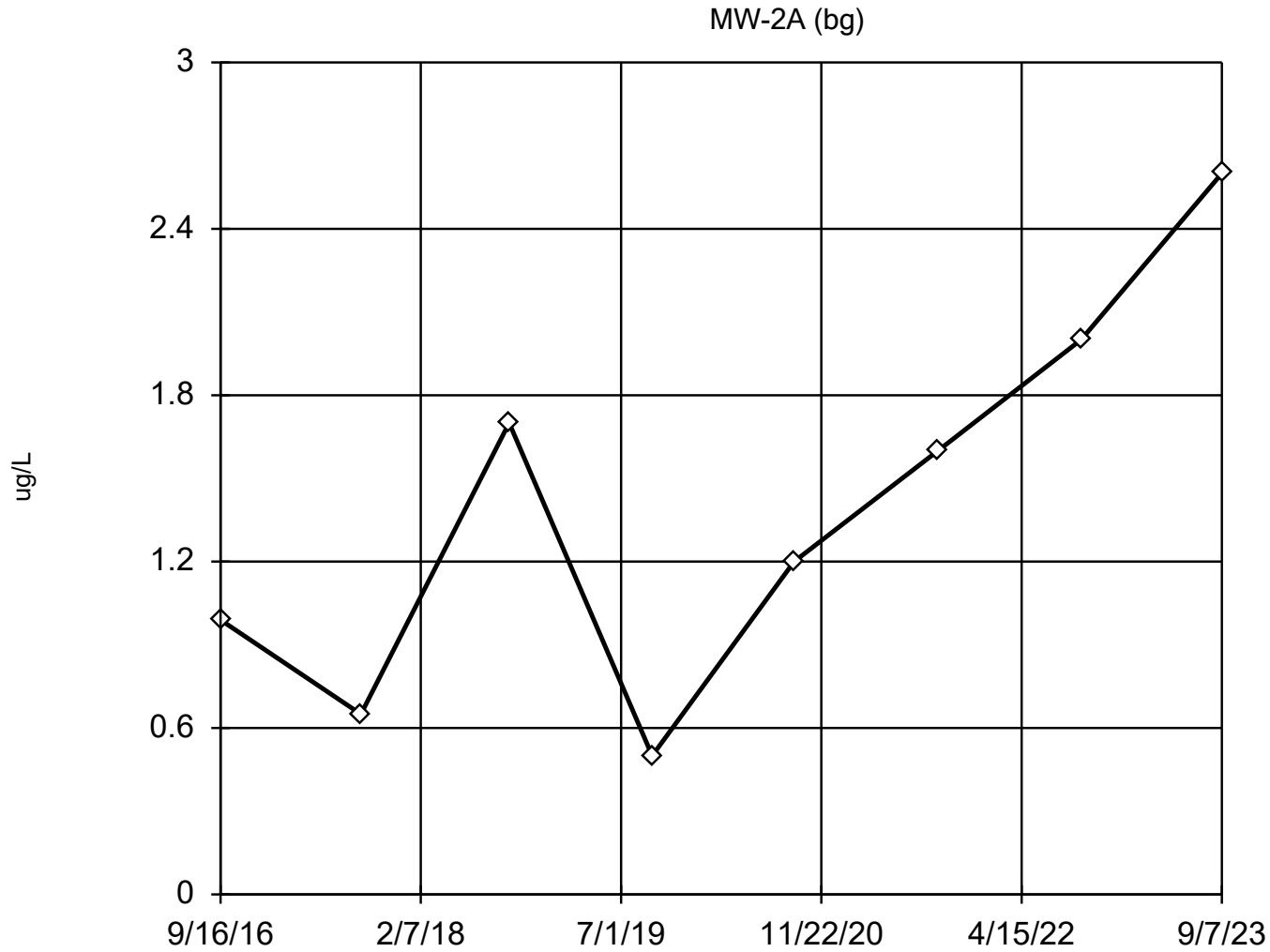
Constituent: Manganese Analysis Run 10/13/2023 9:00 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Dixon's Outlier Test

Constituent: Manganese (ug/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/16/2016	35.6
9/8/2017	464 (O)
9/20/2018	8.2
9/19/2019	27
9/14/2020	24
9/15/2021	18
9/14/2022	17
9/7/2023	11

EPA Screening (suspected outliers for Dixon's Test)



n = 8

Dixon's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 1.405, std. dev. 0.7082, critical Tn 2.032

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9689
Critical = 0.851
The distribution was found to be normally distributed.

Constituent: Selenium Analysis Run 10/13/2023 9:00 AM View: Shallow

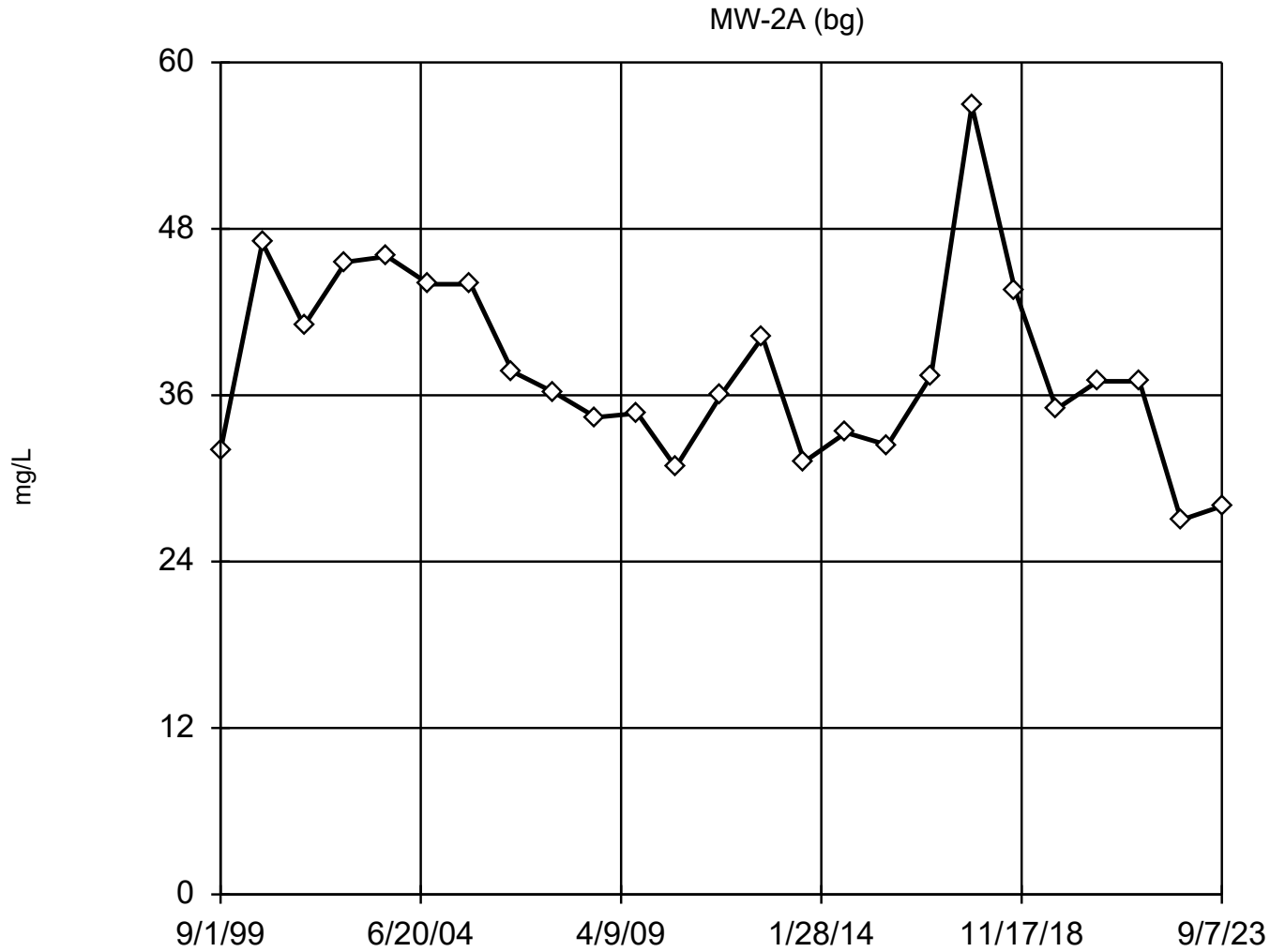
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

EPA 1989 Outlier Screening

Constituent: Selenium (ug/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/16/2016	0.99 (J)
9/8/2017	0.65 (J)
9/20/2018	1.7
9/19/2019	<1
9/14/2020	1.2 (J)
9/15/2021	1.6 (J)
9/14/2022	2 (J)
9/7/2023	2.6 (J)

EPA Screening (suspected outliers for Rosner's Test)



n = 25

Rosner's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 37.94, std. dev. 6.856, critical Tn 2.663

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9518
Critical = 0.931
The distribution was found to be normally distributed.

Constituent: Sulfate Analysis Run 10/13/2023 9:00 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

EPA 1989 Outlier Screening

Constituent: Sulfate (mg/L) Analysis Run 10/13/2023 9:01 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-2A (bg)
9/1/1999	32
9/1/2000	47
9/1/2001	41
9/1/2002	45.6
9/1/2003	46
9/1/2004	44
9/1/2005	44
9/1/2006	37.7
9/1/2007	36.2
9/1/2008	34.4
9/1/2009	34.7
8/1/2010	30.8
9/1/2011	36
9/1/2012	40.2
9/1/2013	31.2
9/1/2014	33.3
9/1/2015	32.4
9/16/2016	37.4
9/8/2017	56.9
9/20/2018	43.6
9/19/2019	35
9/14/2020	37
9/15/2021	37
9/14/2022	27
9/7/2023	28

Attachment E4

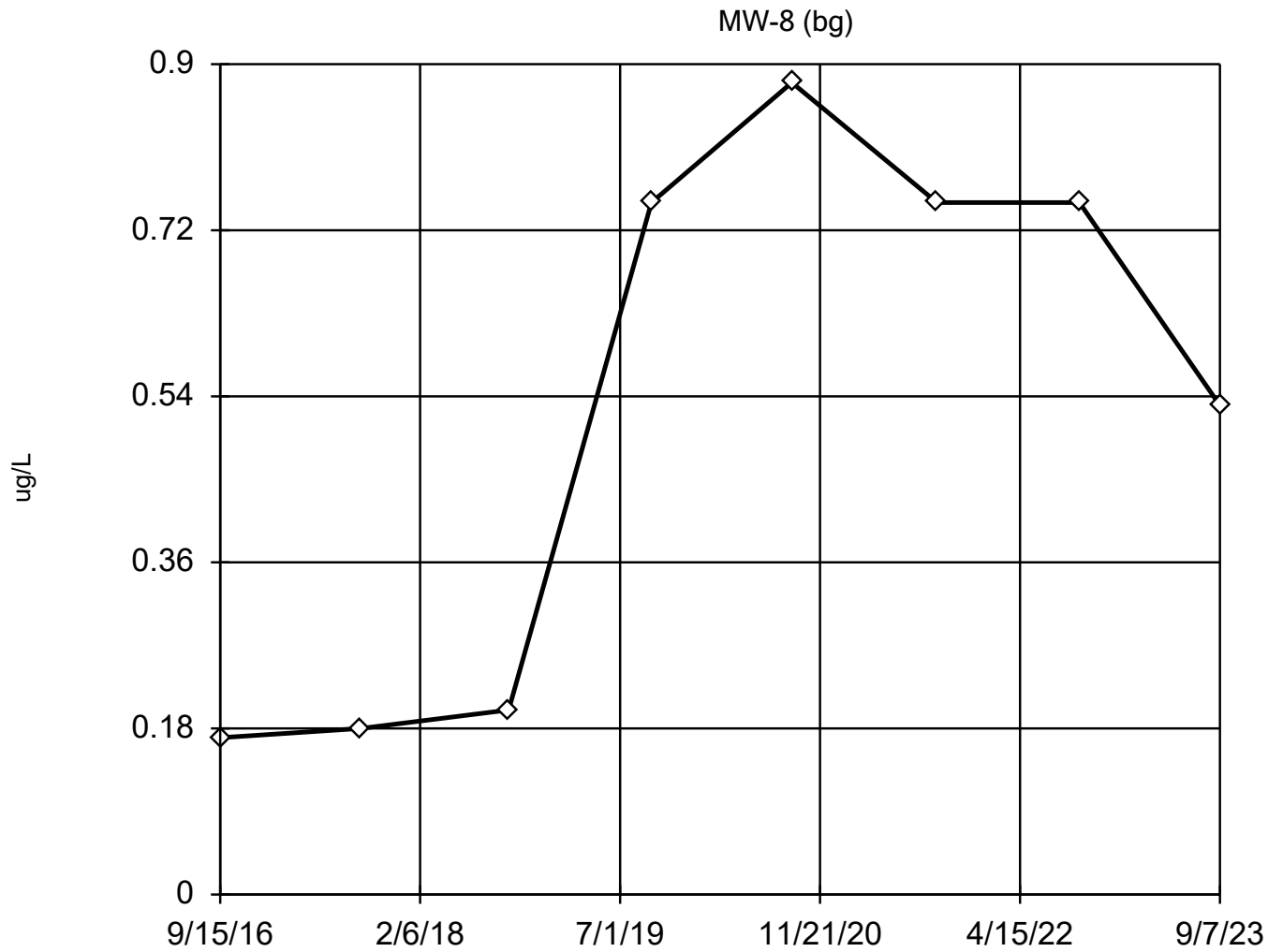
Outlier Analysis Results – Deep Unit

Outlier Analysis

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile Printed 10/13/2023, 9:17 AM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Arsenic (ug/L)	MW-8 (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.5262	0.2997	unknown	ShapiroWilk
Barium (ug/L)	MW-8 (bg)	No	n/a	n/a	Dixon`s	0.05	8	84.31	4.506	normal	ShapiroWilk
Beryllium (ug/L)	MW-8 (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.2028	0.115	unknown	ShapiroWilk
Boron (ug/L)	MW-8 (bg)	No	n/a	n/a	EPA 1989	0.05	8	571.6	415.9	ln(x)	ShapiroWilk
Chloride (mg/L)	MW-8 (bg)	No	n/a	n/a	NP (nrm)	NaN	37	5.219	2.337	unknown	ShapiroWilk
Cobalt (ug/L)	MW-8 (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.3338	0.1338	normal	ShapiroWilk
Iron (ug/L)	MW-8 (bg)	No	n/a	n/a	EPA 1989	0.05	8	56.45	17.9	normal	ShapiroWilk
Lead (ug/L)	MW-8 (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.2784	0.1632	normal	ShapiroWilk
Magnesium (ug/L)	MW-8 (bg)	No	n/a	n/a	EPA 1989	0.05	8	19500	1122	normal	ShapiroWilk
Manganese (ug/L)	MW-8 (bg)	Yes	27.6	9/15/2016	Dixon`s	0.05	8	72.81	20.89	normal	ShapiroWilk
Selenium (ug/L)	MW-8 (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.7182	0.4988	unknown	ShapiroWilk
Sulfate (mg/L)	MW-8 (bg)	No	n/a	n/a	EPA 1989	0.05	25	44.23	21.24	normal	ShapiroWilk

Tukey's Outlier Screening



n = 8

No outliers found.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were cube transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.186, low cutoff = -1.074, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 10/13/2023 9:16 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

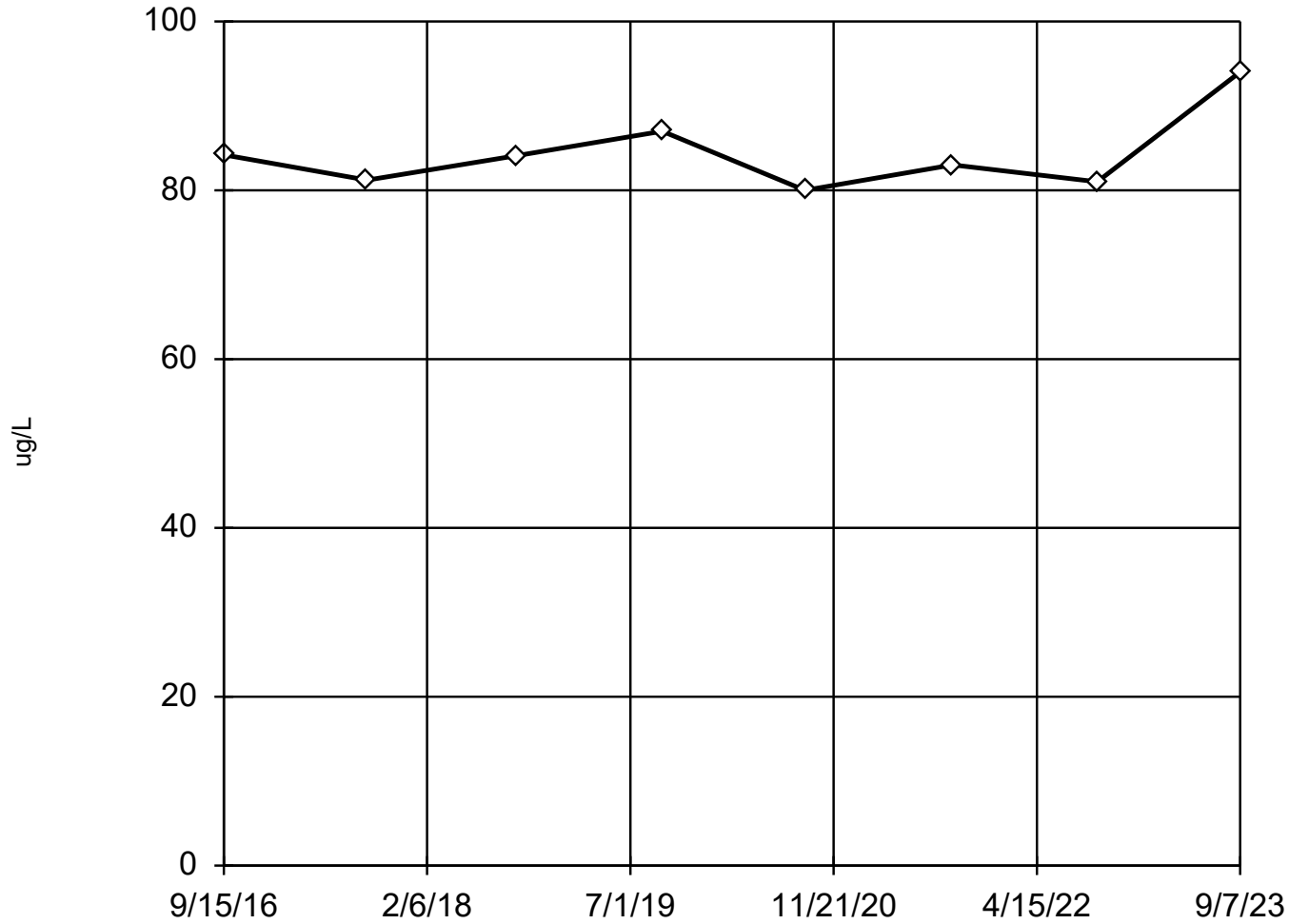
Tukey's Outlier Screening

Constituent: Arsenic (ug/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)
9/15/2016	0.17 (J)
9/9/2017	0.18 (J)
9/20/2018	0.2 (J)
9/19/2019	<0.75
9/11/2020	<0.88
9/16/2021	<0.75
9/14/2022	<0.75
9/7/2023	<0.53 (U)

Dixon's Outlier Test

MW-8 (bg)



n = 8

No statistical outliers.
Testing for 1 high outlier.
Mean = 84.31.
Std. Dev. = 4.506.
94: c = 0.5385
tab1 = 0.554.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9451
Critical = 0.838
The distribution was found
to be normally distrib-
uted.

Constituent: Barium Analysis Run 10/13/2023 9:16 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

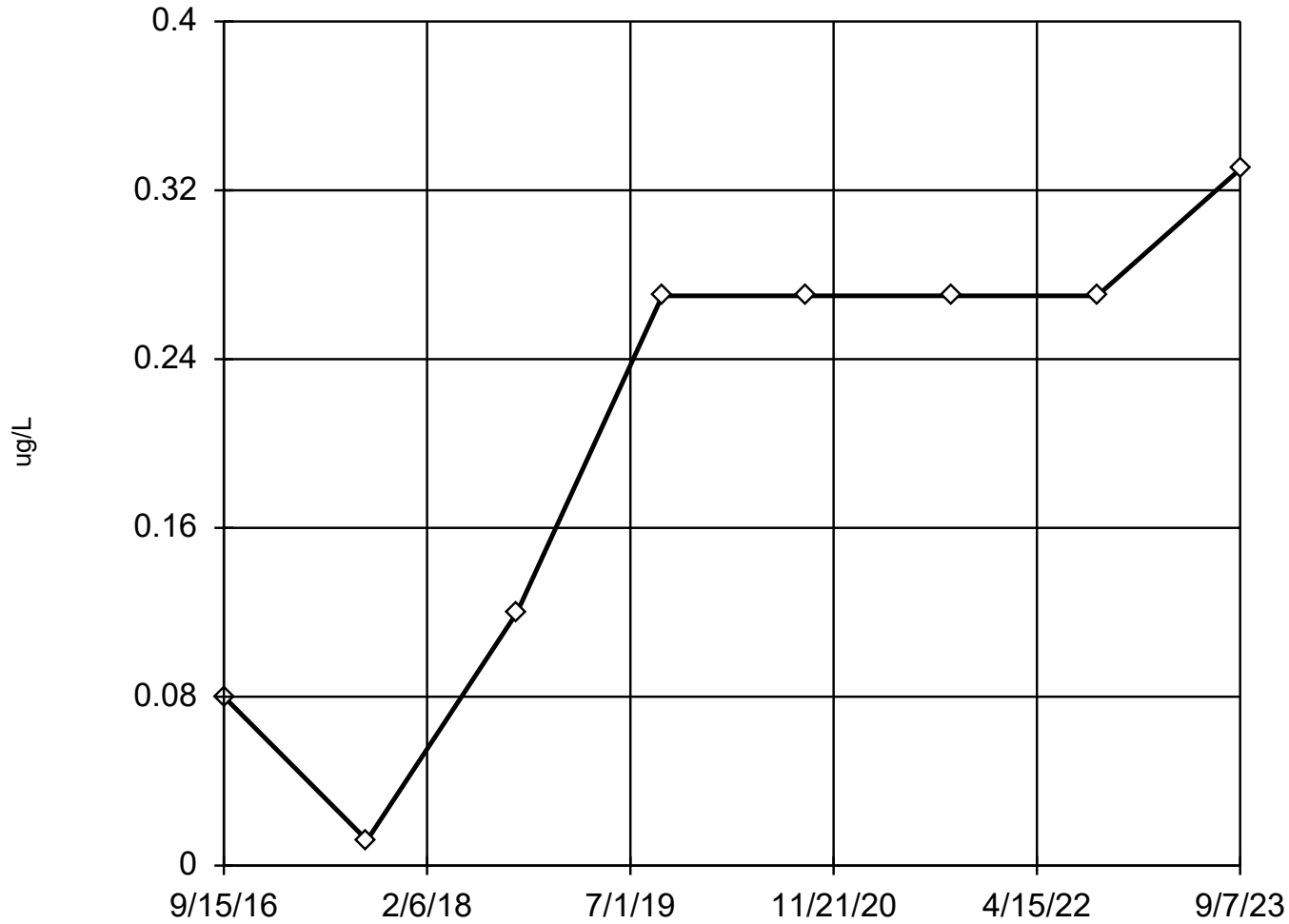
Dixon's Outlier Test

Constituent: Barium (ug/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)
9/15/2016	84.2
9/9/2017	81.2
9/20/2018	84.1
9/19/2019	87
9/11/2020	80
9/16/2021	83
9/14/2022	81 (B)
9/7/2023	94

Tukey's Outlier Screening

MW-8 (bg)



n = 8

No outliers found.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.5103,
low cutoff = -0.4208,
based on IQR multiplier of 3.

Constituent: Beryllium Analysis Run 10/13/2023 9:16 AM View: Deep

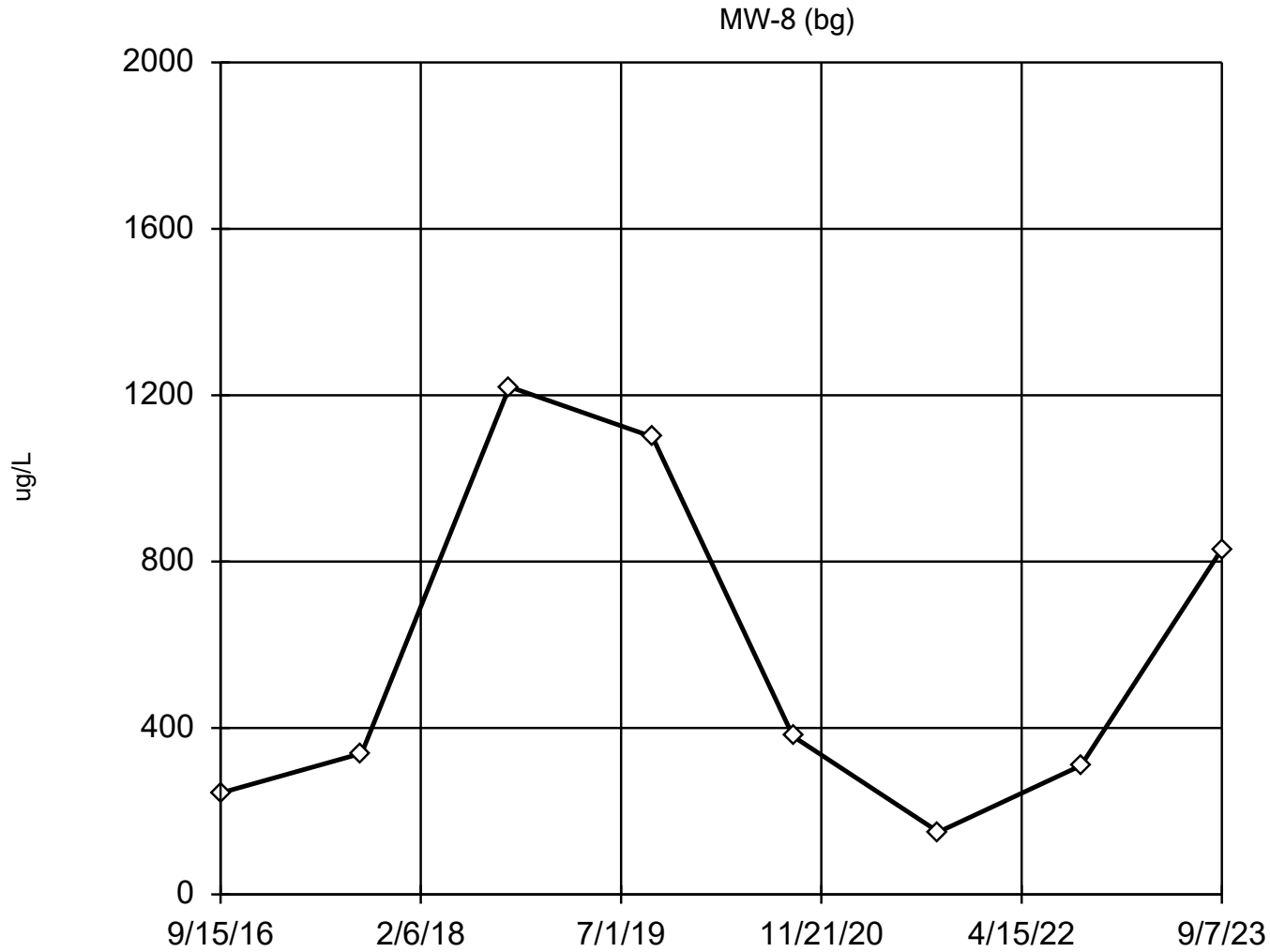
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Tukey's Outlier Screening

Constituent: Beryllium (ug/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)
9/15/2016	<0.08
9/9/2017	<0.012
9/20/2018	<0.12
9/19/2019	<0.27
9/11/2020	<0.27
9/16/2021	<0.27
9/14/2022	<0.27
9/7/2023	<0.33 (U)

EPA Screening (suspected outliers for Dixon's Test)



n = 8

Dixon's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 571.6, std. dev. 415.9, critical Tn 2.032

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9251
Critical = 0.851 (after natural log transformation)
The distribution was found to be log-normal.

Constituent: Boron Analysis Run 10/13/2023 9:16 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

EPA 1989 Outlier Screening

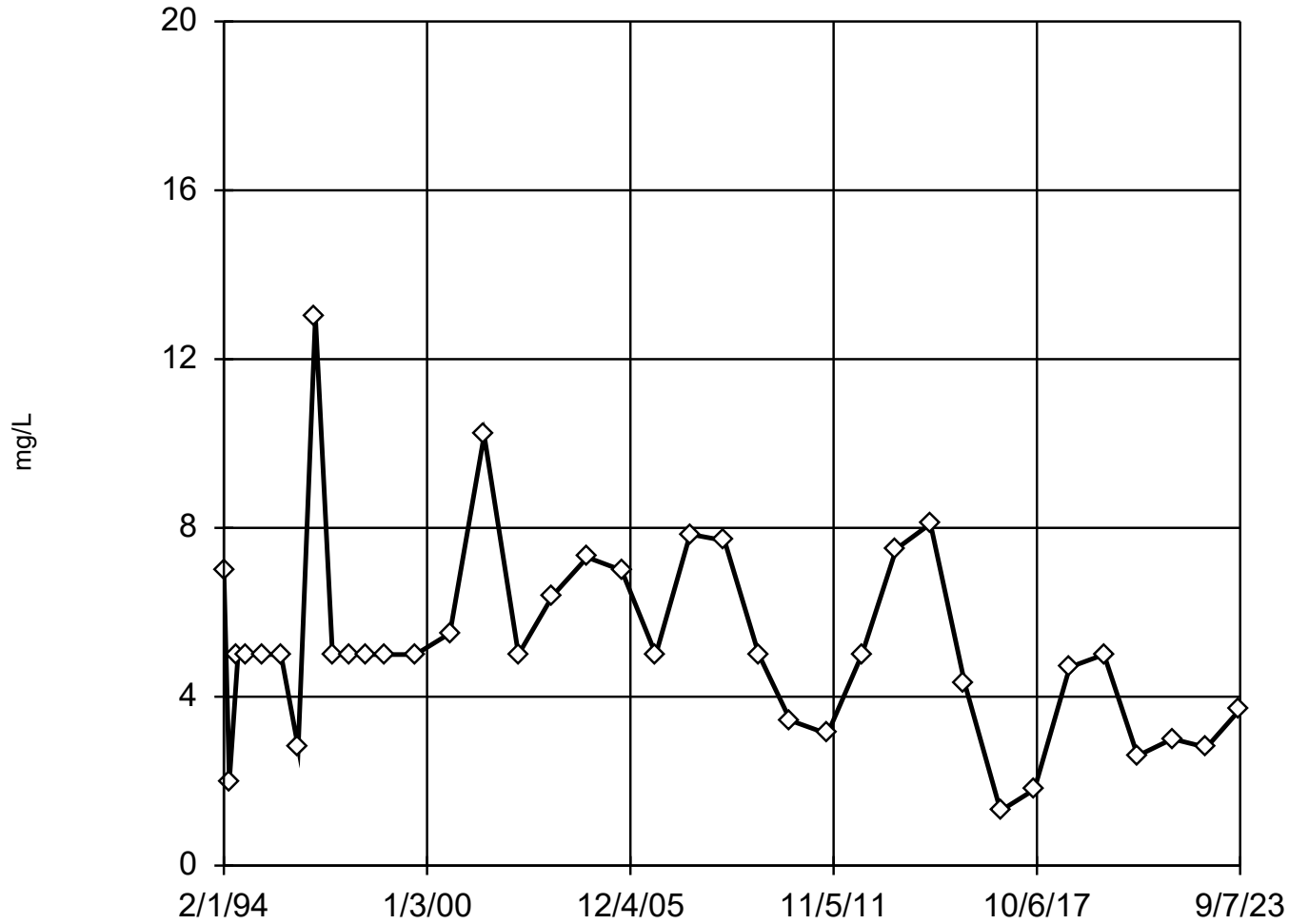
Constituent: Boron (ug/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

MW-8 (bg)

9/15/2016	244
9/9/2017	339
9/20/2018	1220
9/19/2019	1100
9/11/2020	380
9/16/2021	150
9/14/2022	310
9/7/2023	830

Tukey's Outlier Screening

MW-8 (bg)



n = 37

No outliers found.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 25.8, low cutoff = 0.09616, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 10/13/2023 9:16 AM View: Deep

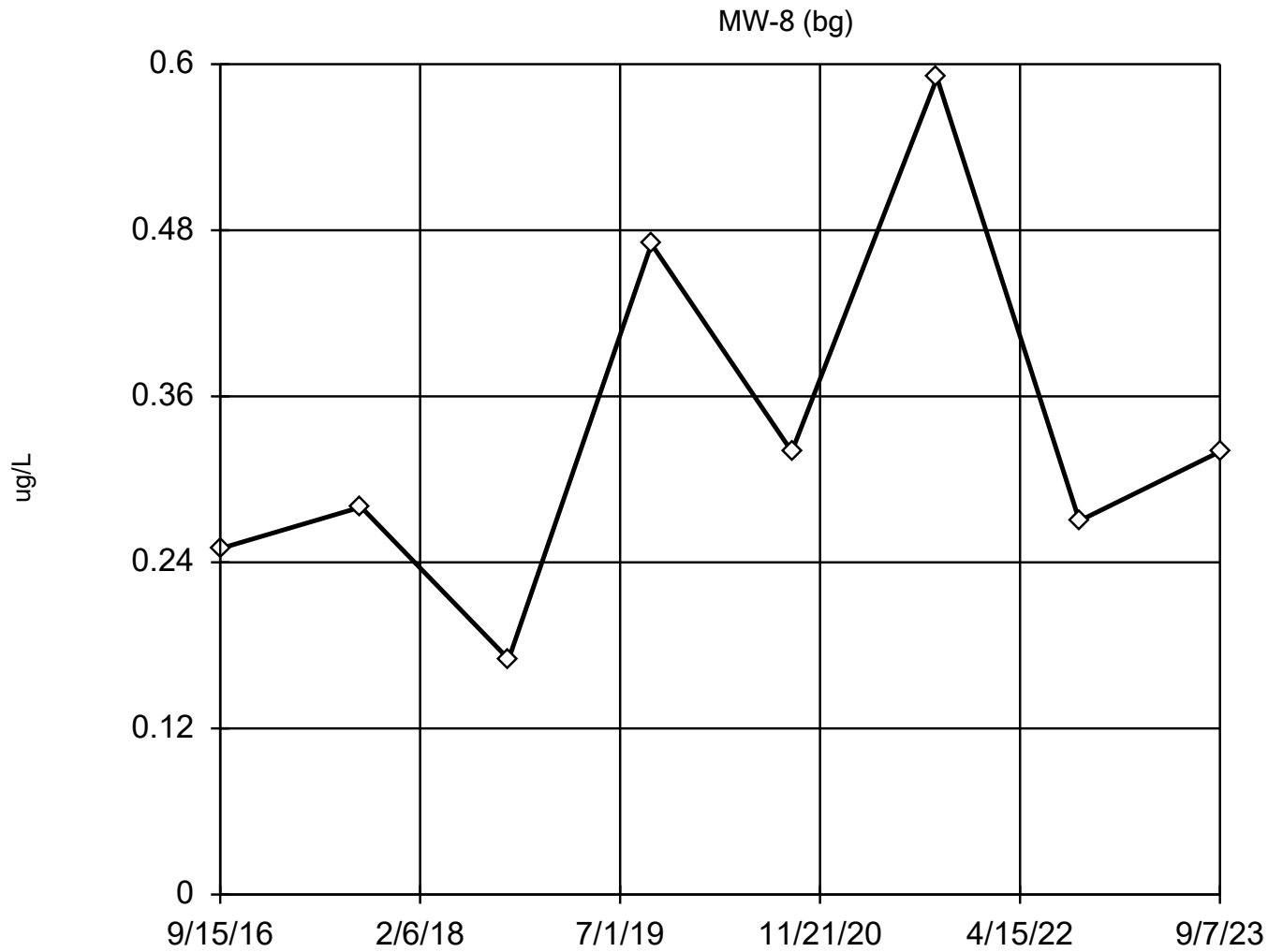
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Tukey's Outlier Screening

Constituent: Chloride (mg/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)
2/1/1994	7
4/1/1994	2
7/1/1994	<5
10/1/1994	<5
4/1/1995	<5
10/1/1995	<5
4/1/1996	2.8
10/1/1996	13
4/1/1997	<5
10/1/1997	<5
4/1/1998	<5
10/1/1998	<5
9/1/1999	<5
9/1/2000	5.5
9/1/2001	10.2
9/1/2002	<5
9/1/2003	6.4
9/1/2004	7.3
9/1/2005	7
9/1/2006	<5
9/1/2007	7.85
9/1/2008	7.7
9/1/2009	<5
8/1/2010	3.44
9/1/2011	3.12
9/1/2012	<5
9/1/2013	7.5
9/1/2014	8.1
9/1/2015	4.3
9/15/2016	1.3
9/9/2017	1.8
9/20/2018	4.7
9/19/2019	5
9/11/2020	2.6 (J)
9/16/2021	3 (J)
9/14/2022	2.8 (J)
9/7/2023	3.7 (J)

EPA Screening (suspected outliers for Dixon's Test)



n = 8

Dixon's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 0.3338, std. dev. 0.1338, critical Tn 2.032

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8937
Critical = 0.851
The distribution was found to be normally distributed.

Constituent: Cobalt Analysis Run 10/13/2023 9:16 AM View: Deep

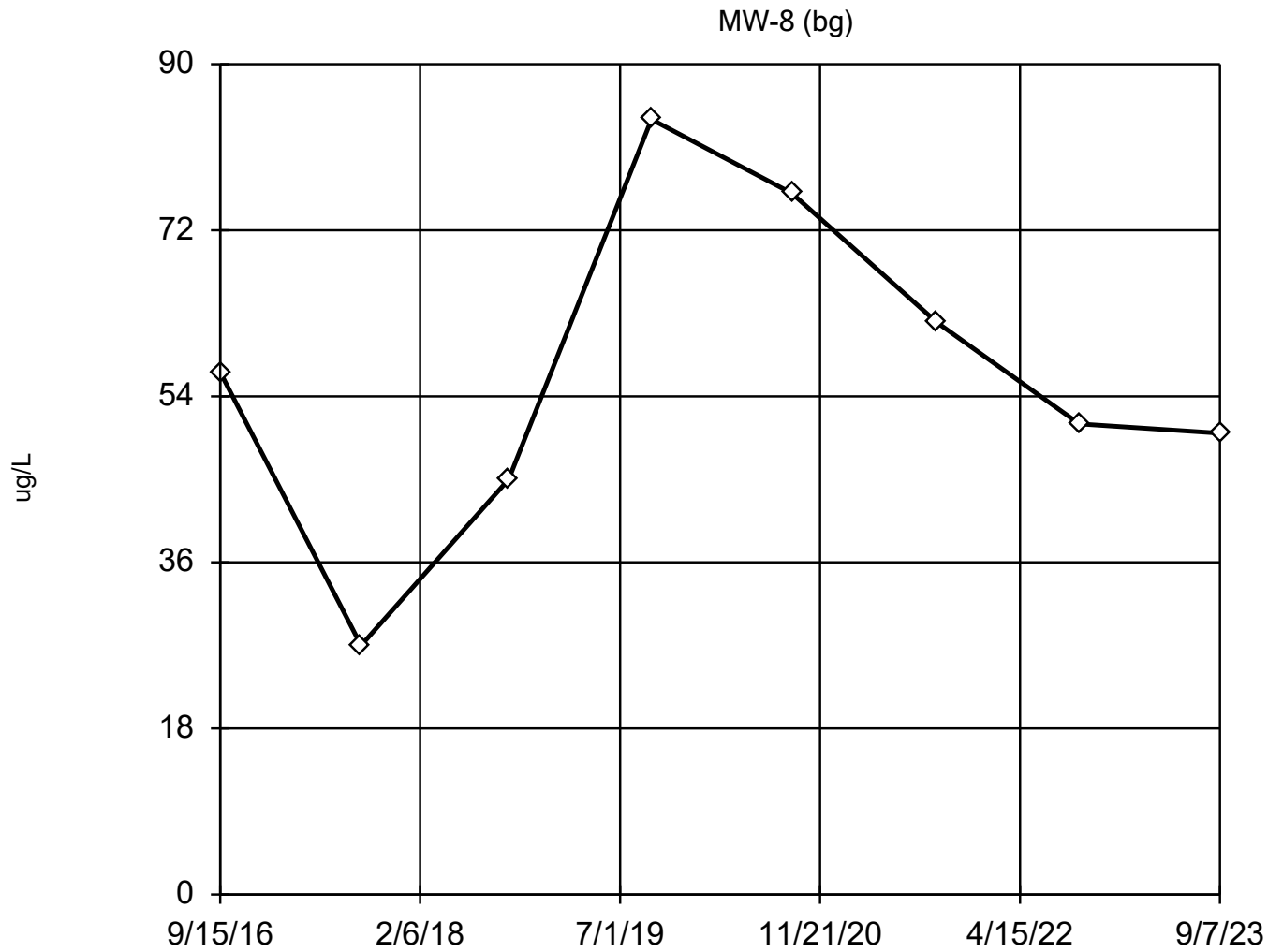
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

EPA 1989 Outlier Screening

Constituent: Cobalt (ug/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)
9/15/2016	<0.5
9/9/2017	0.28 (J)
9/20/2018	0.17 (J)
9/19/2019	0.47 (J)
9/11/2020	0.32 (J)
9/16/2021	0.59
9/14/2022	0.27 (J)
9/7/2023	0.32 (J)

EPA Screening (suspected outliers for Dixon's Test)



n = 8

Dixon's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 56.45, std. dev. 17.9, critical Tn 2.032

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9733
Critical = 0.851
The distribution was found to be normally distributed.

Constituent: Iron Analysis Run 10/13/2023 9:16 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

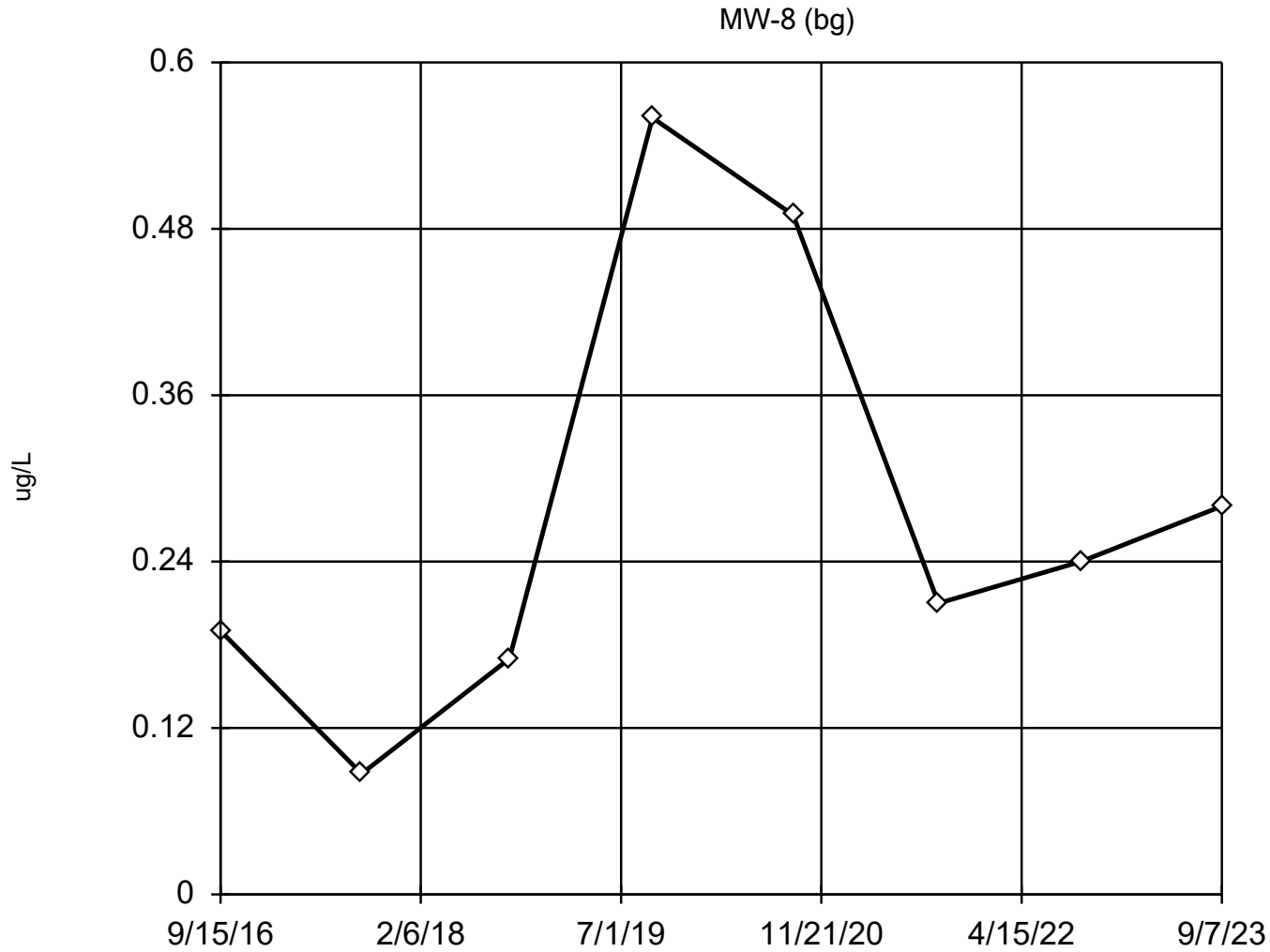
EPA 1989 Outlier Screening

Constituent: Iron (ug/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

MW-8 (bg)

9/15/2016	56.6
9/9/2017	27 (J)
9/20/2018	45 (J)
9/19/2019	84 (J)
9/11/2020	76 (J)
9/16/2021	62 (J)
9/14/2022	51 (J)
9/7/2023	50 (J)

EPA Screening (suspected outliers for Dixon's Test)



n = 8

Dixon's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 0.2784, std. dev. 0.1632, critical Tn 2.032

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.8793
Critical = 0.851
The distribution was found to be normally distributed.

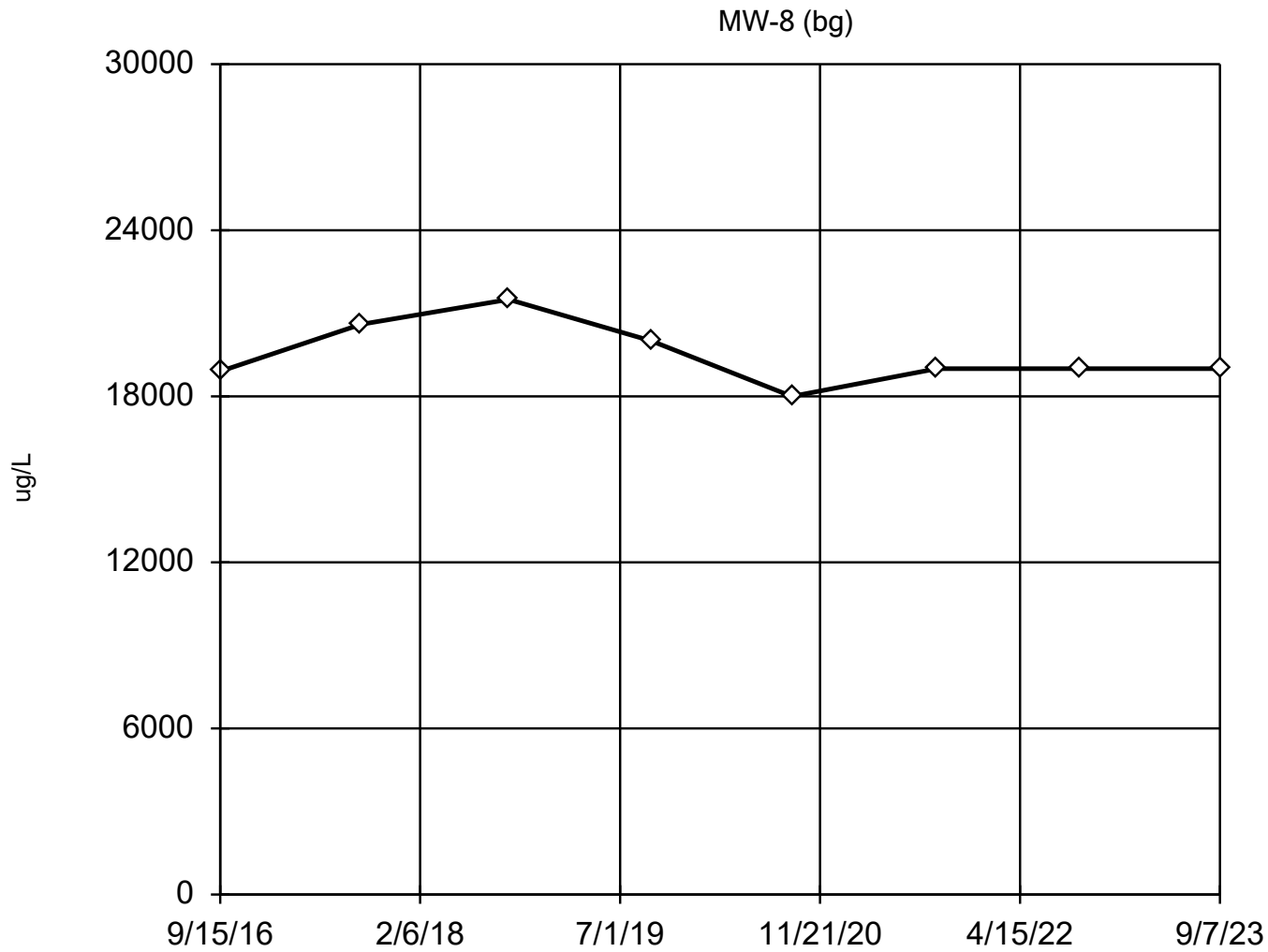
Constituent: Lead Analysis Run 10/13/2023 9:16 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

EPA 1989 Outlier Screening

Constituent: Lead (ug/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)
9/15/2016	<0.19
9/9/2017	0.087 (J)
9/20/2018	0.17 (J)
9/19/2019	0.56
9/11/2020	0.49 (J)
9/16/2021	<0.21
9/14/2022	<0.24
9/7/2023	0.28 (J)

EPA Screening (suspected outliers for Dixon's Test)



n = 8

Dixon's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 19500, std. dev. 1122, critical Tn 2.032

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9083
Critical = 0.851
The distribution was found to be normally distributed.

Constituent: Magnesium Analysis Run 10/13/2023 9:16 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

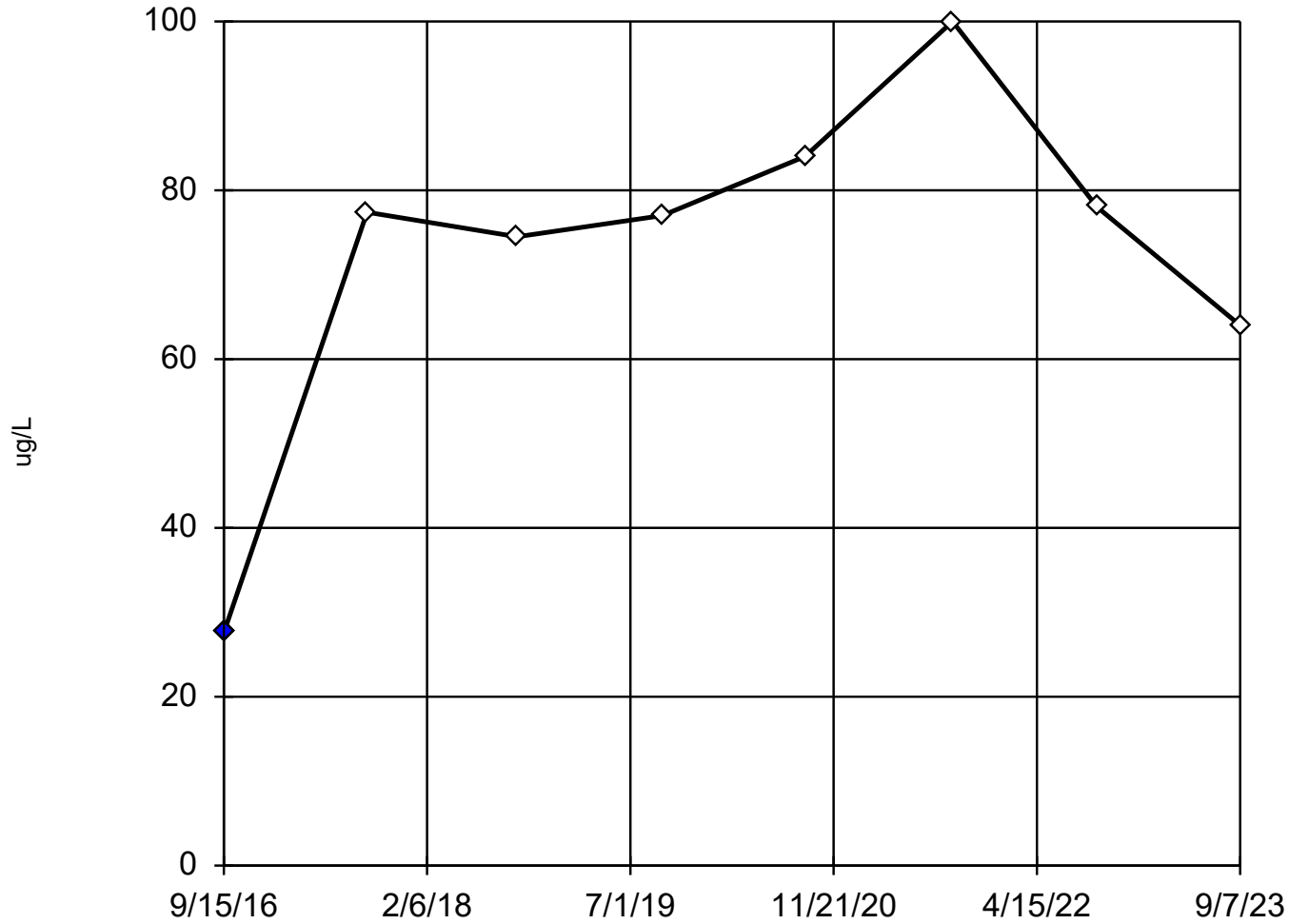
EPA 1989 Outlier Screening

Constituent: Magnesium (ug/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)
9/15/2016	18900
9/9/2017	20600
9/20/2018	21500
9/19/2019	20000
9/11/2020	18000
9/16/2021	19000
9/14/2022	19000
9/7/2023	19000

Dixon's Outlier Test

MW-8 (bg)



n = 8

Statistical outlier is drawn as solid.
Testing for 1 low outlier.
Mean = 72.81.
Std. Dev. = 20.89.
27.6: c = 0.6454
tab1 = 0.554.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9023
Critical = 0.838
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Manganese Analysis Run 10/13/2023 9:16 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

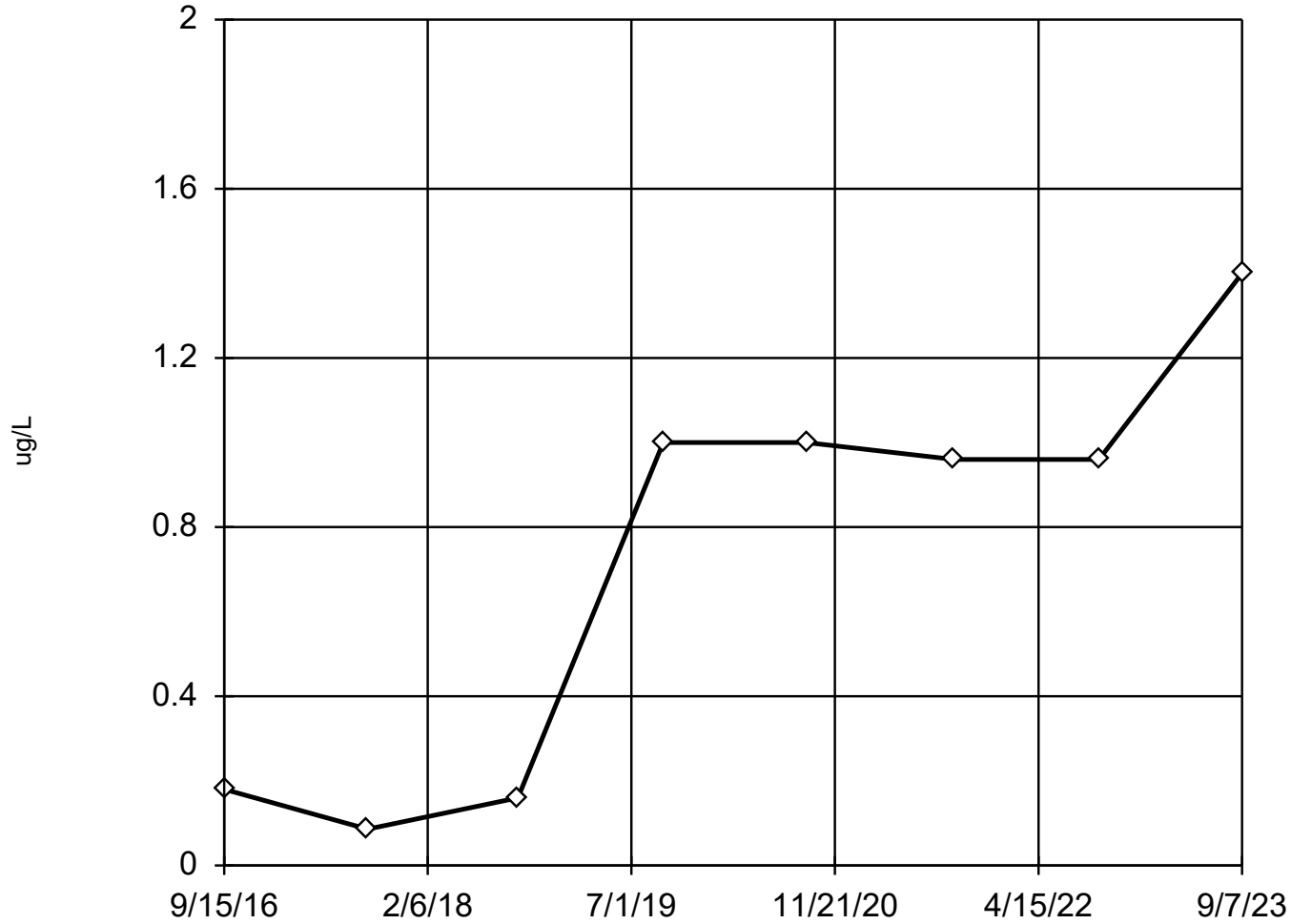
Dixon's Outlier Test

Constituent: Manganese (ug/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)
9/15/2016	27.6 (O)
9/9/2017	77.4
9/20/2018	74.5
9/19/2019	77
9/11/2020	84
9/16/2021	100
9/14/2022	78
9/7/2023	64

Tukey's Outlier Screening

MW-8 (bg)



n = 8

No outliers found.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.1 alpha level.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.978, low cutoff = -1.698, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 10/13/2023 9:16 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

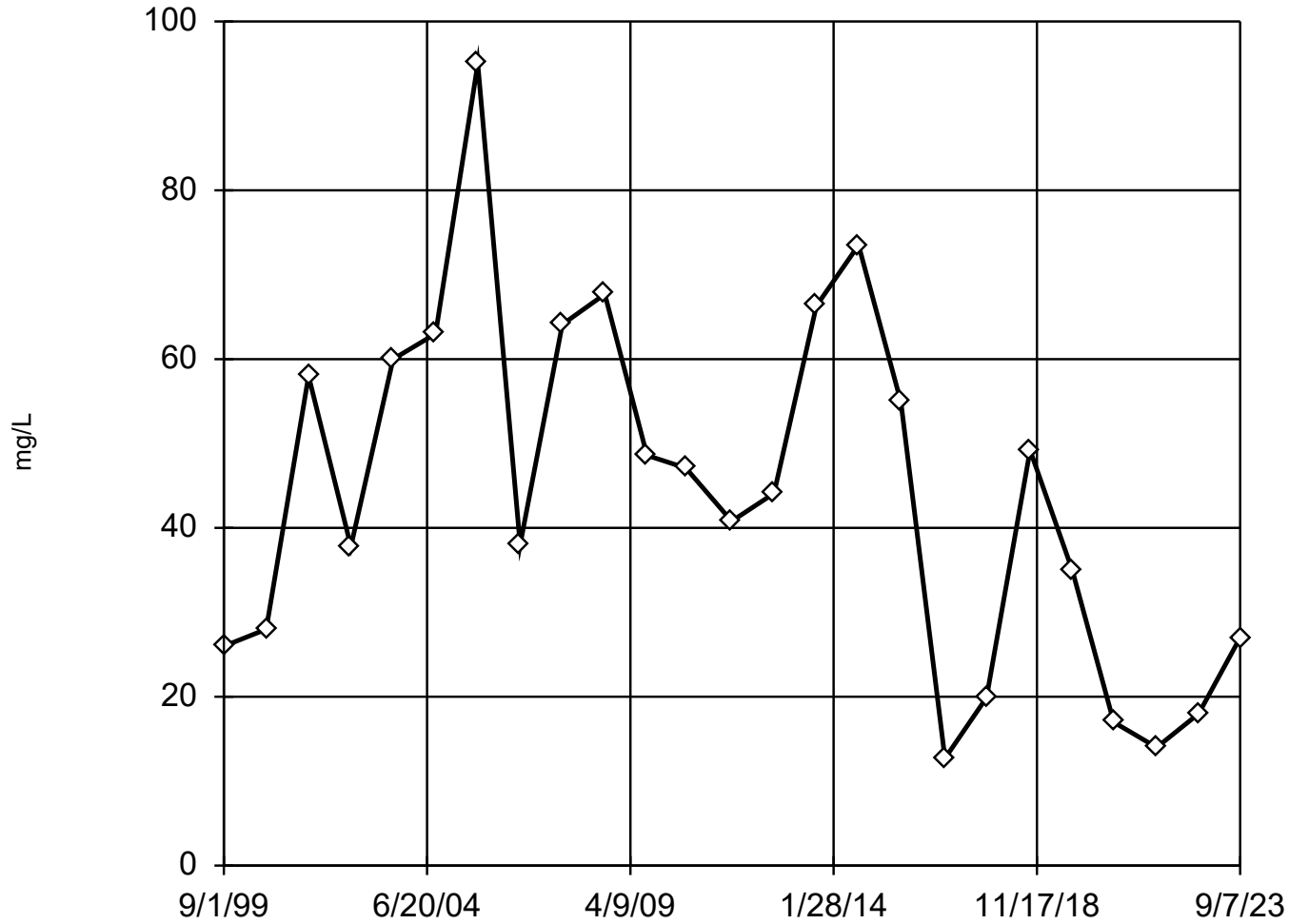
Tukey's Outlier Screening

Constituent: Selenium (ug/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)
9/15/2016	<0.18
9/9/2017	<0.086
9/20/2018	<0.16
9/19/2019	<1
9/11/2020	<1
9/16/2021	<0.96
9/14/2022	<0.96
9/7/2023	<1.4 (U)

EPA Screening (suspected outliers for Rosner's Test)

MW-8 (bg)



n = 25

Rosner's will not be run.
No suspect values identified or unable to establish suspect values.
Mean 44.23, std. dev. 21.24, critical Tn 2.663

Normality test used:
Shapiro Wilk@alpha = 0.1
Calculated = 0.9643
Critical = 0.931
The distribution was found to be normally distributed.

Constituent: Sulfate Analysis Run 10/13/2023 9:16 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

EPA 1989 Outlier Screening

Constituent: Sulfate (mg/L) Analysis Run 10/13/2023 9:17 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)
9/1/1999	26
9/1/2000	28
9/1/2001	58
9/1/2002	37.8
9/1/2003	60
9/1/2004	63
9/1/2005	95
9/1/2006	38
9/1/2007	64.1
9/1/2008	67.7
9/1/2009	48.6
8/1/2010	47.1
9/1/2011	40.8
9/1/2012	44.1
9/1/2013	66.3
9/1/2014	73.5
9/1/2015	54.9
9/15/2016	12.7
9/9/2017	19.9
9/20/2018	49.2
9/19/2019	35
9/11/2020	17
9/16/2021	14
9/14/2022	18
9/7/2023	27

Attachment E5

Interwell Prediction Limit Analysis Results – Shallow Unit

Prediction Limit

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile Printed 10/13/2023, 9:08 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (ug/L)	MW-12	1.20	n/a	9/6/2023	5.1	Yes	8	MW-2A	n/a	n/a	50	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-15	1.20	n/a	9/7/2023	0.53ND	No	8	MW-2A	n/a	n/a	50	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-16	1.20	n/a	9/6/2023	2.2	Yes	8	MW-2A	n/a	n/a	50	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-21	1.20	n/a	9/7/2023	16	Yes	8	MW-2A	n/a	n/a	50	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-25	1.20	n/a	9/7/2023	0.68J	No	8	MW-2A	n/a	n/a	50	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Barium (ug/L)	MW-12	281	n/a	9/6/2023	280	No	8	MW-2A	118.6	51.36	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-15	281	n/a	9/7/2023	21	No	8	MW-2A	118.6	51.36	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-16	281	n/a	9/6/2023	39	No	8	MW-2A	118.6	51.36	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-21	281	n/a	9/7/2023	380	Yes	8	MW-2A	118.6	51.36	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-25	281	n/a	9/7/2023	360	Yes	8	MW-2A	118.6	51.36	0	None	No	0.0006269	Param Inter 1 of 2
Beryllium (ug/L)	MW-12	0.430	n/a	9/6/2023	0.33ND	No	8	MW-2A	n/a	n/a	75	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-15	0.430	n/a	9/7/2023	0.33ND	No	8	MW-2A	n/a	n/a	75	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-16	0.430	n/a	9/6/2023	0.33ND	No	8	MW-2A	n/a	n/a	75	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-21	0.430	n/a	9/7/2023	0.33ND	No	8	MW-2A	n/a	n/a	75	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Beryllium (ug/L)	MW-25	0.430	n/a	9/7/2023	0.33ND	No	8	MW-2A	n/a	n/a	75	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Boron (ug/L)	MW-12	295	n/a	9/6/2023	1100	Yes	8	MW-2A	145	47.34	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-15	295	n/a	9/7/2023	15000	Yes	8	MW-2A	145	47.34	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-16	295	n/a	9/6/2023	81000	Yes	8	MW-2A	145	47.34	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-21	295	n/a	9/7/2023	300	Yes	8	MW-2A	145	47.34	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-25	295	n/a	9/7/2023	170	No	8	MW-2A	145	47.34	0	None	No	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-12	10.1	n/a	9/6/2023	6.8	No	27	MW-2A	7.708	1.087	0	None	No	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-15	10.1	n/a	9/7/2023	27	Yes	27	MW-2A	7.708	1.087	0	None	No	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-16	10.1	n/a	9/6/2023	13	Yes	27	MW-2A	7.708	1.087	0	None	No	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-21	10.1	n/a	9/7/2023	13	Yes	27	MW-2A	7.708	1.087	0	None	No	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-25	10.1	n/a	9/7/2023	4.2J	No	27	MW-2A	7.708	1.087	0	None	No	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-12	8.59	n/a	9/6/2023	4.3	No	8	MW-2A	-0.6872	0.8985	25	None	ln(x)	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-15	8.59	n/a	9/7/2023	2.4	No	8	MW-2A	-0.6872	0.8985	25	None	ln(x)	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-16	8.59	n/a	9/6/2023	4.1	No	8	MW-2A	-0.6872	0.8985	25	None	ln(x)	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-21	8.59	n/a	9/7/2023	0.26J	No	8	MW-2A	-0.6872	0.8985	25	None	ln(x)	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-25	8.59	n/a	9/7/2023	0.91	No	8	MW-2A	-0.6872	0.8985	25	None	ln(x)	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-12	20900	n/a	9/6/2023	1500	No	8	MW-2A	4.936	1.587	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-15	20900	n/a	9/7/2023	310	No	8	MW-2A	4.936	1.587	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-16	20900	n/a	9/6/2023	450	No	8	MW-2A	4.936	1.587	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-21	20900	n/a	9/7/2023	3100	No	8	MW-2A	4.936	1.587	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-25	20900	n/a	9/7/2023	580	No	8	MW-2A	4.936	1.587	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-12	26.2	n/a	9/6/2023	0.12ND	No	8	MW-2A	-0.4853	1.188	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-15	26.2	n/a	9/7/2023	0.12ND	No	8	MW-2A	-0.4853	1.188	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-16	26.2	n/a	9/6/2023	0.25J	No	8	MW-2A	-0.4853	1.188	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-21	26.2	n/a	9/7/2023	1	No	8	MW-2A	-0.4853	1.188	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-25	26.2	n/a	9/7/2023	1.6	No	8	MW-2A	-0.4853	1.188	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-12	35000	n/a	9/6/2023	18000	No	8	MW-2A	17000	5694	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-15	35000	n/a	9/7/2023	61000	Yes	8	MW-2A	17000	5694	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-16	35000	n/a	9/6/2023	90000	Yes	8	MW-2A	17000	5694	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-21	35000	n/a	9/7/2023	28000	No	8	MW-2A	17000	5694	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-25	35000	n/a	9/7/2023	22000	No	8	MW-2A	17000	5694	0	None	No	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-12	1370	n/a	9/6/2023	2800	Yes	8	MW-2A	3.301	1.241	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-15	1370	n/a	9/7/2023	780	No	8	MW-2A	3.301	1.241	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-16	1370	n/a	9/6/2023	1000	No	8	MW-2A	3.301	1.241	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-21	1370	n/a	9/7/2023	210	No	8	MW-2A	3.301	1.241	0	None	ln(x)	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-25	1370	n/a	9/7/2023	210	No	8	MW-2A	3.301	1.241	0	None	ln(x)	0.0006269	Param Inter 1 of 2

Prediction Limit

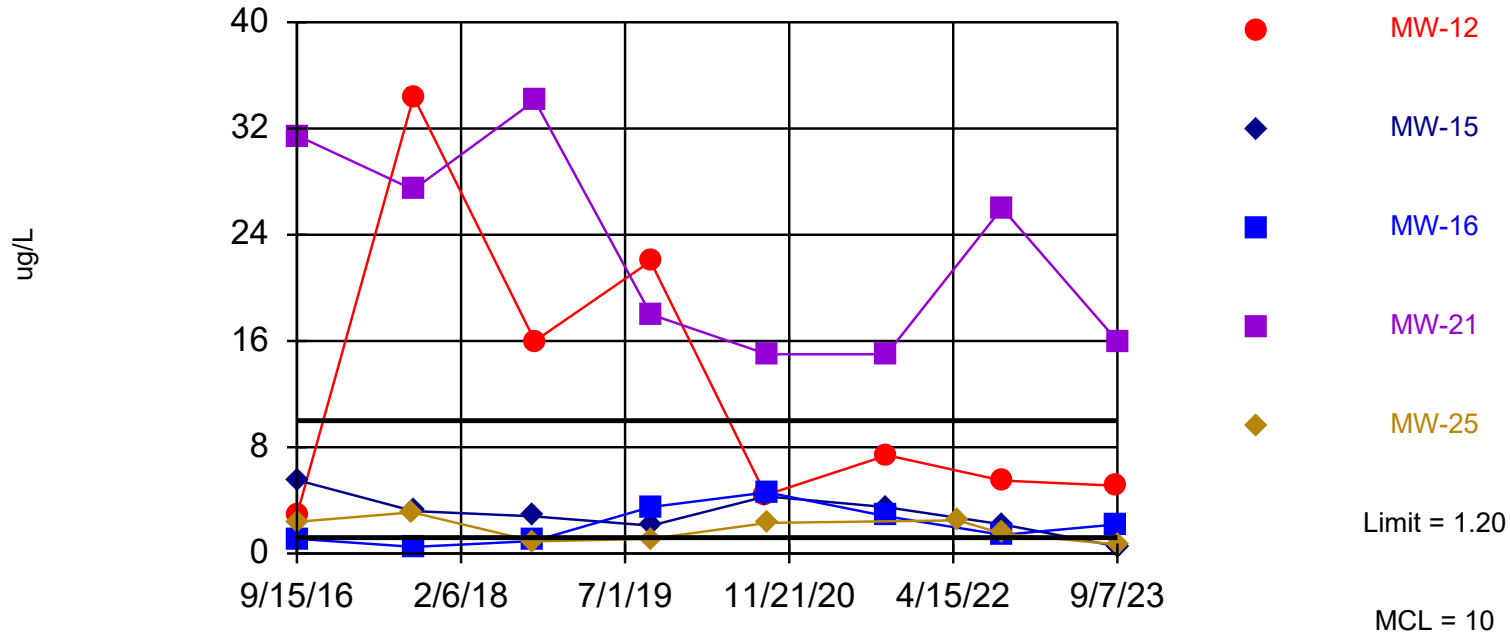
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile Printed 10/13/2023, 9:08 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Wells</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Selenium (ug/L)	MW-12	3.64	n/a	9/6/2023	0.7ND	No	8	MW-2A	1.405	0.7082	12.5	None	No	0.0006269	Param Inter 1 of 2
Selenium (ug/L)	MW-15	3.64	n/a	9/7/2023	0.7ND	No	8	MW-2A	1.405	0.7082	12.5	None	No	0.0006269	Param Inter 1 of 2
Selenium (ug/L)	MW-16	3.64	n/a	9/6/2023	0.7ND	No	8	MW-2A	1.405	0.7082	12.5	None	No	0.0006269	Param Inter 1 of 2
Selenium (ug/L)	MW-21	3.64	n/a	9/7/2023	0.7ND	No	8	MW-2A	1.405	0.7082	12.5	None	No	0.0006269	Param Inter 1 of 2
Selenium (ug/L)	MW-25	3.64	n/a	9/7/2023	0.7ND	No	8	MW-2A	1.405	0.7082	12.5	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-12	53.3	n/a	9/6/2023	54	Yes	25	MW-2A	37.94	6.856	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-15	53.3	n/a	9/7/2023	1400	Yes	25	MW-2A	37.94	6.856	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-16	53.3	n/a	9/6/2023	2500	Yes	25	MW-2A	37.94	6.856	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-21	53.3	n/a	9/7/2023	33	No	25	MW-2A	37.94	6.856	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-25	53.3	n/a	9/7/2023	27	No	25	MW-2A	37.94	6.856	0	None	No	0.0006269	Param Inter 1 of 2

Exceeds Limit: MW-12, MW-16, MW-21

Arsenic

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 49%. Limit is highest of 8 background values. 50% NDs. Annual per-constituent alpha = 0.1999. Individual comparison alpha = 0.0158 (1 of 2). Comparing 5 points to limit. Assumes 9 future values. Insufficient data to test for seasonality; data will not be deseasonalized.

Prediction Limit Analysis Run 10/13/2023 9:02 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

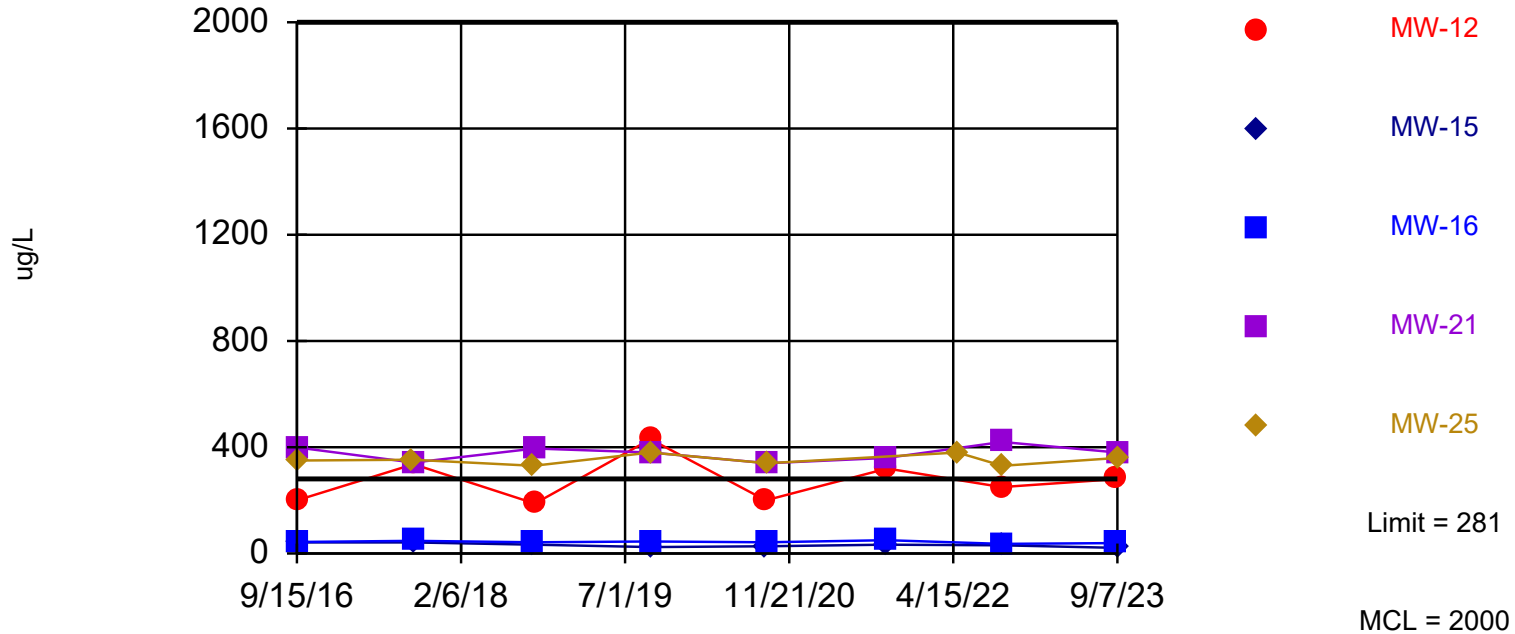
Constituent: Arsenic (ug/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-2A (bg)	MW-15	MW-25	MW-21	MW-16
9/15/2016	2.9					
9/16/2016		0.24 (J)				
9/20/2016			5.5			
9/21/2016				2.4		
9/22/2016					31.4	1.1
9/8/2017		1.2		3.1		
9/11/2017					27.4	
9/12/2017	34.4		3.2			0.5 (J)
9/20/2018		0.2 (J)	2.8	0.92 (J)		
9/21/2018						0.94 (J)
9/24/2018	16				34.1	
9/18/2019	22			1.1 (J)		3.5
9/19/2019		<0.75	2.1		18	
9/10/2020	4.4					
9/11/2020			4.3			
9/14/2020		<0.88		2.3		4.6
9/15/2020					15	
9/15/2021		<0.75				
9/17/2021			3.5			
9/20/2021					15	
9/21/2021						2.8
9/22/2021	7.4					
4/29/2022				2.5		
9/13/2022	5.5					
9/14/2022		<0.75	2.2		26	1.4 (J)
9/15/2022				1.5 (J)		
9/6/2023	5.1					2.2
9/7/2023		0.88 (J)	<0.53 (U)	0.68 (J)	16	

Exceeds Limit: MW-21, MW-25

Barium

Interwell Parametric



Background Data Summary: Mean=118.6, Std. Dev.=51.36, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7546, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 5 points to limit. Assumes 9 future values.

Prediction Limit Analysis Run 10/13/2023 9:02 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

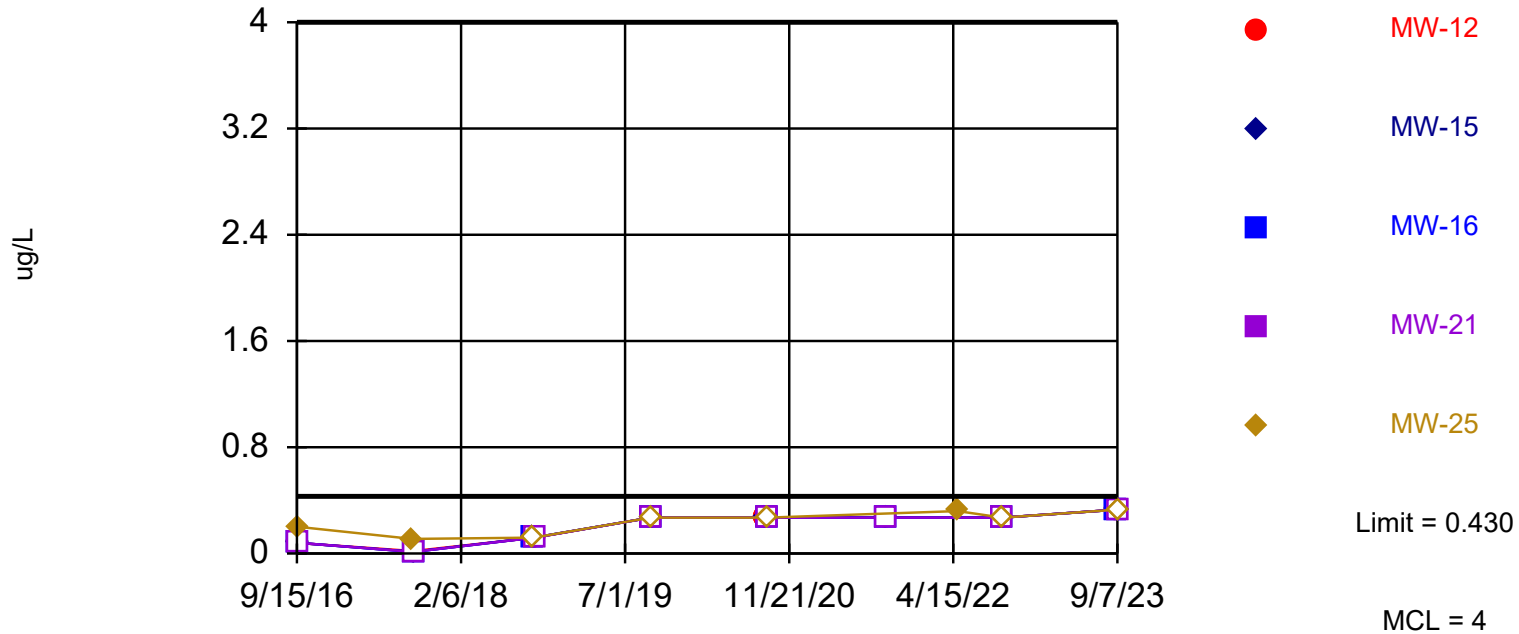
Constituent: Barium (ug/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	200					
9/16/2016						234
9/20/2016		41.6				
9/21/2016					350	
9/22/2016			43.5	398		
9/8/2017					353	149
9/11/2017				342		
9/12/2017	336	41.6	47.8			
9/20/2018		33.3			330	101
9/21/2018			42.2			
9/24/2018	188			395		
9/18/2019	430		45		380	
9/19/2019		24		380		99
9/10/2020	200					
9/11/2020		27				
9/14/2020			42		340	91
9/15/2020				340		
9/15/2021						110
9/17/2021		33				
9/20/2021				360		
9/21/2021			50			
9/22/2021	320					
4/29/2022					380	
9/13/2022	250 (B)					
9/14/2022		31 (B)	36 (B)	420 (B)		76 (B)
9/15/2022					330 (B)	
9/6/2023	280		39			
9/7/2023		21		380	360	89

Within Limit

Beryllium

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 49%. Limit is highest of 8 background values. 75% NDs. Annual per-constituent alpha = 0.1999. Individual comparison alpha = 0.0158 (1 of 2). Comparing 5 points to limit. Assumes 9 future values. Insufficient data to test for seasonality; data will not be deseasonalized.

Prediction Limit

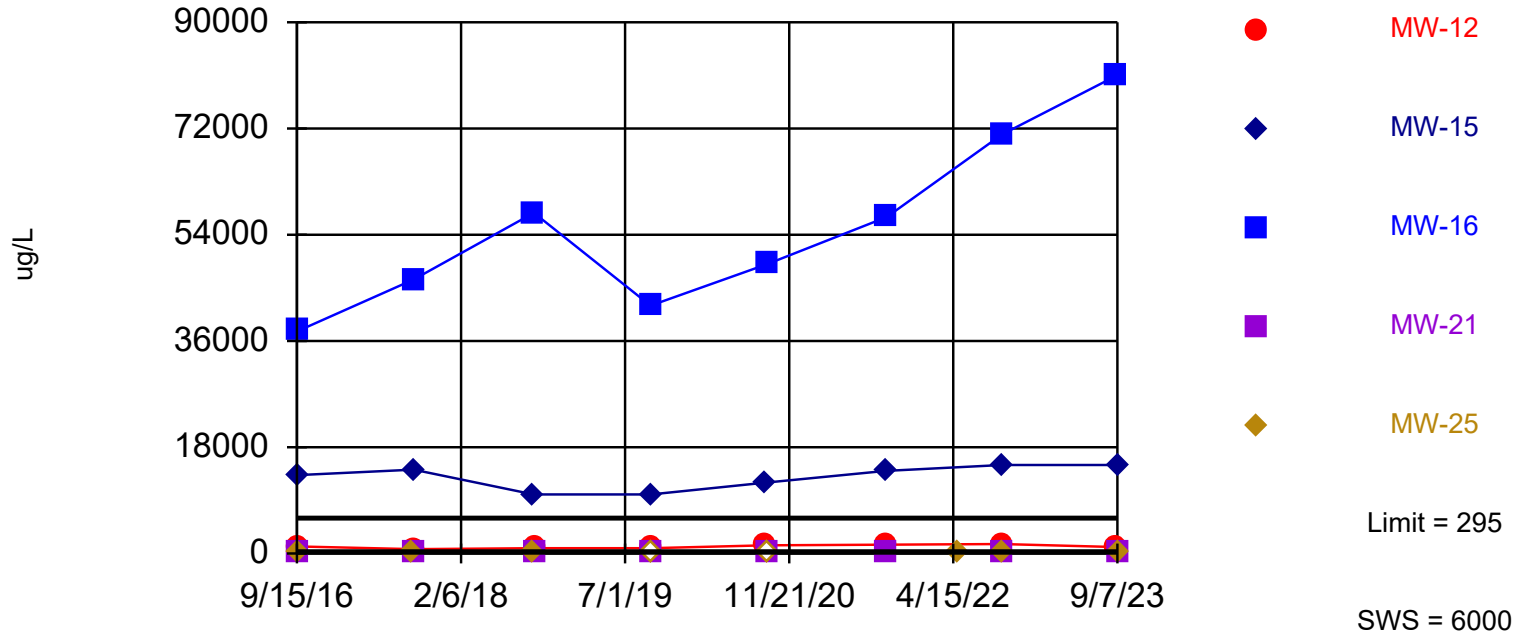
Constituent: Beryllium (ug/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-2A (bg)	MW-15	MW-25	MW-21	MW-16
9/15/2016	<0.08					
9/16/2016		<0.08				
9/20/2016			<0.08			
9/21/2016				0.2 (J)		
9/22/2016					<0.08	<0.08
9/8/2017		0.048 (J)		0.11 (J)		
9/11/2017					<0.012	
9/12/2017	0.018 (J)		<0.012			<0.012
9/20/2018		<0.12	<0.12	<0.12		
9/21/2018						<0.12
9/24/2018	<0.12				<0.12	
9/18/2019	<0.27			<0.27		<0.27
9/19/2019		<0.27	<0.27		<0.27	
9/10/2020	<0.27					
9/11/2020			<0.27			
9/14/2020		<0.27		<0.27		<0.27
9/15/2020					<0.27	
9/15/2021		<0.27				
9/17/2021			<0.27			
9/20/2021					<0.27	
9/21/2021						<0.27
9/22/2021	<0.27					
4/29/2022				0.32 (J)		
9/13/2022	<0.27					
9/14/2022		<0.27	<0.27		<0.27	<0.27
9/15/2022				<0.27		
9/6/2023	<0.33 (U)					<0.33 (U)
9/7/2023		0.43 (J)	<0.33 (U)	<0.33 (U)	<0.33 (U)	

Exceeds Limit: MW-12, MW-15, MW-16,
MW-21

Boron

Interwell Parametric



Background Data Summary: Mean=145, Std. Dev.=47.34, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9383, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 5 points to limit. Assumes 9 future values.

Prediction Limit

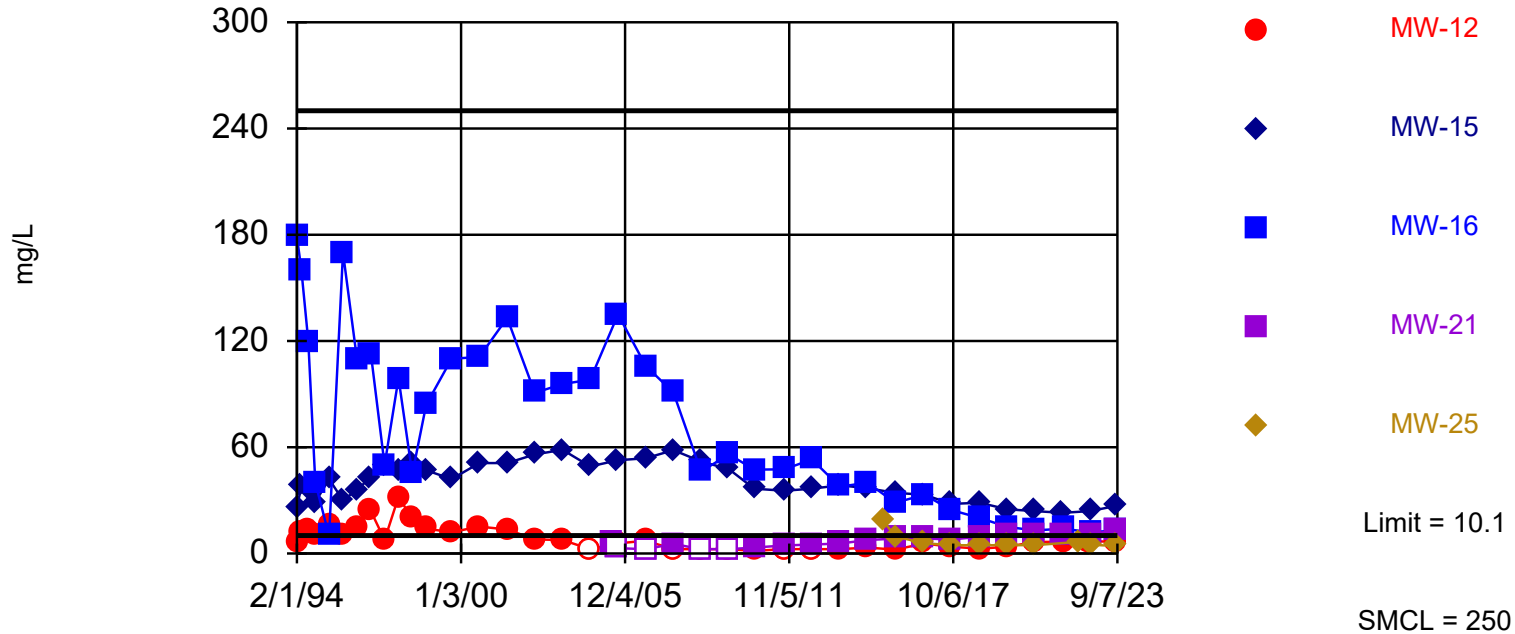
Constituent: Boron (ug/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	1200					
9/16/2016						159
9/20/2016		13300				
9/21/2016					98 (J)	
9/22/2016			37800	86.8 (J)		
9/8/2017					105	222
9/11/2017				116		
9/12/2017	741	14200	46400			
9/20/2018		10000			153	141
9/21/2018			57700			
9/24/2018	910			158		
9/18/2019	890		42000		<110	
9/19/2019		10000		140 (J)		200
9/10/2020	1400					
9/11/2020		12000				
9/14/2020			49000		<80	110
9/15/2020				110		
9/15/2021						140
9/17/2021		14000				
9/20/2021				350		
9/21/2021			57000			
9/22/2021	1500					
4/29/2022					110	
9/13/2022	1600					
9/14/2022		15000	71000	350		88 (J)
9/15/2022					210	
9/6/2023	1100		81000			
9/7/2023		15000		300	170	100

Exceeds Limit: MW-15, MW-16, MW-21

Chloride

Interwell Parametric



Background Data Summary: Mean=7.708, Std. Dev.=1.087, n=27. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9728, critical = 0.894. Kappa = 2.223 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 5 points to limit. Assumes 9 future values.

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
2/1/1994	6	26	179			
4/1/1994	12	38	160			
7/1/1994	13	37	120			
10/1/1994	11	29	40			
4/1/1995	16	42	10			
10/1/1995	11	30	170			
4/1/1996	15	36	110			
10/1/1996	24	43	113			
4/1/1997	7.7	50	50			
10/1/1997	32	47	99			
4/1/1998	19.6	51.1	44.9			9.9
10/1/1998	14	47	84			8.8
9/1/1999	12	42	110			8.9
9/1/2000	15.2	51.1	111			9.4
9/1/2001	13.6	51.1	133			9.6
9/1/2002	8	55.9	90.7			8.1
9/1/2003	7.6	58.6	95.7			8.5
9/1/2004	<5	49.2	98.1			8.1
6/1/2005				5.9		
9/1/2005	5.7	52.7	135	<6		8.4
9/1/2006	7.28	53.8	106	<5		7.98
9/1/2007	<5	58.4	90.9	5.47		8.09
9/1/2008	<5	52	46.3	<5		6.54
9/1/2009	<5	47.6	56	<5		6.97
8/1/2010	1.5	36.6	47.4	3.36		7.3
9/1/2011	<5	35.4	47.5	4.5		7.36
9/1/2012	<5	36.6	53.1	5.11		6.98
9/1/2013	2.5	38.5	37.7	5.6		7
9/1/2014	3.4	36.9	40	7.6		6.6
4/1/2015					18.4	
9/1/2015	2.2	34.3	28.7	8.4	9.6	6.6
9/15/2016	5.6					
9/16/2016						6.5
9/20/2016		33.2				
9/21/2016					5.8	
9/22/2016			33.2	8.5		
9/8/2017					4.7	5.4
9/11/2017				7.9		
9/12/2017	3.8	28	24.5			
9/20/2018		28.7			4.6	6.5
9/21/2018			20.1			
9/24/2018	2.7			9.5		
9/18/2019	3.8 (J)		15		4.7 (J)	
9/19/2019		25		11		7.4
9/10/2020	6.5					
9/11/2020		24				
9/14/2020			13		4.7 (J)	7.3
9/15/2020				11		
9/15/2021						7.3
9/17/2021		23				
9/20/2021				11		
9/21/2021			14			

Prediction Limit

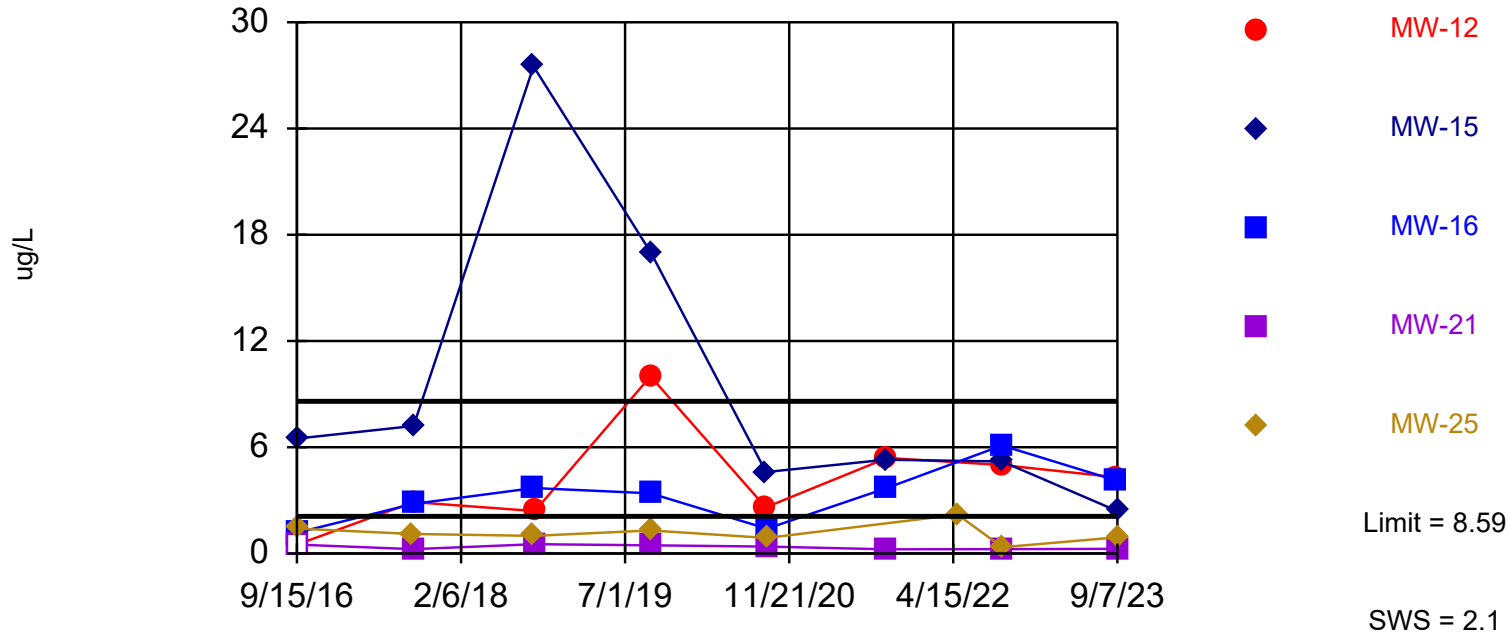
Constituent: Chloride (mg/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/22/2021	6.6					
4/29/2022					6.6	
9/13/2022	6.8					
9/14/2022		24	12	11		8
9/15/2022					5	
9/6/2023	6.8		13			
9/7/2023		27		13	4.2 (J)	8.6

Within Limit

Cobalt

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-0.6872, Std. Dev.=0.8985, n=8, 25% NDs. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.775, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 5 points to limit. Assumes 9 future values.

Prediction Limit

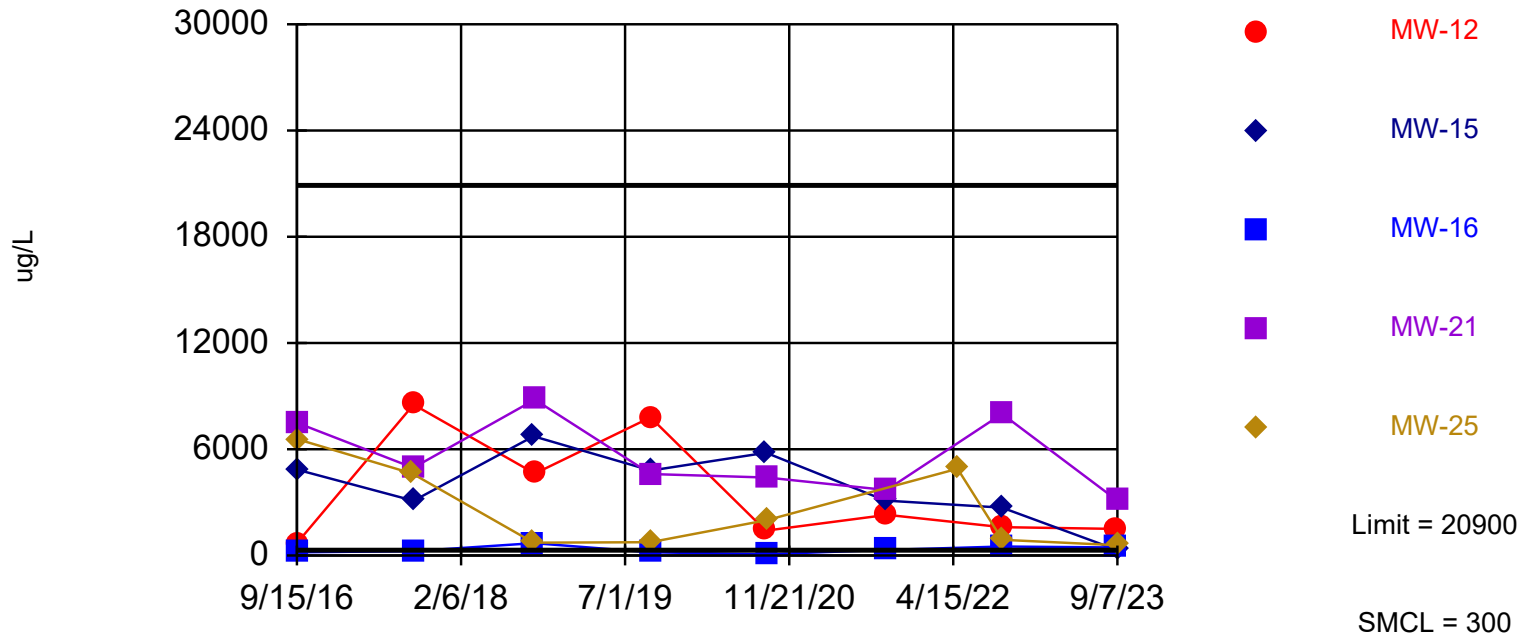
Constituent: Cobalt (ug/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.5					
9/16/2016						<0.5
9/20/2016		6.5				
9/21/2016					1.4	
9/22/2016			1.2	<0.5		
9/8/2017					1.1	3.7
9/11/2017				0.25 (J)		
9/12/2017	2.9	7.2	2.8			
9/20/2018		27.5			1	<0.15
9/21/2018			3.7			
9/24/2018	2.4			0.53 (J)		
9/18/2019	10		3.4		1.3	
9/19/2019		17		0.46 (J)		0.5
9/10/2020	2.6					
9/11/2020		4.6				
9/14/2020			1.4		0.88	0.42 (J)
9/15/2020				0.39 (J)		
9/15/2021						0.37 (J)
9/17/2021		5.3				
9/20/2021				0.24 (J)		
9/21/2021			3.7			
9/22/2021	5.4					
4/29/2022					2.2	
9/13/2022	5					
9/14/2022		5.2	6.1	0.25 (J)		0.38 (J)
9/15/2022					0.35 (J)	
9/6/2023	4.3		4.1			
9/7/2023		2.4		0.26 (J)	0.91	0.5

Within Limit

Iron

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=4.936, Std. Dev.=1.587, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7617, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 5 points to limit. Assumes 9 future values.

Prediction Limit Analysis Run 10/13/2023 9:02 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

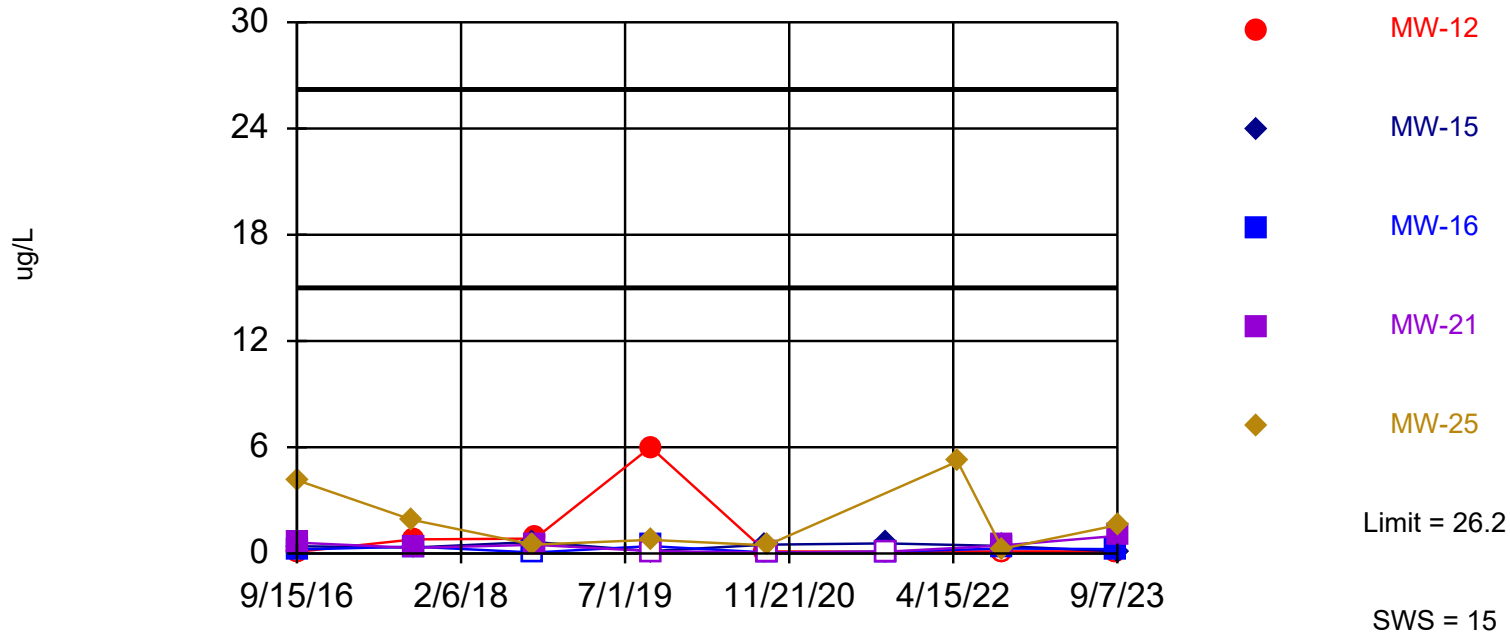
Constituent: Iron (ug/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	695					
9/16/2016						240
9/20/2016		4830				
9/21/2016					6540	
9/22/2016			180	7450		
9/8/2017					4630	5330
9/11/2017				4950		
9/12/2017	8520	3090	247			
9/20/2018		6730			722	69.4
9/21/2018			696			
9/24/2018	4630			8800		
9/18/2019	7800		180		750	
9/19/2019		4800		4600		140
9/10/2020	1400					
9/11/2020		5800				
9/14/2020			78 (J)		2000	84 (J)
9/15/2020				4400		
9/15/2021						47 (J)
9/17/2021		3100				
9/20/2021				3700		
9/21/2021			320			
9/22/2021	2300					
4/29/2022					4900	
9/13/2022	1600					
9/14/2022		2700	510	8000		80 (J)
9/15/2022					890	
9/6/2023	1500		450			
9/7/2023		310		3100	580	36 (J)

Within Limit

Lead

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-0.4853, Std. Dev.=1.188, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8275, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 5 points to limit. Assumes 9 future values.

Prediction Limit Analysis Run 10/13/2023 9:02 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

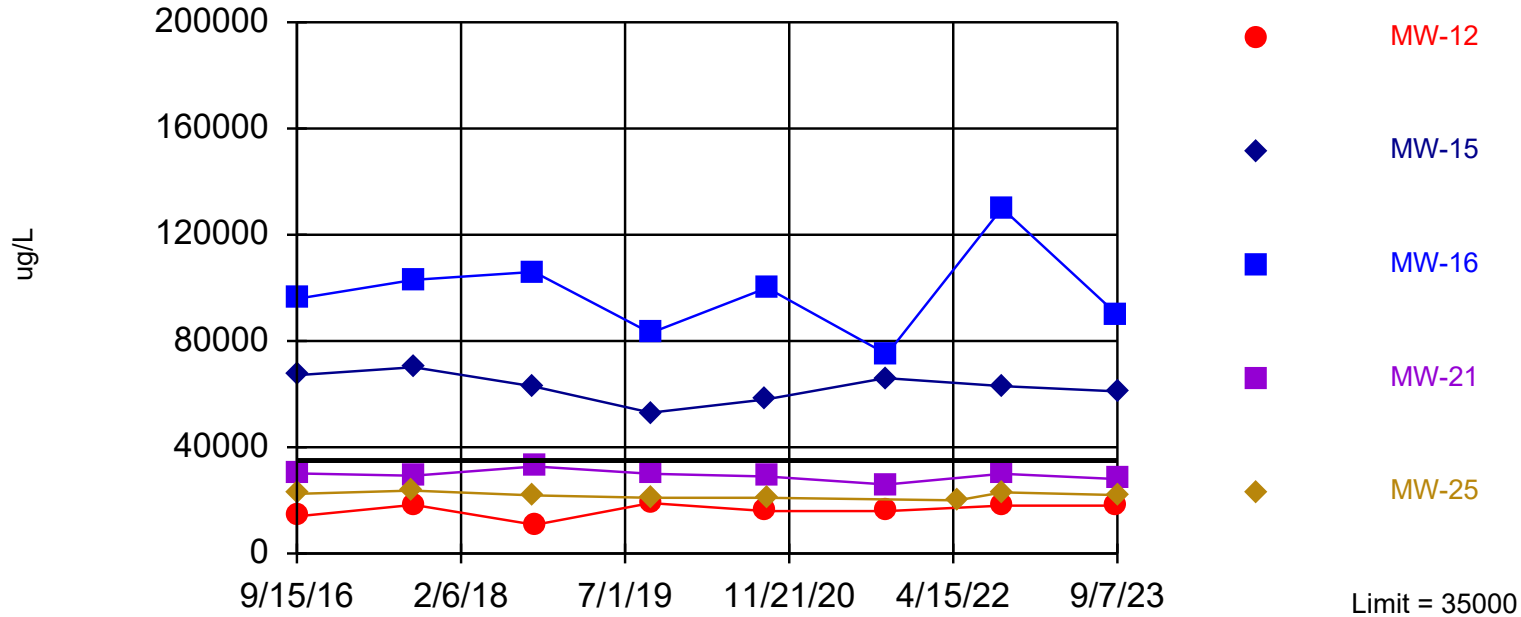
Constituent: Lead (ug/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.19					
9/16/2016						0.7 (J)
9/20/2016		0.41 (J)				
9/21/2016					4.1	
9/22/2016			0.23 (J)	0.61 (J)		
9/8/2017					1.9	8.5
9/11/2017				0.32 (J)		
9/12/2017	0.8 (J)	0.34 (J)	0.39 (J)			
9/20/2018		0.65 (J)			0.5 (J)	0.17 (J)
9/21/2018			<0.12			
9/24/2018	0.84 (J)			0.49 (J)		
9/18/2019	6		0.42 (J)		0.77	
9/19/2019		<0.27		<0.27		0.74
9/10/2020	0.12 (J)					
9/11/2020		0.5				
9/14/2020			<0.11		0.46 (J)	0.36 (J)
9/15/2020				<0.11		
9/15/2021						0.28 (J)
9/17/2021		0.57				
9/20/2021				<0.21		
9/21/2021			<0.21			
9/22/2021	<0.21					
4/29/2022					5.2	
9/13/2022	<0.24					
9/14/2022		0.43 (J)	0.28 (J)	0.45 (J)		0.35 (J)
9/15/2022					0.27 (J)	
9/6/2023	<0.24 (U)		0.25 (J)			
9/7/2023		<0.24 (U)		1	1.6	0.78

Exceeds Limit: MW-15, MW-16

Magnesium

Interwell Parametric



Background Data Summary: Mean=17000, Std. Dev.=5694, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.762, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 5 points to limit. Assumes 9 future values.

Prediction Limit

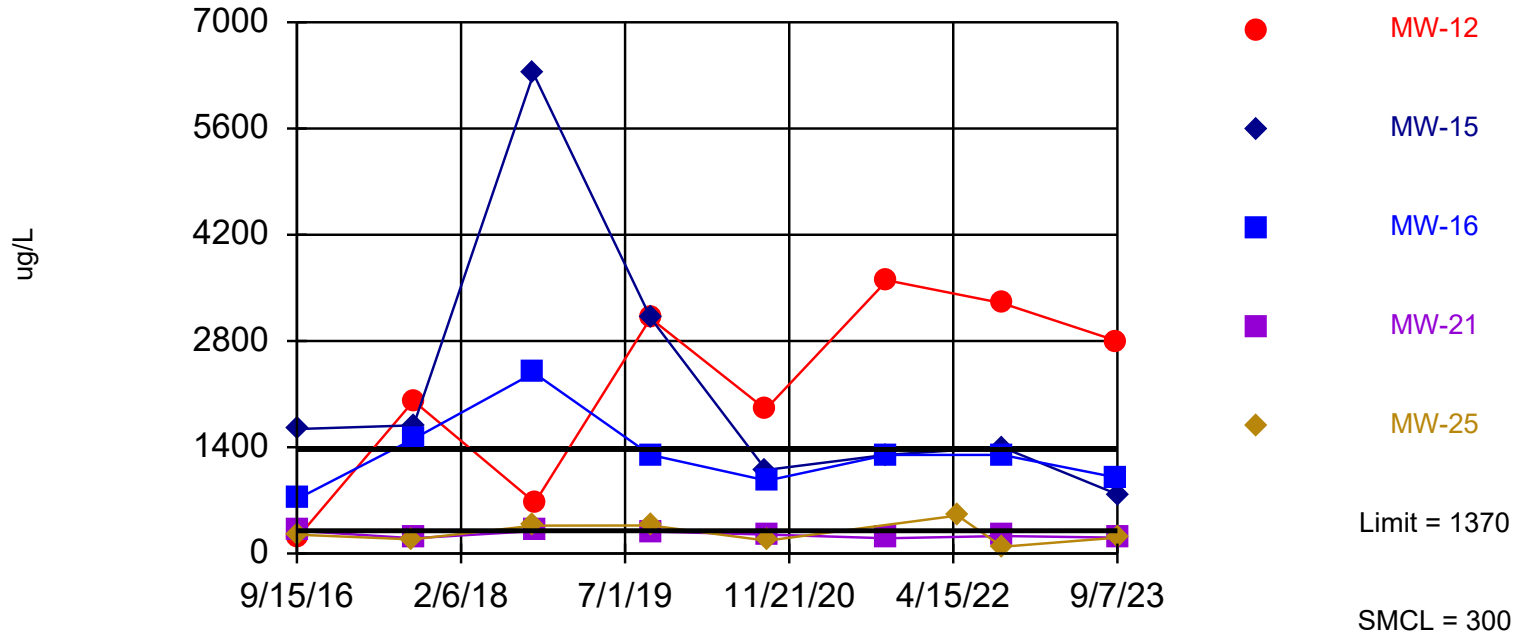
Constituent: Magnesium (ug/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	14000					
9/16/2016						23800
9/20/2016		67200				
9/21/2016					22500	
9/22/2016			96000	30100		
9/8/2017					23700	27700
9/11/2017				29300		
9/12/2017	18300	70100	103000			
9/20/2018		62900			21900	15500
9/21/2018			106000			
9/24/2018	10800			32800		
9/18/2019	19000		83000		21000	
9/19/2019		53000		30000		13000
9/10/2020	16000					
9/11/2020		58000				
9/14/2020			100000		21000	13000
9/15/2020				29000		
9/15/2021						17000
9/17/2021		66000				
9/20/2021				26000		
9/21/2021			75000			
9/22/2021	16000					
4/29/2022					20000	
9/13/2022	18000					
9/14/2022		63000	130000	30000		13000
9/15/2022					23000	
9/6/2023	18000		90000			
9/7/2023		61000		28000	22000	13000

Exceeds Limit: MW-12

Manganese

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=3.301, Std. Dev.=1.241, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7857, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 5 points to limit. Assumes 9 future values.

Prediction Limit Analysis Run 10/13/2023 9:02 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

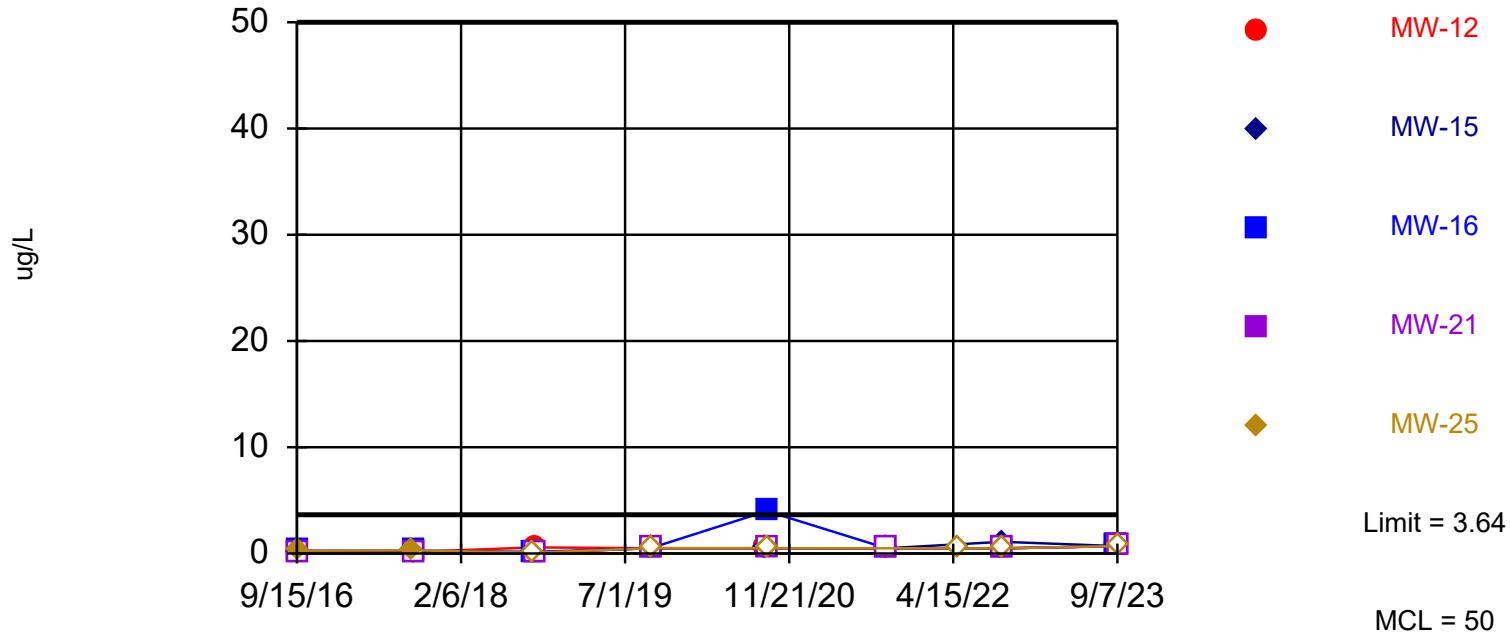
Constituent: Manganese (ug/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	201					
9/16/2016						35.6
9/20/2016		1640				
9/21/2016					248	
9/22/2016			731	298		
9/8/2017					186	464
9/11/2017				200		
9/12/2017	2010	1690	1510			
9/20/2018		6320			368	8.2
9/21/2018			2380			
9/24/2018	670			296		
9/18/2019	3100		1300		370	
9/19/2019		3100		290		27
9/10/2020	1900					
9/11/2020		1100				
9/14/2020			960		170	24
9/15/2020				250		
9/15/2021						18
9/17/2021		1300				
9/20/2021				200		
9/21/2021			1300			
9/22/2021	3600					
4/29/2022					500	
9/13/2022	3300					
9/14/2022		1400	1300	230		17
9/15/2022					89	
9/6/2023	2800		1000			
9/7/2023		780		210	210	11

Within Limit

Selenium

Interwell Parametric



Background Data Summary: Mean=1.405, Std. Dev.=0.7082, n=8, 12.5% NDs. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9689, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 5 points to limit. Assumes 9 future values.

Prediction Limit Analysis Run 10/13/2023 9:02 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

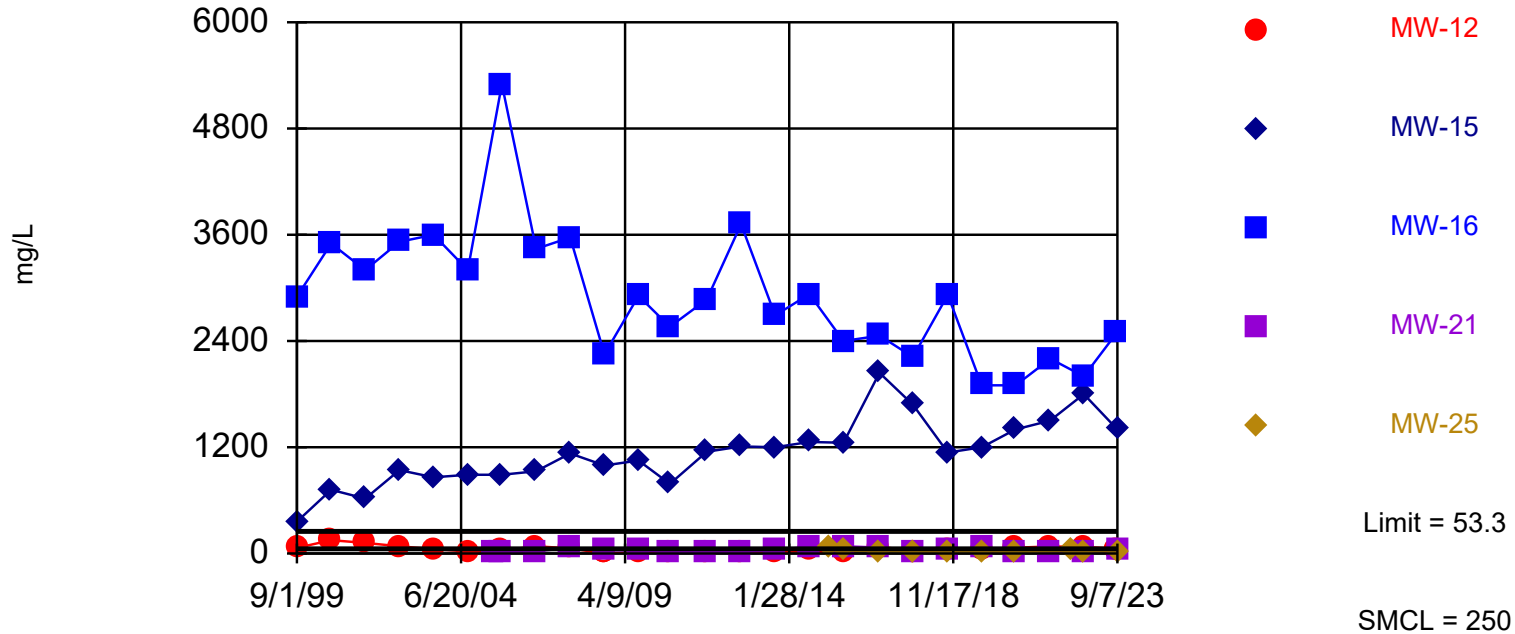
Constituent: Selenium (ug/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.18					
9/16/2016						0.99 (J)
9/20/2016		<0.18				
9/21/2016					0.26 (J)	
9/22/2016			0.26 (J)	<0.18		
9/8/2017					0.3 (J)	0.65 (J)
9/11/2017				<0.086		
9/12/2017	0.15 (J)	0.17 (J)	0.28 (J)			
9/20/2018		<0.16			<0.16	1.7
9/21/2018			0.16 (J)			
9/24/2018	0.58 (J)			<0.16		
9/18/2019	<1		<1		<1	
9/19/2019		<1		<1		<1
9/10/2020	<1					
9/11/2020		<1				
9/14/2020			4 (J)		<1	1.2 (J)
9/15/2020				<1		
9/15/2021						1.6 (J)
9/17/2021		<0.96				
9/20/2021				<0.96		
9/21/2021			<0.96			
9/22/2021	<0.96					
4/29/2022					<0.96	
9/13/2022	<0.96					
9/14/2022		1.1 (J)	<0.96	<0.96		2 (J)
9/15/2022					<0.96	
9/6/2023	<1.4 (U)		<1.4 (U)			
9/7/2023		<1.4 (U)		<1.4 (U)	<1.4 (U)	2.6 (J)

Exceeds Limit: MW-12, MW-15, MW-16

Sulfate

Interwell Parametric



Background Data Summary: Mean=37.94, Std. Dev.=6.856, n=25. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9518, critical = 0.888. Kappa = 2.245 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 5 points to limit. Assumes 9 future values.

Prediction Limit Analysis Run 10/13/2023 9:02 AM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/13/2023 9:08 AM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/1/1999	63	360	2900			32
9/1/2000	150	720	3500			47
9/1/2001	120	620	3200			41
9/1/2002	82.5	942	3520			45.6
9/1/2003	49	860	3600			46
9/1/2004	24	890	3200			44
6/1/2005				19		
9/1/2005	34	890	5300	16		44
9/1/2006	81	930	3440	26.3		37.7
9/1/2007	58.3	1130	3570	62.2		36.2
9/1/2008	<2	994	2250	34.8		34.4
9/1/2009	7.88	1050	2910	33.9		34.7
8/1/2010	2.14	786	2560	15.4		30.8
9/1/2011	24.8	1150	2870	21.9		36
9/1/2012	21.8	1210	3720	17.8		40.2
9/1/2013	16.9	1200	2690	34.2		31.2
9/1/2014	29.2	1260	2930	79.6		33.3
4/1/2015					56.2	
9/1/2015	4.4	1250	2400	81.6	35.4	32.4
9/15/2016	80.6					
9/16/2016						37.4
9/20/2016		2040				
9/21/2016					25.6	
9/22/2016			2460	66.7		
9/8/2017					21.4	56.9
9/11/2017				10.7		
9/12/2017	25.7	1680	2220			
9/20/2018		1140			20.3	43.6
9/21/2018			2920			
9/24/2018	42.8			41.3		
9/18/2019	40		1900		23	
9/19/2019		1200		61		35
9/10/2020	65					
9/11/2020		1400				
9/14/2020			1900		17	37
9/15/2020				16		
9/15/2021						37
9/17/2021		1500				
9/20/2021				13		
9/21/2021			2200			
9/22/2021	79					
4/29/2022					28	
9/13/2022	75					
9/14/2022		1800	2000	24		27
9/15/2022					22	
9/6/2023	54		2500			
9/7/2023		1400		33	27	28



Attachment E6

Interwell Prediction Limit Analysis Results – Deep Unit

Prediction Limit

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile Printed 10/13/2023, 9:13 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (ug/L)	MW-11	0.880	n/a	9/7/2023	0.93J	No	8	MW-8	n/a	n/a	62.5	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-17	0.880	n/a	9/6/2023	0.67J	No	8	MW-8	n/a	n/a	62.5	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-20	0.880	n/a	9/14/2020	16	Yes	8	MW-8	n/a	n/a	62.5	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-22	0.880	n/a	9/7/2023	0.53ND	No	8	MW-8	n/a	n/a	62.5	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-23	0.880	n/a	9/7/2023	0.63J	No	8	MW-8	n/a	n/a	62.5	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-24	0.880	n/a	9/6/2023	1.7J	No	8	MW-8	n/a	n/a	62.5	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-26	0.880	n/a	9/7/2023	0.53ND	No	8	MW-8	n/a	n/a	62.5	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Arsenic (ug/L)	MW-27	0.880	n/a	9/6/2023	0.85J	No	8	MW-8	n/a	n/a	62.5	n/a	n/a	0.0158	NP Inter (NDs) 1 of 2
Barium (ug/L)	MW-11	98.5	n/a	9/7/2023	45	No	8	MW-8	84.31	4.506	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-17	98.5	n/a	9/6/2023	52	No	8	MW-8	84.31	4.506	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-20	98.5	n/a	9/14/2020	140	Yes	8	MW-8	84.31	4.506	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-22	98.5	n/a	9/7/2023	160	Yes	8	MW-8	84.31	4.506	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-23	98.5	n/a	9/7/2023	170	Yes	8	MW-8	84.31	4.506	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-24	98.5	n/a	9/6/2023	290	Yes	8	MW-8	84.31	4.506	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-26	98.5	n/a	9/7/2023	160	Yes	8	MW-8	84.31	4.506	0	None	No	0.0006269	Param Inter 1 of 2
Barium (ug/L)	MW-27	98.5	n/a	9/6/2023	80	No	8	MW-8	84.31	4.506	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-11	1880	n/a	9/7/2023	4100	Yes	8	MW-8	571.6	415.9	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-17	1880	n/a	9/6/2023	2600	Yes	8	MW-8	571.6	415.9	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-20	1880	n/a	9/14/2020	9400	Yes	8	MW-8	571.6	415.9	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-22	1880	n/a	9/7/2023	130	No	8	MW-8	571.6	415.9	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-23	1880	n/a	9/7/2023	150	No	8	MW-8	571.6	415.9	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-24	1880	n/a	9/6/2023	130	No	8	MW-8	571.6	415.9	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-26	1880	n/a	9/7/2023	38ND	No	8	MW-8	571.6	415.9	0	None	No	0.0006269	Param Inter 1 of 2
Boron (ug/L)	MW-27	1880	n/a	9/6/2023	160	No	8	MW-8	571.6	415.9	0	None	No	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-11	13	n/a	9/7/2023	23	Yes	37	MW-8	1.552	0.4733	35.14	None	ln(x)	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-17	13	n/a	9/6/2023	26	Yes	37	MW-8	1.552	0.4733	35.14	None	ln(x)	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-20	13	n/a	9/14/2020	70	Yes	37	MW-8	1.552	0.4733	35.14	None	ln(x)	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-22	13	n/a	9/7/2023	31	Yes	37	MW-8	1.552	0.4733	35.14	None	ln(x)	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-23	13	n/a	9/7/2023	7.7	No	37	MW-8	1.552	0.4733	35.14	None	ln(x)	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-24	13	n/a	9/6/2023	28	Yes	37	MW-8	1.552	0.4733	35.14	None	ln(x)	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-26	13	n/a	9/7/2023	240	Yes	37	MW-8	1.552	0.4733	35.14	None	ln(x)	0.0006269	Param Inter 1 of 2
Chloride (mg/L)	MW-27	13	n/a	9/6/2023	7.7	No	37	MW-8	1.552	0.4733	35.14	None	ln(x)	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-11	0.756	n/a	9/7/2023	0.085ND	No	8	MW-8	0.3338	0.1338	12.5	None	No	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-17	0.756	n/a	9/6/2023	0.66	No	8	MW-8	0.3338	0.1338	12.5	None	No	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-20	0.756	n/a	9/14/2020	52	Yes	8	MW-8	0.3338	0.1338	12.5	None	No	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-22	0.756	n/a	9/7/2023	0.085ND	No	8	MW-8	0.3338	0.1338	12.5	None	No	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-23	0.756	n/a	9/7/2023	0.17J	No	8	MW-8	0.3338	0.1338	12.5	None	No	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-24	0.756	n/a	9/6/2023	0.085ND	No	8	MW-8	0.3338	0.1338	12.5	None	No	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-26	0.756	n/a	9/7/2023	0.085ND	No	8	MW-8	0.3338	0.1338	12.5	None	No	0.0006269	Param Inter 1 of 2
Cobalt (ug/L)	MW-27	0.756	n/a	9/6/2023	0.085ND	No	8	MW-8	0.3338	0.1338	12.5	None	No	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-11	113	n/a	9/7/2023	3700	Yes	8	MW-8	56.45	17.9	0	None	No	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-17	113	n/a	9/6/2023	3900	Yes	8	MW-8	56.45	17.9	0	None	No	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-20	113	n/a	9/14/2020	37000	Yes	8	MW-8	56.45	17.9	0	None	No	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-22	113	n/a	9/7/2023	1500	Yes	8	MW-8	56.45	17.9	0	None	No	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-23	113	n/a	9/7/2023	260	Yes	8	MW-8	56.45	17.9	0	None	No	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-24	113	n/a	9/6/2023	1900	Yes	8	MW-8	56.45	17.9	0	None	No	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-26	113	n/a	9/7/2023	76J	No	8	MW-8	56.45	17.9	0	None	No	0.0006269	Param Inter 1 of 2
Iron (ug/L)	MW-27	113	n/a	9/6/2023	660	Yes	8	MW-8	56.45	17.9	0	None	No	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-11	0.794	n/a	9/7/2023	0.47J	No	8	MW-8	0.2784	0.1632	37.5	None	No	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-17	0.794	n/a	9/6/2023	1.4	Yes	8	MW-8	0.2784	0.1632	37.5	None	No	0.0006269	Param Inter 1 of 2

Prediction Limit

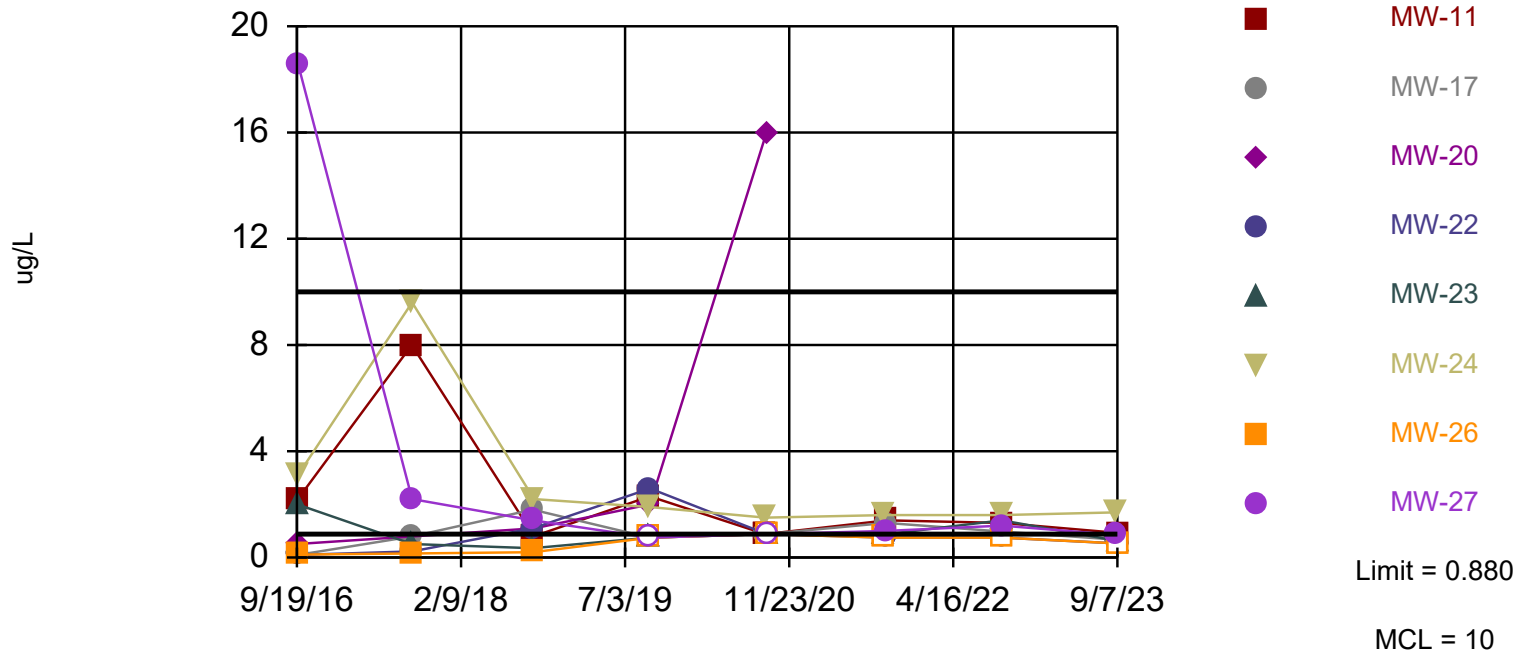
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile Printed 10/13/2023, 9:13 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>Bg Wells</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Lead (ug/L)	MW-20	0.794	n/a	9/14/2020	26	Yes	8	MW-8	0.2784	0.1632	37.5	None	No	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-22	0.794	n/a	9/7/2023	0.31J	No	8	MW-8	0.2784	0.1632	37.5	None	No	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-23	0.794	n/a	9/7/2023	0.66	No	8	MW-8	0.2784	0.1632	37.5	None	No	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-24	0.794	n/a	9/6/2023	0.24ND	No	8	MW-8	0.2784	0.1632	37.5	None	No	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-26	0.794	n/a	9/7/2023	0.3J	No	8	MW-8	0.2784	0.1632	37.5	None	No	0.0006269	Param Inter 1 of 2
Lead (ug/L)	MW-27	0.794	n/a	9/6/2023	0.3J	No	8	MW-8	0.2784	0.1632	37.5	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-11	23000	n/a	9/7/2023	60000	Yes	8	MW-8	19500	1122	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-17	23000	n/a	9/6/2023	60000	Yes	8	MW-8	19500	1122	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-20	23000	n/a	9/14/2020	92000	Yes	8	MW-8	19500	1122	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-22	23000	n/a	9/7/2023	33000	Yes	8	MW-8	19500	1122	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-23	23000	n/a	9/7/2023	28000	Yes	8	MW-8	19500	1122	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-24	23000	n/a	9/6/2023	25000	Yes	8	MW-8	19500	1122	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-26	23000	n/a	9/7/2023	12000	No	8	MW-8	19500	1122	0	None	No	0.0006269	Param Inter 1 of 2
Magnesium (ug/L)	MW-27	23000	n/a	9/6/2023	25000	Yes	8	MW-8	19500	1122	0	None	No	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-11	139	n/a	9/7/2023	200	Yes	8	MW-8	72.81	20.89	0	None	No	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-17	139	n/a	9/6/2023	320	Yes	8	MW-8	72.81	20.89	0	None	No	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-20	139	n/a	9/14/2020	550	Yes	8	MW-8	72.81	20.89	0	None	No	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-22	139	n/a	9/7/2023	150	Yes	8	MW-8	72.81	20.89	0	None	No	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-23	139	n/a	9/7/2023	30	No	8	MW-8	72.81	20.89	0	None	No	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-24	139	n/a	9/6/2023	360	Yes	8	MW-8	72.81	20.89	0	None	No	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-26	139	n/a	9/7/2023	4.7J	No	8	MW-8	72.81	20.89	0	None	No	0.0006269	Param Inter 1 of 2
Manganese (ug/L)	MW-27	139	n/a	9/6/2023	49	No	8	MW-8	72.81	20.89	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-11	91.9	n/a	9/7/2023	700	Yes	25	MW-8	44.23	21.24	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-17	91.9	n/a	9/6/2023	600	Yes	25	MW-8	44.23	21.24	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-20	91.9	n/a	9/14/2020	440	Yes	25	MW-8	44.23	21.24	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-22	91.9	n/a	9/7/2023	210	Yes	25	MW-8	44.23	21.24	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-23	91.9	n/a	9/7/2023	50	No	25	MW-8	44.23	21.24	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-24	91.9	n/a	9/6/2023	16	No	25	MW-8	44.23	21.24	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-26	91.9	n/a	9/7/2023	49	No	25	MW-8	44.23	21.24	0	None	No	0.0006269	Param Inter 1 of 2
Sulfate (mg/L)	MW-27	91.9	n/a	9/6/2023	25	No	25	MW-8	44.23	21.24	0	None	No	0.0006269	Param Inter 1 of 2

Exceeds Limit: MW-20

Arsenic

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 49%. Limit is highest of 8 background values. 62.5% NDs. Annual per-constituent alpha = 0.1999. Individual comparison alpha = 0.0158 (1 of 2). Comparing 8 points to limit. Assumes 6 future values. Insufficient data to test for seasonality; data will not be deseasonalized.

Prediction Limit Analysis Run 10/13/2023 9:12 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

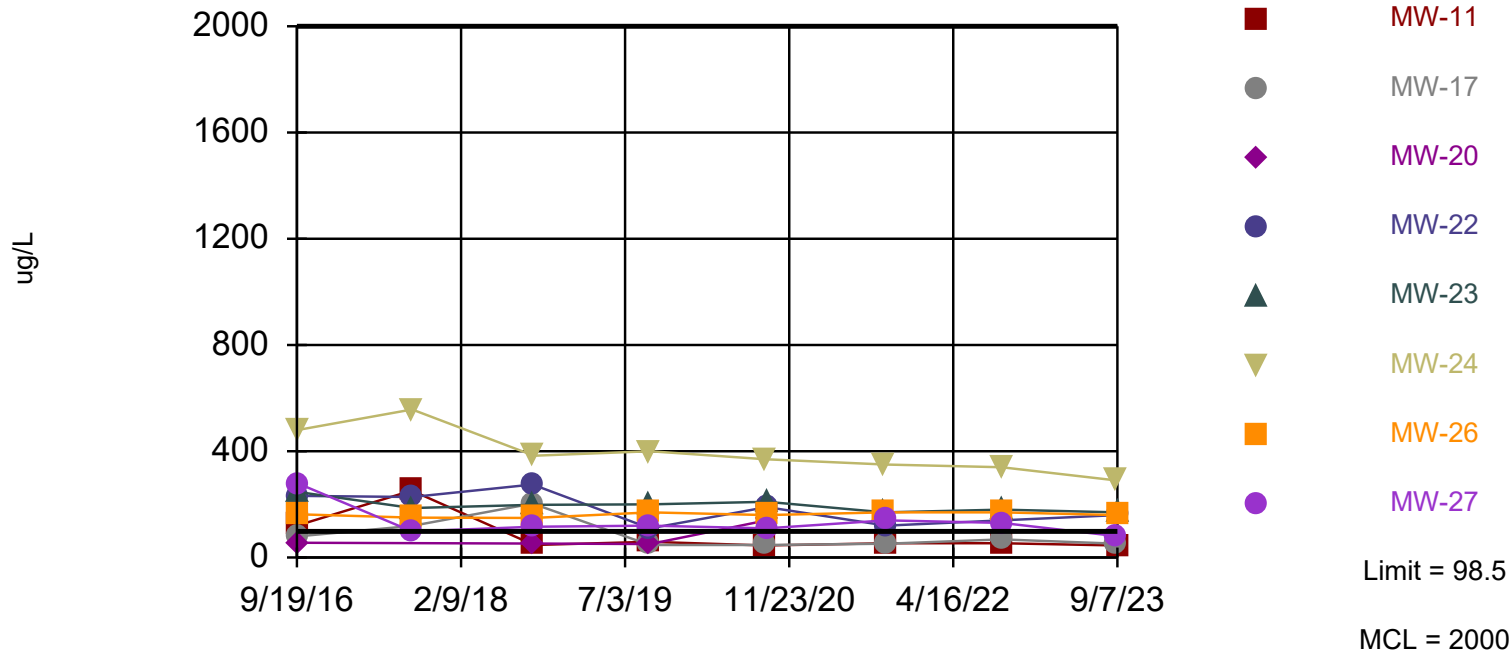
Constituent: Arsenic (ug/L) Analysis Run 10/13/2023 9:13 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-8 (bg)	MW-20	MW-23	MW-26	MW-24	MW-27	MW-22	MW-17	MW-11
9/15/2016	0.17 (J)								
9/19/2016		0.51 (J)							
9/20/2016			2						
9/21/2016				0.11 (J)					
9/22/2016					3.1	18.6	<0.1	<0.1	2.2
9/9/2017	0.18 (J)								
9/10/2017								0.79 (J)	8
9/11/2017			0.51 (J)	0.15 (J)	9.6	2.2	0.23 (J)		
9/20/2018	0.2 (J)		0.35 (J)				1.1	1.8	
9/21/2018				0.2 (J)		1.4			
9/24/2018		1.1			2.2				0.8 (J)
9/18/2019			<0.75					<0.75	2.3
9/19/2019	<0.75	2		<0.75	1.9 (J)	<0.75	2.6		
9/10/2020					1.5 (J)				<0.88
9/11/2020	<0.88							<0.88	
9/14/2020		16		<0.88		<0.88			
9/15/2020			<0.88				<0.88		
9/15/2021			0.87 (J)						
9/16/2021	<0.75			<0.75	1.6 (J)				
9/20/2021						1 (J)			
9/21/2021							<0.75	1.3 (J)	
9/22/2021									1.4 (J)
9/13/2022					1.6 (J)				1.3 (J)
9/14/2022	<0.75		1.4 (J)	<0.75		1.2 (J)	<0.75	0.98 (J)	
9/6/2023					1.7 (J)	0.85 (J)		0.67 (J)	
9/7/2023	<0.53 (U)		0.63 (J)	<0.53 (U)			<0.53 (U)		0.93 (J)

Exceeds Limit: MW-20, MW-22, MW-23, MW-24, MW-26

Barium

Interwell Parametric



Background Data Summary: Mean=84.31, Std. Dev.=4.506, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8446, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 8 points to limit. Assumes 6 future values.

Prediction Limit Analysis Run 10/13/2023 9:12 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

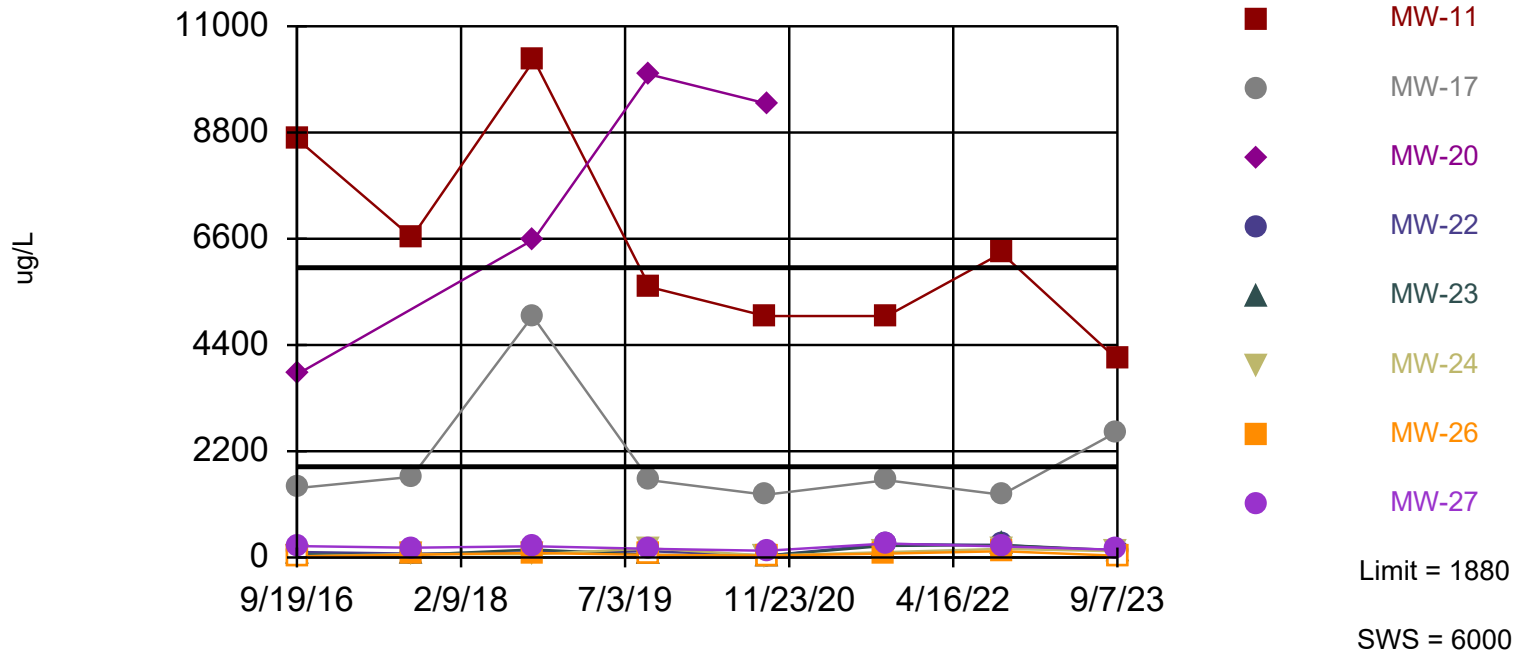
Constituent: Barium (ug/L) Analysis Run 10/13/2023 9:13 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									84.2
9/19/2016			55.3						
9/20/2016					247				
9/21/2016							163		
9/22/2016	121	79.6		232		480		279	
9/9/2017									81.2
9/10/2017	252	119							
9/11/2017				228	186	557	150	98.4	
9/20/2018		203		275	198				84.1
9/21/2018							149	116	
9/24/2018	46.9		52.5			383			
9/18/2019	59	47			200				
9/19/2019			51	110		400	170	120	87
9/10/2020	45					370			
9/11/2020		47							80
9/14/2020			140				160	110	
9/15/2020				190	210				
9/15/2021					170				
9/16/2021						350	170		83
9/20/2021								140	
9/21/2021		52		120					
9/22/2021	54								
9/13/2022	54 (B)					340 (B)			
9/14/2022		68 (B)		140 (B)	180 (B)		170 (B)	130 (B)	81 (B)
9/6/2023		52				290		80	
9/7/2023	45			160	170		160		94

Exceeds Limit: MW-11, MW-17, MW-20

Boron

Interwell Parametric



Background Data Summary: Mean=571.6, Std. Dev.=415.9, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8448, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 8 points to limit. Assumes 6 future values.

Prediction Limit Analysis Run 10/13/2023 9:12 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

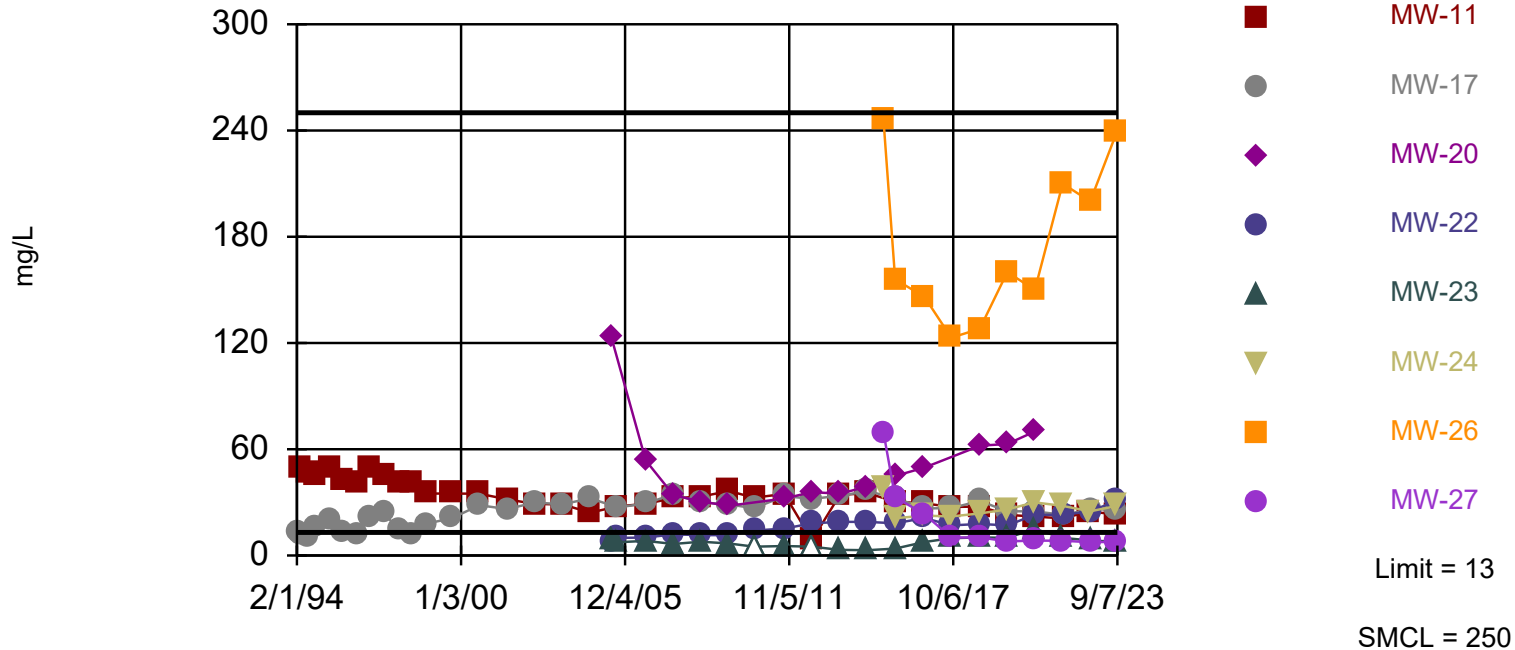
Constituent: Boron (ug/L) Analysis Run 10/13/2023 9:13 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									244
9/19/2016			3790						
9/20/2016					66.8 (J)				
9/21/2016							<50		
9/22/2016	8650	1440		114		<50		237	
9/9/2017									339
9/10/2017	6630	1670							
9/11/2017				79.2 (J)	53.6 (J)	72.7 (J)	58.3 (J)	203	
9/20/2018		5000		108	165				1220
9/21/2018							94.5 (J)	232	
9/24/2018	10300		6590			65.7 (J)			
9/18/2019	5600	1600			<110				
9/19/2019			10000	130 (J)		190 (J)	<110	180 (J)	1100
9/10/2020	5000					<80			
9/11/2020		1300							380
9/14/2020			9400				<80	140	
9/15/2020				<80	<80				
9/15/2021					240				
9/16/2021						110	80 (J)		150
9/20/2021								290	
9/21/2021		1600		280					
9/22/2021	5000								
9/13/2022	6300					180			
9/14/2022		1300		260	260		130	230	310
9/6/2023		2600				130		160	
9/7/2023	4100			130	150		<76 (U)		830

Exceeds Limit: MW-11, MW-17, MW-20,
MW-22, MW-24, MW-26

Chloride

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=1.552, Std. Dev.=0.4733, n=37, 35.14% NDs. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9407, critical = 0.914. Kappa = 2.139 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 8 points to limit. Assumes 6 future values.

Prediction Limit Analysis Run 10/13/2023 9:13 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/13/2023 9:13 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
2/1/1994		13							7
4/1/1994	50	12							2
7/1/1994	47	11							<5
10/1/1994	45	16							<5
4/1/1995	50	20							<5
10/1/1995	42	13							<5
4/1/1996	41	12							2.8
10/1/1996	49	21							13
4/1/1997	46	24							<5
10/1/1997	41	14							<5
4/1/1998	40.7	11.6							<5
10/1/1998	35	18							<5
9/1/1999	35	21							<5
9/1/2000	34.9	28.4							5.5
9/1/2001	31.7	26.2							10.2
9/1/2002	29.1	29.9							<5
9/1/2003	28.8	28.9							6.4
9/1/2004	24.2	32.3							7.3
6/1/2005			124	8.1	9				
9/1/2005	27.8	27.1		10	7.5				7
9/1/2006	29.2	29.5	53.7	10.1	8.23				<5
9/1/2007	32.4	34.4	34.2	11.9	6.49				7.85
9/1/2008	33.3	30	30.4	11.5	7.83				7.7
9/1/2009	36.4	28.8	28.1	11.5	6.78				<5
8/1/2010	32.6	26.7		14.1	<5				3.44
9/1/2011	34.8	33.5	32.2	15.2	5.38				3.12
9/1/2012	8.64	32	35.8	18.2	<5				<5
9/1/2013	34.2	33.7	34.9	19	3.2				7.5
9/1/2014	35.3	36.3	39	19	3				8.1
4/1/2015						37.9	246	69.5	
9/1/2015	30.4	32.5	44.9	18.2	3.9	21.1	156	32.9	4.3
9/15/2016									1.3
9/19/2016			49.6						
9/20/2016					7.6				
9/21/2016							146		
9/22/2016	29.5	26.6		21.2		22.5		23.3	
9/9/2017									1.8
9/10/2017	27.4	26.8							
9/11/2017				17	9.8	22.1	123	10.1	
9/20/2018		30.8		17.8	10.2				4.7
9/21/2018							128	10.2	
9/24/2018	27.7		62			23.8			
9/18/2019	23	25			10				
9/19/2019			63	17		26	160	8	5
9/10/2020	22					30			
9/11/2020		25							2.6 (J)
9/14/2020			70				150	8.4	
9/15/2020				23	15				
9/15/2021					10				
9/16/2021						28	210		3 (J)
9/20/2021								8.3	
9/21/2021		23		23					

Prediction Limit

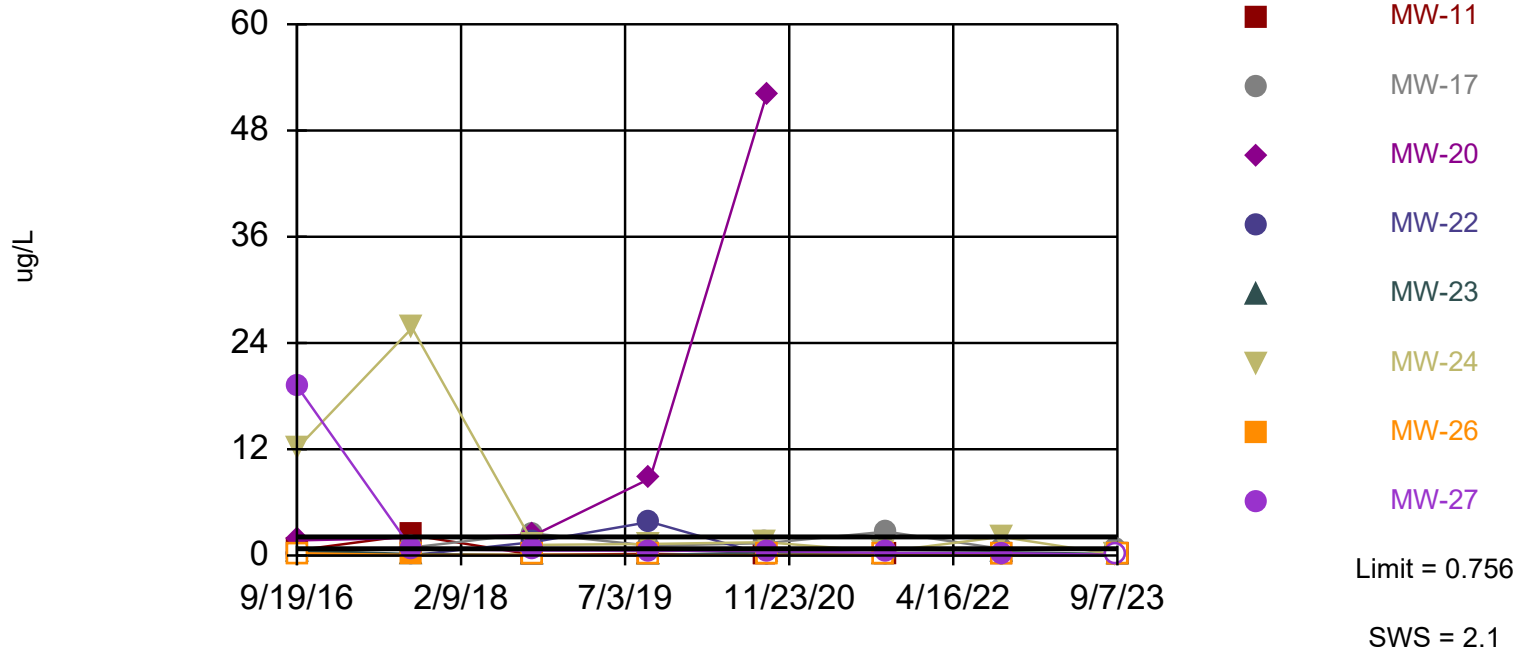
Constituent: Chloride (mg/L) Analysis Run 10/13/2023 9:13 AM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/22/2021	21								
9/13/2022	25					25			
9/14/2022		26		25	8.5		200	7.5	2.8 (J)
9/6/2023		26				28		7.7	
9/7/2023	23			31	7.7		240		3.7 (J)

Exceeds Limit: MW-20

Cobalt

Interwell Parametric



Background Data Summary: Mean=0.3338, Std. Dev.=0.1338, n=8, 12.5% NDs. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8937, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 8 points to limit. Assumes 6 future values.

Prediction Limit Analysis Run 10/13/2023 9:13 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

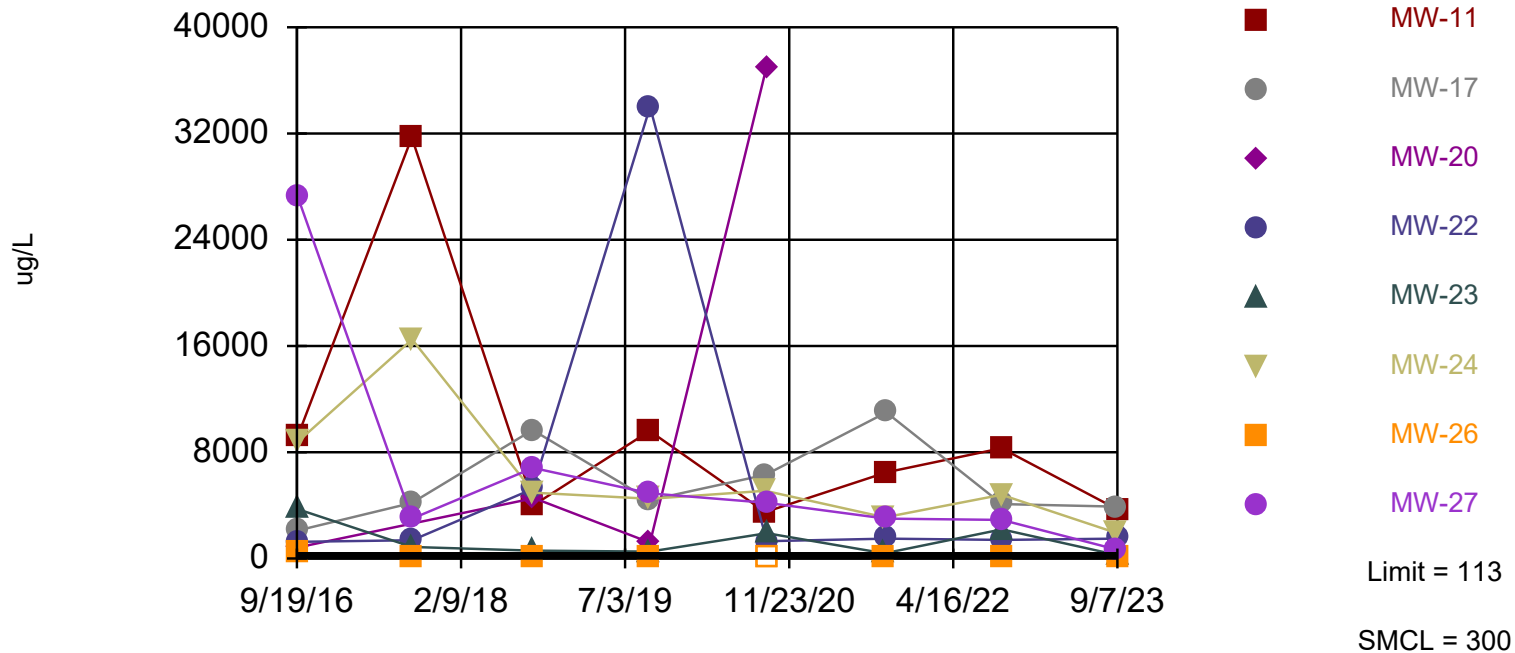
Prediction Limit

Constituent: Cobalt (ug/L) Analysis Run 10/13/2023 9:13 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									<0.5
9/19/2016			1.7						
9/20/2016					0.55 (J)				
9/21/2016							<0.5		
9/22/2016	0.6 (J)	<0.5		<0.5		12.2		19	
9/9/2017									0.28 (J)
9/10/2017	2.3	0.91 (J)							
9/11/2017				0.047 (J)	0.17 (J)	25.7	0.055 (J)	0.73 (J)	
9/20/2018		2.5		1.5	<0.15				0.17 (J)
9/21/2018							<0.15	0.56 (J)	
9/24/2018	<0.15		2.3			1.2			
9/18/2019	0.18 (J)	1.1			<0.091				
9/19/2019			8.7	3.8		1.3	<0.091	0.54	0.47 (J)
9/10/2020	<0.091					1.5			
9/11/2020		1.4							0.32 (J)
9/14/2020			52				<0.091	0.49 (J)	
9/15/2020				<0.091	0.37 (J)				
9/15/2021					0.26 (J)				
9/16/2021						0.43 (J)	<0.19		0.59
9/20/2021								0.29 (J)	
9/21/2021		2.7		0.2 (J)					
9/22/2021	0.2 (J)								
9/13/2022	0.23 (J)								
9/14/2022		0.75		<0.19	0.36 (J)		<0.19	0.27 (J)	0.27 (J)
9/6/2023		0.66				<0.17 (U)		<0.17 (U)	
9/7/2023	<0.17 (U)			<0.17 (U)	0.17 (J)		<0.17 (U)		0.32 (J)

Exceeds Limit: MW-11, MW-17, MW-20,
MW-22, MW-23, MW-24, MW-27

Iron Interwell Parametric



Background Data Summary: Mean=56.45, Std. Dev.=17.9, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9733, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 8 points to limit. Assumes 6 future values.

Prediction Limit

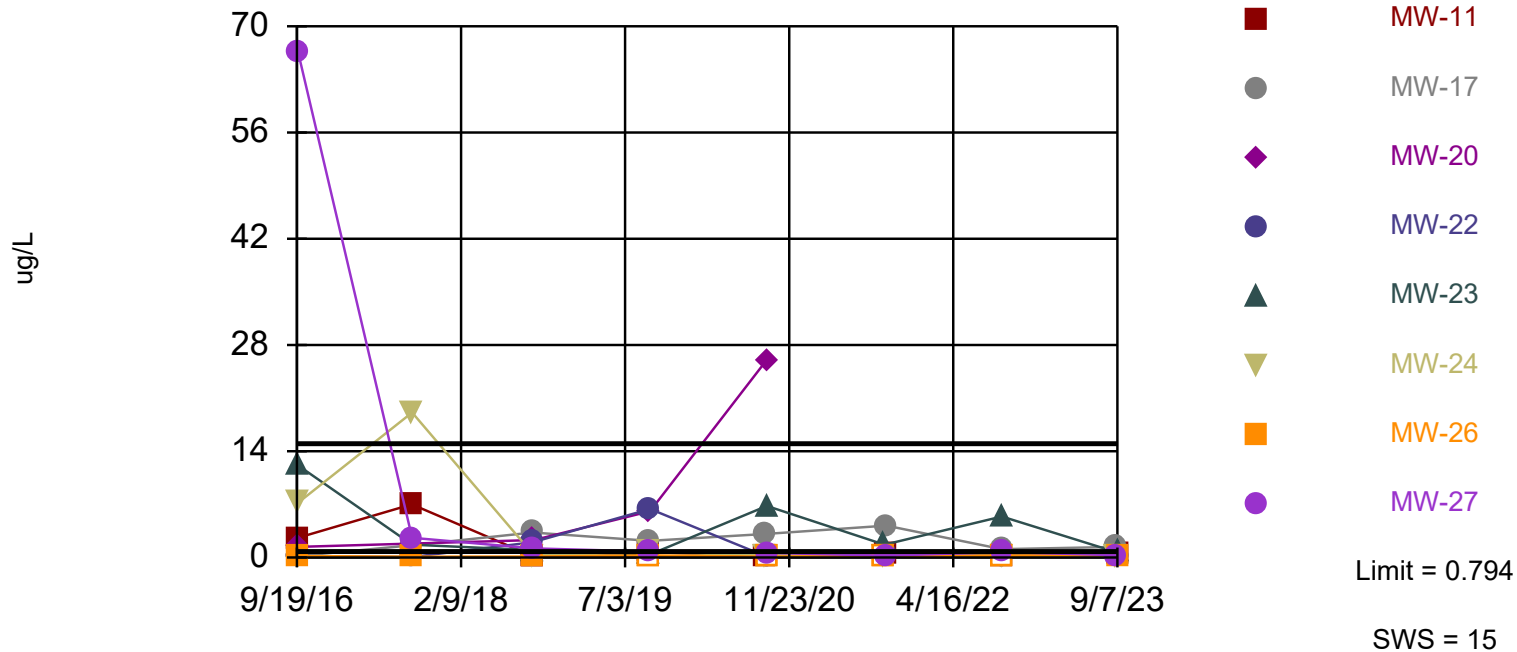
Constituent: Iron (ug/L) Analysis Run 10/13/2023 9:13 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									56.6
9/19/2016			819						
9/20/2016					3730				
9/21/2016							396		
9/22/2016	9230	2110		1250		8800		27200	
9/9/2017									27 (J)
9/10/2017	31700	4180							
9/11/2017				1380	875	16500	55.4	3000	
9/20/2018		9670		5230	591				45 (J)
9/21/2018							124	6820	
9/24/2018	4040		4550			4950			
9/18/2019	9600	4400			520				
9/19/2019			1200	34000		4500	78 (J)	4900	84 (J)
9/10/2020	3500					5100			
9/11/2020		6300							76 (J)
9/14/2020			37000				<50	4200	
9/15/2020				1300	1900				
9/15/2021					390				
9/16/2021						3100	53 (J)		62 (J)
9/20/2021								3000	
9/21/2021		11000		1500					
9/22/2021	6500								
9/13/2022	8300					4800			
9/14/2022		4100		1400	2200		140	2900	51 (J)
9/6/2023		3900				1900		660	
9/7/2023	3700			1500	260		76 (J)		50 (J)

Exceeds Limit: MW-17, MW-20

Lead

Interwell Parametric



Background Data Summary: Mean=0.2784, Std. Dev.=0.1632, n=8, 37.5% NDs. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8793, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 8 points to limit. Assumes 6 future values.

Prediction Limit Analysis Run 10/13/2023 9:13 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

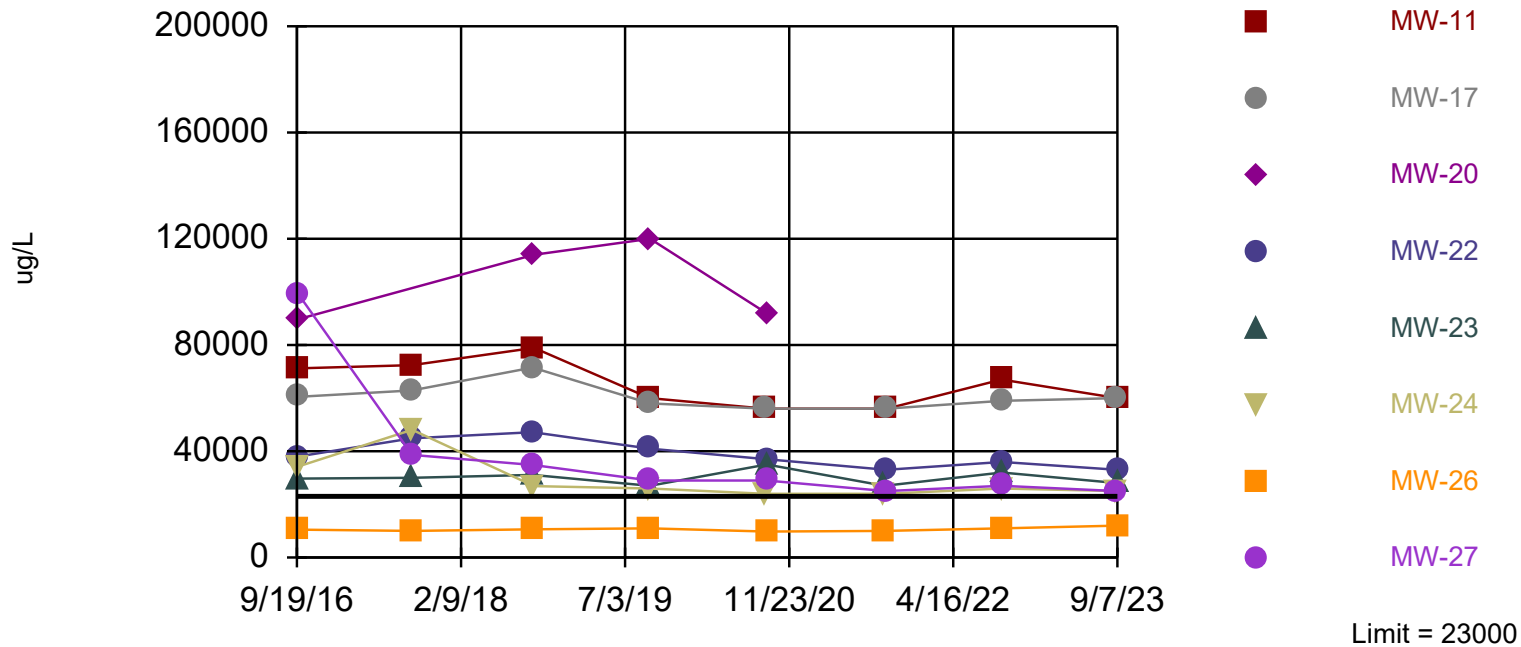
Constituent: Lead (ug/L) Analysis Run 10/13/2023 9:13 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									<0.19
9/19/2016			1.4						
9/20/2016					12.2				
9/21/2016							0.2 (J)		
9/22/2016	2.6	<0.19		<0.19		7.2		66.7	
9/9/2017									0.087 (J)
9/10/2017	7	1.6							
9/11/2017				0.07 (J)	1.7	19.1	0.12 (J)	2.6	
9/20/2018		3.3		2	0.97 (J)				0.17 (J)
9/21/2018							0.14 (J)	1.2	
9/24/2018	<0.12		2.3			0.28 (J)			
9/18/2019	0.72	2.2			0.39 (J)				
9/19/2019			6.1	6.4		0.67	<0.27	0.79	0.56
9/10/2020	0.18 (J)					0.3 (J)			
9/11/2020		3.1							0.49 (J)
9/14/2020			26				<0.11	0.61	
9/15/2020				<0.11	6.8				
9/15/2021					1.7				
9/16/2021						0.23 (J)	<0.21		<0.21
9/20/2021								0.23 (J)	
9/21/2021		4.2		0.45 (J)					
9/22/2021	0.39 (J)								
9/13/2022	0.3 (J)								
9/14/2022		1.1		<0.24	5.4		<0.24	0.72	<0.24
9/6/2023		1.4				<0.24 (U)		0.3 (J)	
9/7/2023	0.47 (J)			0.31 (J)	0.66		0.3 (J)		0.28 (J)

Exceeds Limit: MW-11, MW-17, MW-20,
MW-22, MW-23, MW-24, MW-27

Magnesium

Interwell Parametric



Background Data Summary: Mean=19500, Std. Dev.=1122, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9083, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 8 points to limit. Assumes 6 future values.

Prediction Limit Analysis Run 10/13/2023 9:13 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

Prediction Limit

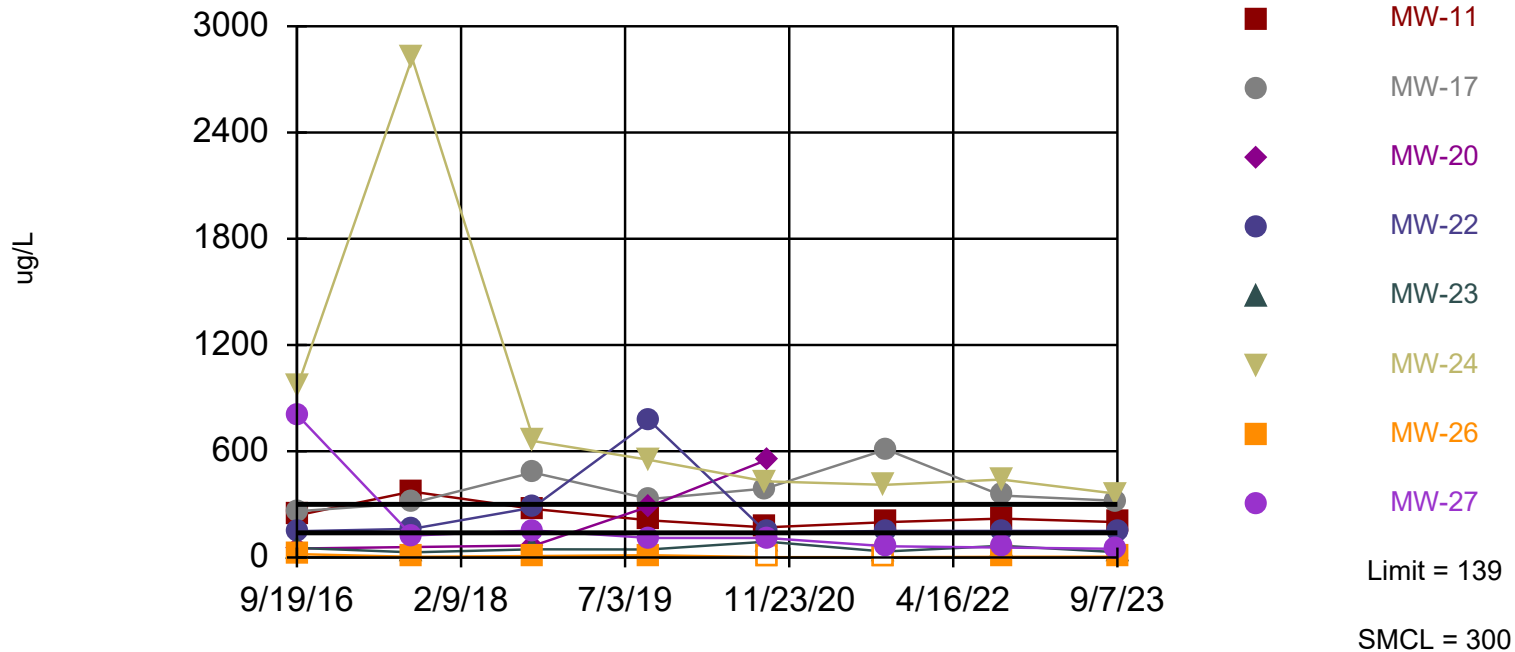
Constituent: Magnesium (ug/L) Analysis Run 10/13/2023 9:13 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									18900
9/19/2016			89600						
9/20/2016					29700				
9/21/2016							10500		
9/22/2016	71200	60500		38000		34200		99400	
9/9/2017									20600
9/10/2017	72400	62900							
9/11/2017				44900	30000	48100	10000	38600	
9/20/2018		71500		47200	31100				21500
9/21/2018							10600	34800	
9/24/2018	78900		114000			26900			
9/18/2019	60000	58000			27000				
9/19/2019			120000	41000		26000	11000	29000	20000
9/10/2020	56000					24000			
9/11/2020		56000							18000
9/14/2020			92000				9800	29000	
9/15/2020				37000	35000				
9/15/2021					27000				
9/16/2021						24000	10000		19000
9/20/2021								25000	
9/21/2021		56000		33000					
9/22/2021	56000								
9/13/2022	67000					26000			
9/14/2022		59000		36000	32000		11000	27000	19000
9/6/2023		60000				25000		25000	
9/7/2023	60000			33000	28000		12000		19000

Exceeds Limit: MW-11, MW-17, MW-20,
MW-22, MW-24

Manganese

Interwell Parametric



Background Data Summary: Mean=72.81, Std. Dev.=20.89, n=8. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8441, critical = 0.749. Kappa = 3.158 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 8 points to limit. Assumes 6 future values.

Prediction Limit

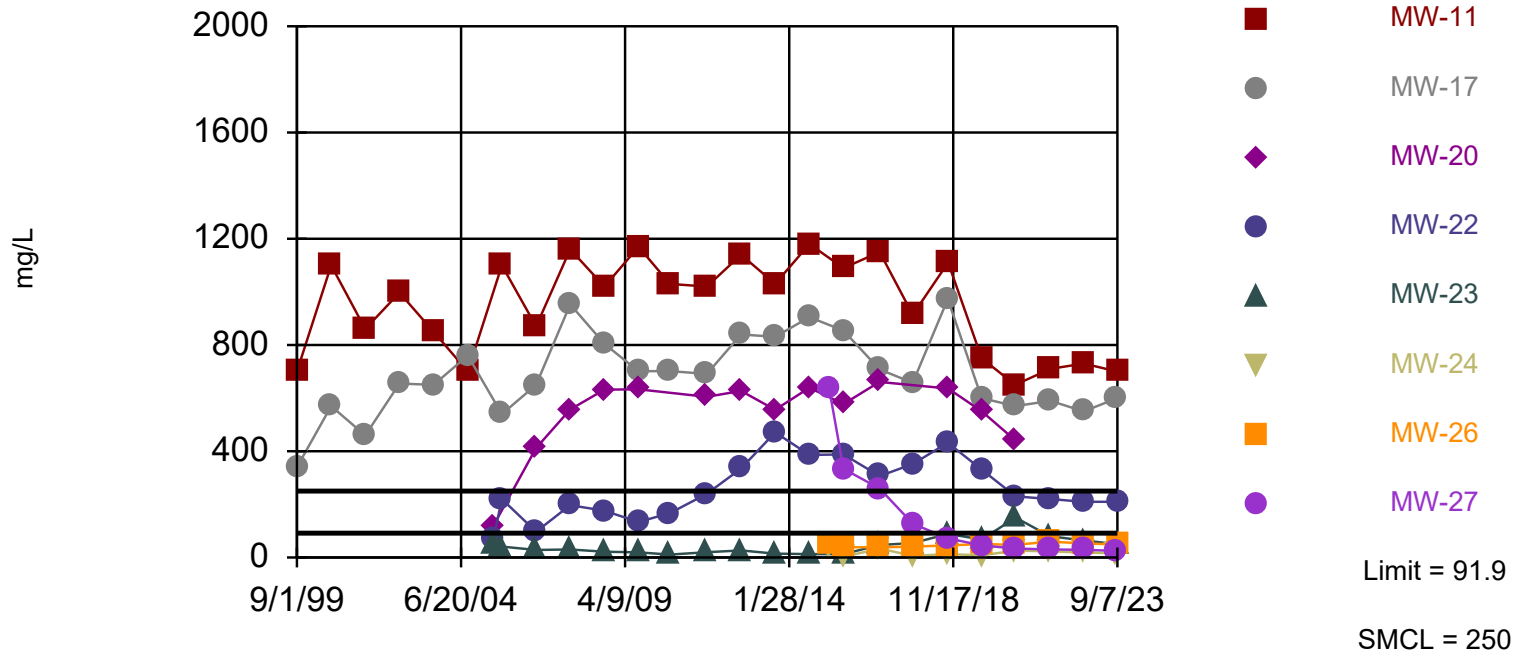
Constituent: Manganese (ug/L) Analysis Run 10/13/2023 9:13 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/15/2016									27.6
9/19/2016			50.6						
9/20/2016					54.1				
9/21/2016							19.1		
9/22/2016	239	261		148		973		802	
9/9/2017									77.4
9/10/2017	372	307							
9/11/2017				162	28.8	2820	3.9	124	
9/20/2018		480		281	46.2				74.5
9/21/2018							8.6	153	
9/24/2018	274		67.8			657			
9/18/2019	210	330			45				
9/19/2019			290	770		550	13	110	77
9/10/2020	170					430			
9/11/2020		390							84
9/14/2020			550				<4	110	
9/15/2020				140	90				
9/15/2021					34				
9/16/2021						410	<4.4		100
9/20/2021								63	
9/21/2021		610		150					
9/22/2021	200								
9/13/2022	220					440			
9/14/2022		350		150	66		4 (J)	56	78
9/6/2023		320				360		49	
9/7/2023	200			150	30		4.7 (J)		64

Exceeds Limit: MW-11, MW-17, MW-20,
MW-22

Sulfate

Interwell Parametric



Background Data Summary: Mean=44.23, Std. Dev.=21.24, n=25. Insufficient data to test for seasonality; not deseasonalized. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9643, critical = 0.888. Kappa = 2.245 (c=12, w=14, 1 of 2, event alpha = 0.1). Report alpha = 0.008742. Individual comparison alpha = 0.0006269. Comparing 8 points to limit. Assumes 6 future values.

Prediction Limit Analysis Run 10/13/2023 9:13 AM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

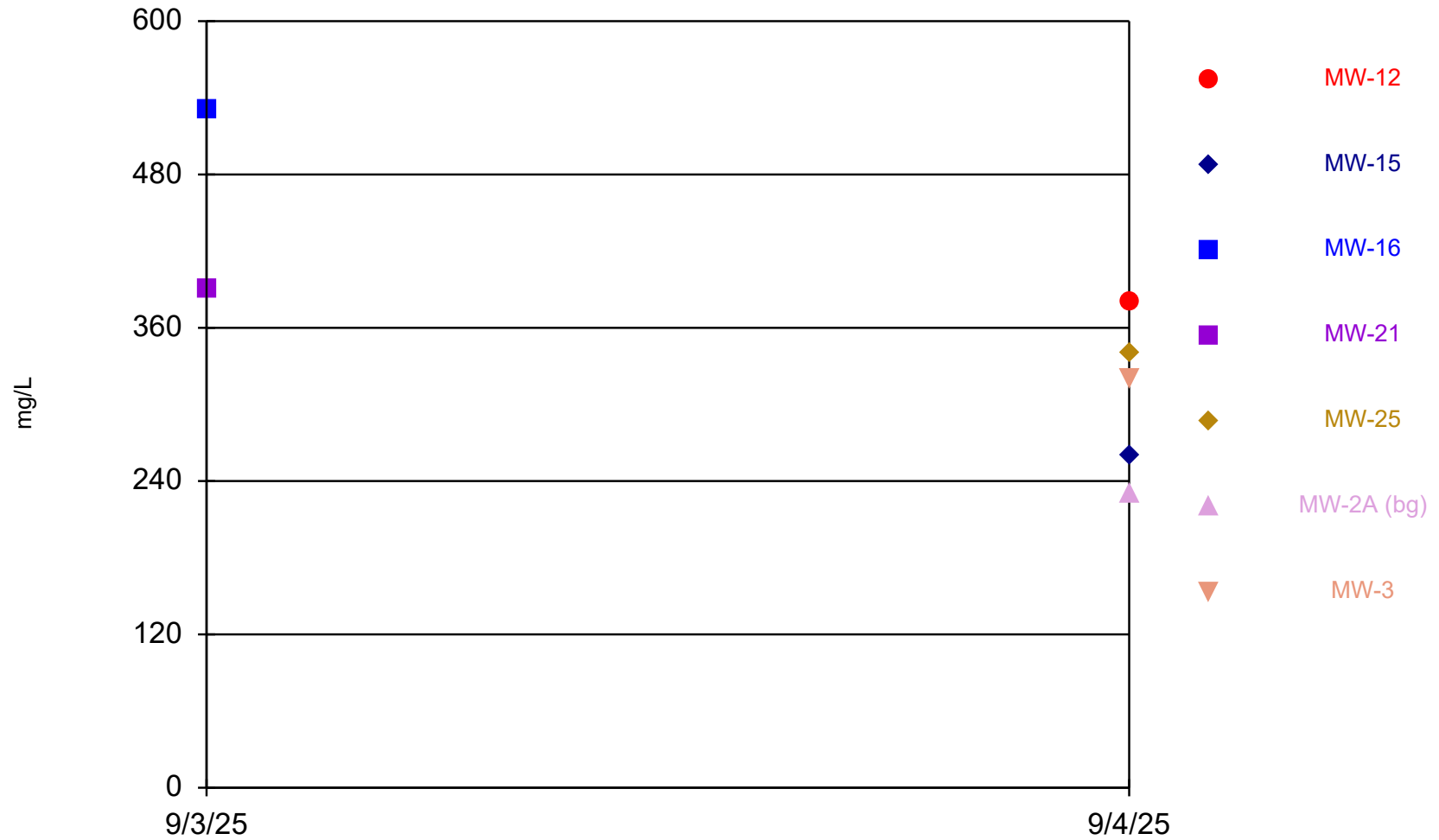
Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/13/2023 9:13 AM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint_InputFile

	MW-11	MW-17	MW-20	MW-22	MW-23	MW-24	MW-26	MW-27	MW-8 (bg)
9/1/1999	700	340							26
9/1/2000	1100	570							28
9/1/2001	860	460							58
9/1/2002	997	655							37.8
9/1/2003	850	650							60
9/1/2004	700	760							63
6/1/2005			120	70	54				
9/1/2005	1100	540		220	41				95
9/1/2006	870	650	412	97.2	28.4				38
9/1/2007	1160	953	557	197	30.2				64.1
9/1/2008	1020	804	632	176	21.6				67.7
9/1/2009	1170	701	633	134	19.3				48.6
8/1/2010	1030	702		167	11				47.1
9/1/2011	1020	691	605	240	20.3				40.8
9/1/2012	1140	840	627	335	26.5				44.1
9/1/2013	1030	831	556	471	14.8				66.3
9/1/2014	1180	905	639	386	12.7				73.5
4/1/2015						41.8	52.3	635	
9/1/2015	1090	854	578	388	12.8	2.8	39.4	334	54.9
9/15/2016									12.7
9/19/2016			661						
9/20/2016					47.1				
9/21/2016							37.8		
9/22/2016	1150	708		307		33.8		260	
9/9/2017									19.9
9/10/2017	914	658							
9/11/2017				352	54.5	6.4	40.8	127	
9/20/2018		973		432	88.6				49.2
9/21/2018							45	72.7	
9/24/2018	1110		636			12.6			
9/18/2019	750	600			68				
9/19/2019			550	330		8	51	45	35
9/10/2020	650					26			
9/11/2020		570							17
9/14/2020			440				48	34	
9/15/2020				230	150				
9/15/2021					80				
9/16/2021						23	60		14
9/20/2021								30	
9/21/2021		590		220					
9/22/2021	710								
9/13/2022	730					19			
9/14/2022		550		210	64		53	29	18
9/6/2023		600				16		25	
9/7/2023	700			210	50		49		27

E2 Updated Time Series Plots

Alkalinity as CaCO3



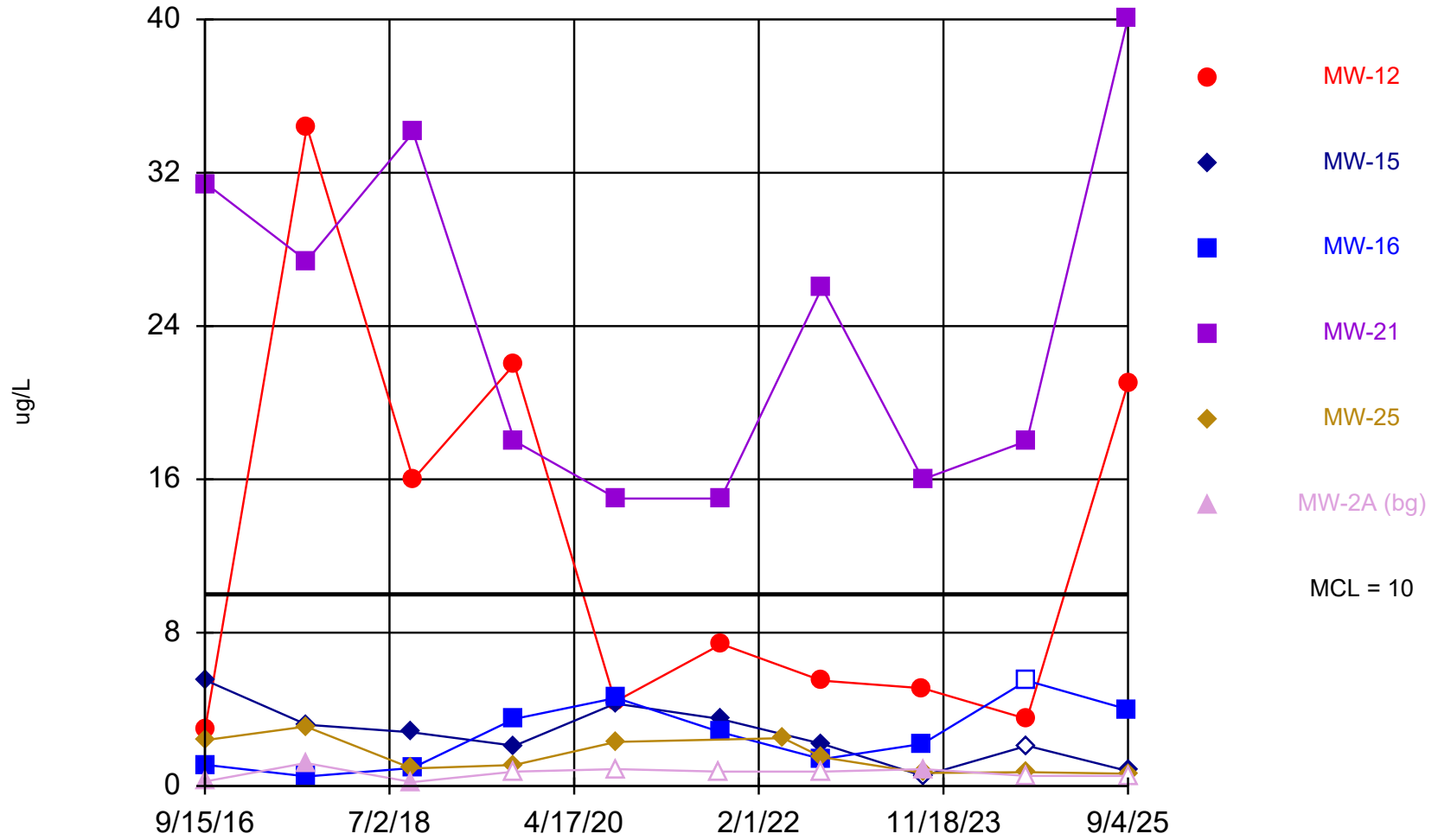
Time Series Analysis Run 3/4/2026 3:58 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Alkalinity as CaCO3 (mg/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/3/2025			530	390			
9/4/2025	380	260			340	230	320

Arsenic



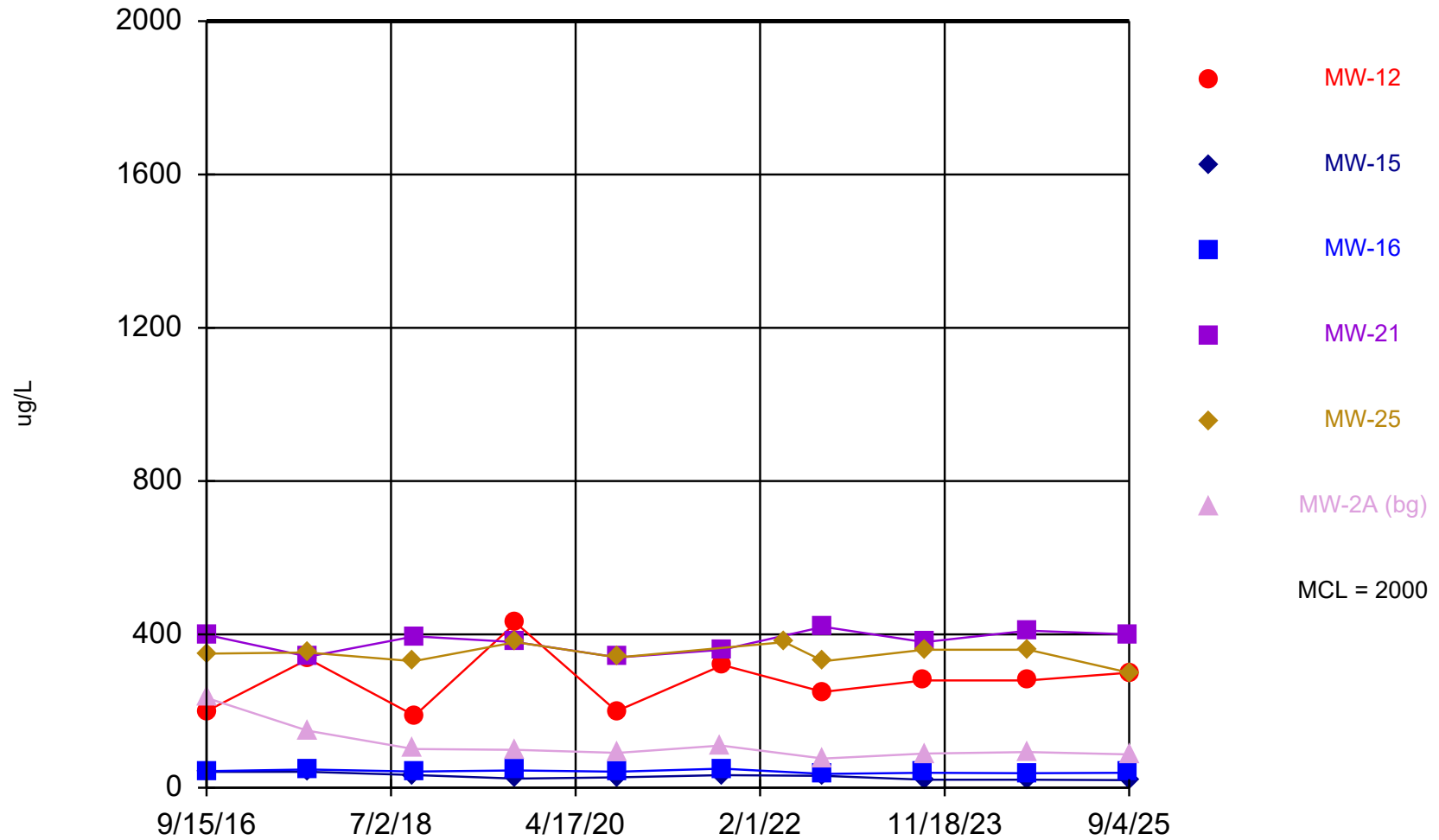
Time Series Analysis Run 3/4/2026 3:58 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Arsenic (ug/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	2.9					
9/16/2016						0.24 (J)
9/20/2016		5.5				
9/21/2016					2.4	
9/22/2016			1.1	31.4		
9/8/2017					3.1	1.2
9/11/2017				27.4		
9/12/2017	34.4	3.2	0.5 (J)			
9/20/2018		2.8			0.92 (J)	0.2 (J)
9/21/2018			0.94 (J)			
9/24/2018	16			34.1		
9/18/2019	22		3.5		1.1 (J)	
9/19/2019		2.1		18		<0.75
9/10/2020	4.4					
9/11/2020		4.3				
9/14/2020			4.6		2.3	<0.88
9/15/2020				15		
9/15/2021						<0.75
9/17/2021		3.5				
9/20/2021				15		
9/21/2021			2.8			
9/22/2021	7.4					
4/29/2022					2.5	
9/13/2022	5.5					
9/14/2022		2.2	1.4 (J)	26		<0.75
9/15/2022					1.5 (J)	
9/6/2023	5.1		2.2			
9/7/2023		<0.53 (U)		16	0.68 (J)	0.88 (J)
9/10/2024	3.5		<11	18		
9/11/2024		<2.1			0.72 (J)	<0.53
9/3/2025			4	40		
9/4/2025	21	0.78 (J)			0.64 (J)	<0.53 (U)

Barium



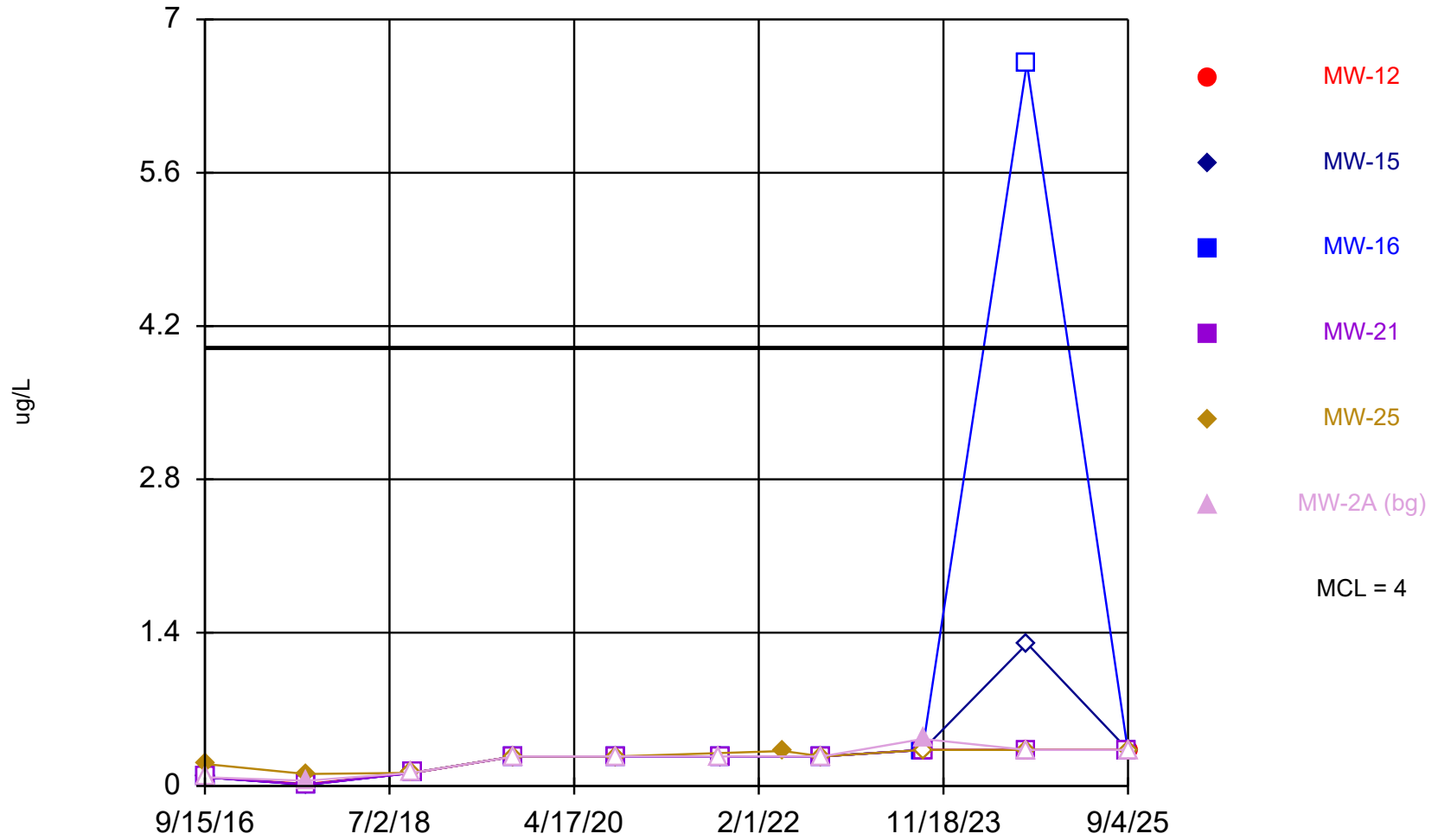
Time Series Analysis Run 3/4/2026 3:58 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Barium (ug/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	200					
9/16/2016						234
9/20/2016		41.6				
9/21/2016					350	
9/22/2016			43.5	398		
9/8/2017					353	149
9/11/2017				342		
9/12/2017	336	41.6	47.8			
9/20/2018		33.3			330	101
9/21/2018			42.2			
9/24/2018	188			395		
9/18/2019	430		45		380	
9/19/2019		24		380		99
9/10/2020	200					
9/11/2020		27				
9/14/2020			42		340	91
9/15/2020				340		
9/15/2021						110
9/17/2021		33				
9/20/2021				360		
9/21/2021			50			
9/22/2021	320					
4/29/2022					380	
9/13/2022	250 (B)					
9/14/2022		31 (B)	36 (B)	420 (B)		76 (B)
9/15/2022					330 (B)	
9/6/2023	280		39			
9/7/2023		21		380	360	89
9/10/2024	280		38	410		
9/11/2024		21			360	93
9/3/2025			39	400		
9/4/2025	300	20			300	87

Beryllium



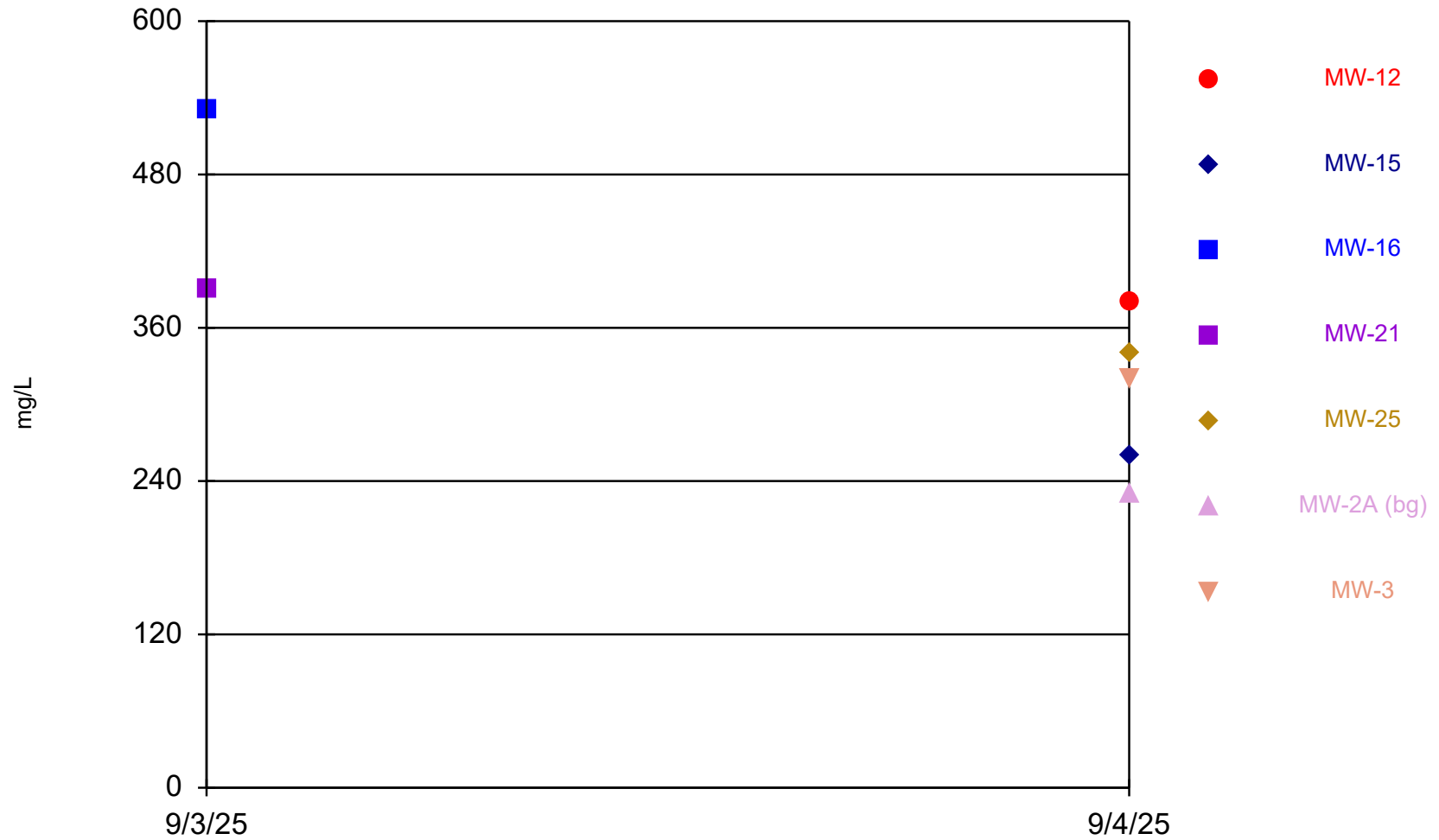
Time Series Analysis Run 3/4/2026 3:58 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Beryllium (ug/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.08					
9/16/2016						<0.08
9/20/2016		<0.08				
9/21/2016					0.2 (J)	
9/22/2016			<0.08	<0.08		
9/8/2017					0.11 (J)	0.048 (J)
9/11/2017				<0.012		
9/12/2017	0.018 (J)	<0.012	<0.012			
9/20/2018		<0.12			<0.12	<0.12
9/21/2018			<0.12			
9/24/2018	<0.12			<0.12		
9/18/2019	<0.27		<0.27		<0.27	
9/19/2019		<0.27		<0.27		<0.27
9/10/2020	<0.27					
9/11/2020		<0.27				
9/14/2020			<0.27		<0.27	<0.27
9/15/2020				<0.27		
9/15/2021						<0.27
9/17/2021		<0.27				
9/20/2021				<0.27		
9/21/2021			<0.27			
9/22/2021	<0.27					
4/29/2022					0.32 (J)	
9/13/2022	<0.27					
9/14/2022		<0.27	<0.27	<0.27		<0.27
9/15/2022					<0.27	
9/6/2023	<0.33 (U)		<0.33 (U)			
9/7/2023		<0.33 (U)		<0.33 (U)	<0.33 (U)	0.43 (J)
9/10/2024	<0.33		<6.6	<0.33		
9/11/2024		<1.3			<0.33	<0.33
9/3/2025			<0.33 (U)	<0.33 (U)		
9/4/2025	<0.33 (U)	<0.33 (U)			<0.33 (U)	<0.33 (U)

Bicarbonate Alkalinity as CaCO3



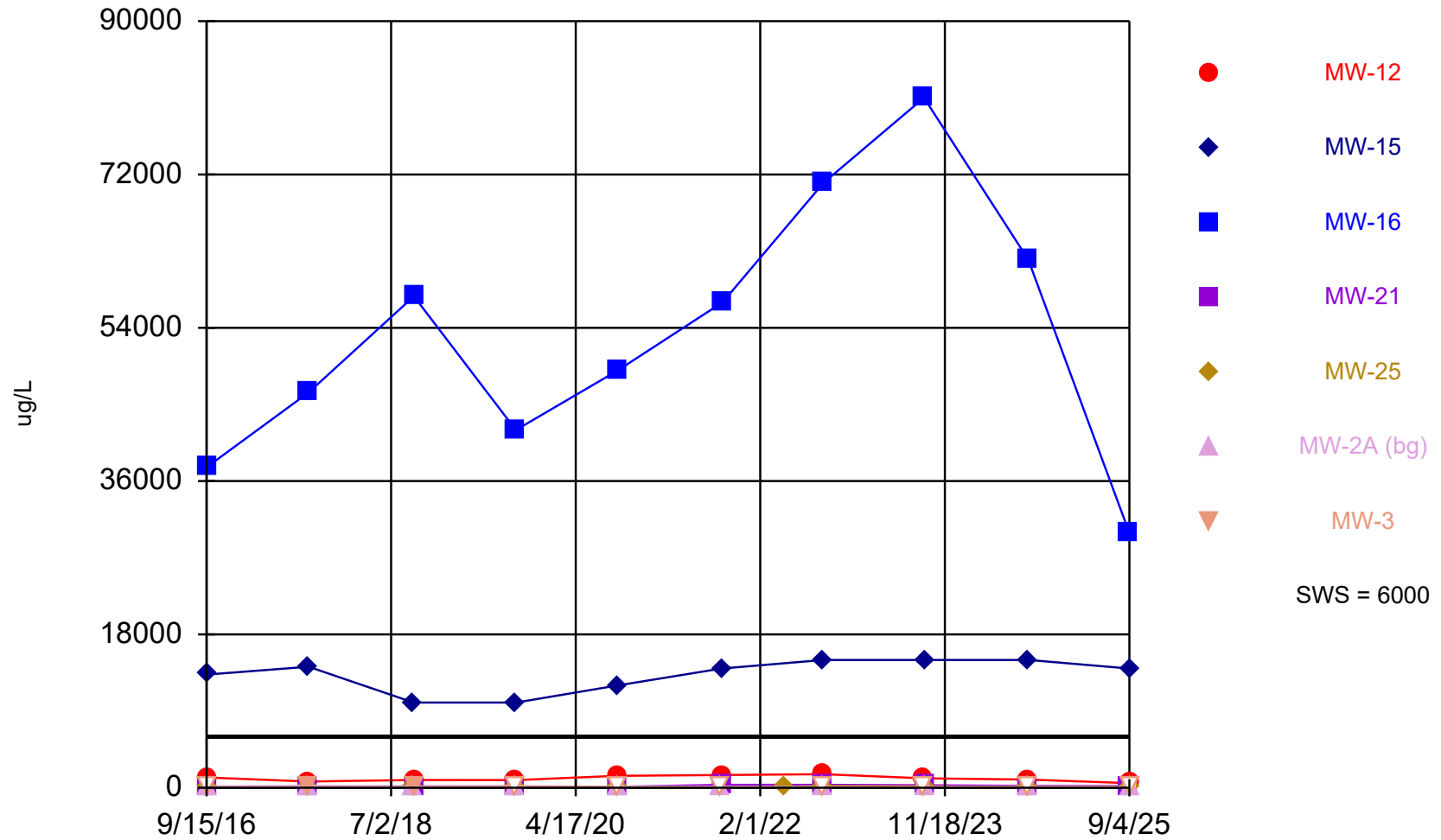
Time Series Analysis Run 3/4/2026 3:58 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Bicarbonate Alkalinity as CaCO3 (mg/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/3/2025			530	390			
9/4/2025	380	260			340	230	320

Boron



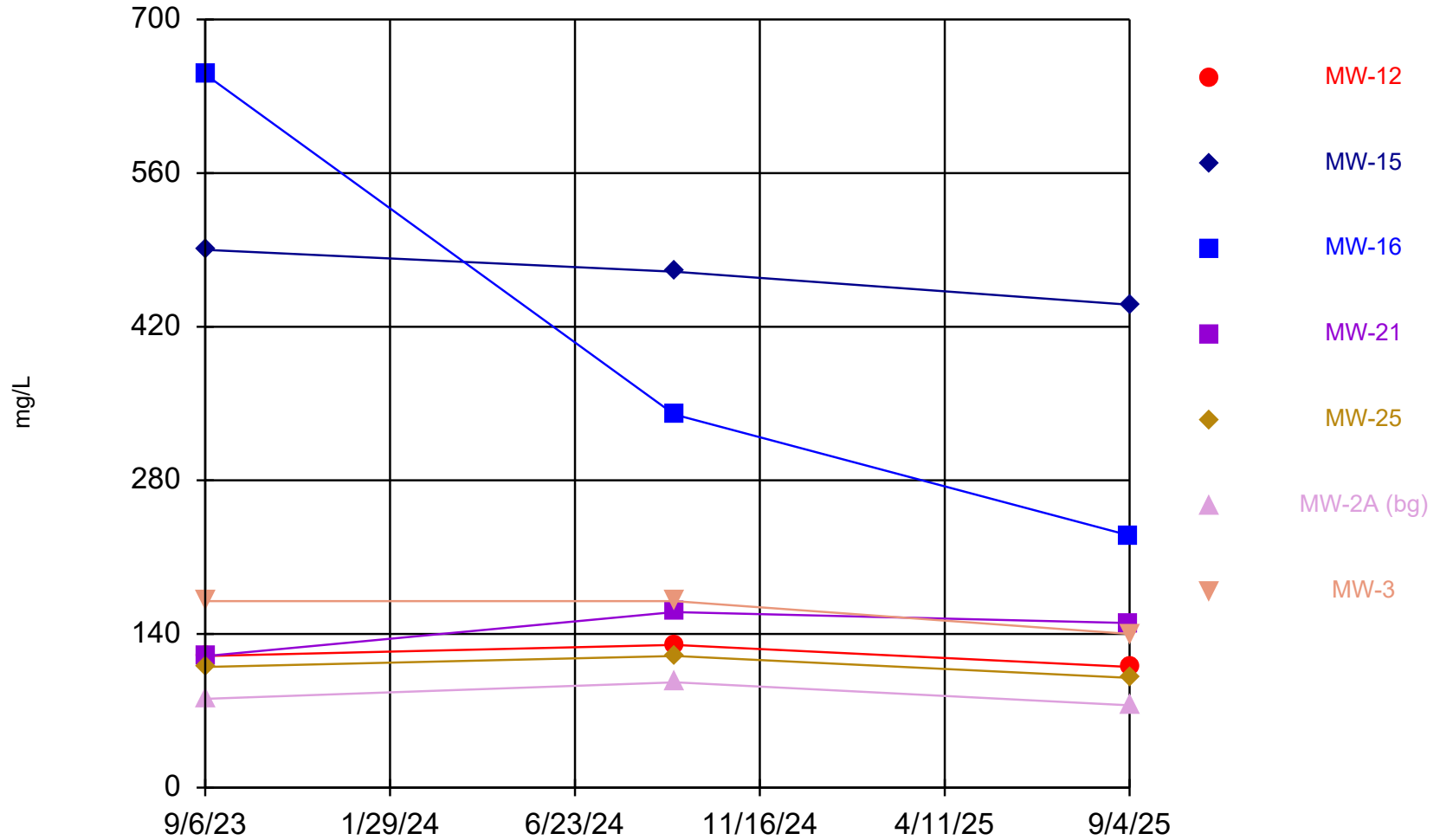
Time Series Analysis Run 3/4/2026 3:58 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Boron (ug/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/15/2016	1200						<50
9/16/2016						159	
9/20/2016		13300					
9/21/2016					98 (J)		
9/22/2016			37800	86.8 (J)			
9/8/2017					105	222	35.5 (J)
9/11/2017				116			
9/12/2017	741	14200	46400				
9/20/2018		10000			153	141	
9/21/2018			57700				49.3 (J)
9/24/2018	910			158			
9/18/2019	890		42000		<110		
9/19/2019		10000		140 (J)		200	<110
9/10/2020	1400						
9/11/2020		12000					<80
9/14/2020			49000		<80	110	
9/15/2020				110			
9/15/2021						140	<58
9/17/2021		14000					
9/20/2021				350			
9/21/2021			57000				
9/22/2021	1500						
4/29/2022					110		
9/13/2022	1600						<58
9/14/2022		15000	71000	350		88 (J)	
9/15/2022					210		
9/6/2023	1100		81000				<76 (U)
9/7/2023		15000		300	170	100	
9/10/2024	960		62000	220			<76
9/11/2024		15000			77 (J)	110	
9/3/2025			30000	200			
9/4/2025	540	14000			<82 (U)	140	<82 (U)

Calcium



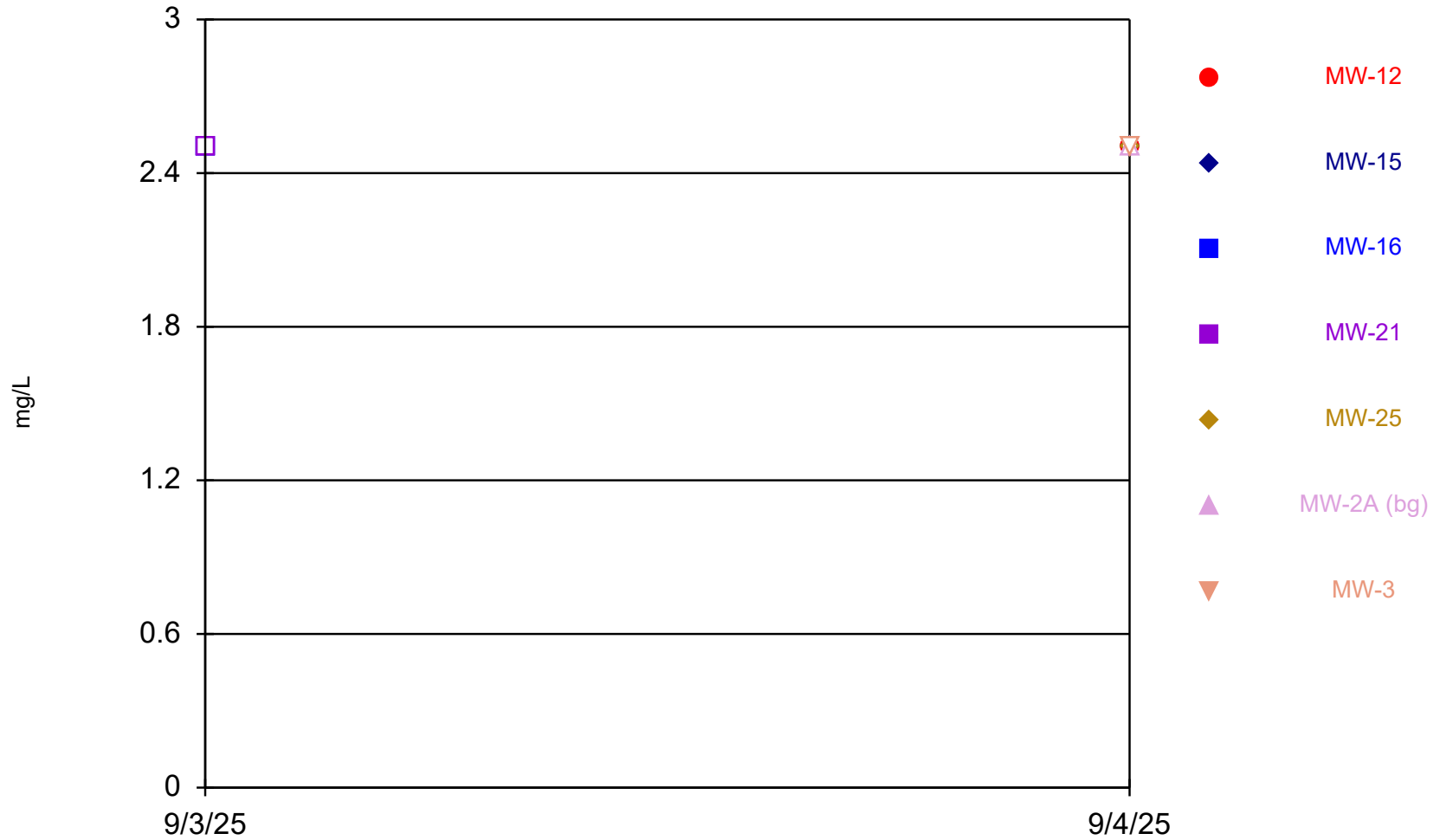
Time Series Analysis Run 3/4/2026 3:58 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Calcium (mg/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/6/2023	120		650				170
9/7/2023		490		120	110	81	
9/10/2024	130		340	160			170
9/11/2024		470			120	96	
9/3/2025			230	150			
9/4/2025	110	440			100	75	140

Carbonate Alkalinity as CaCO3



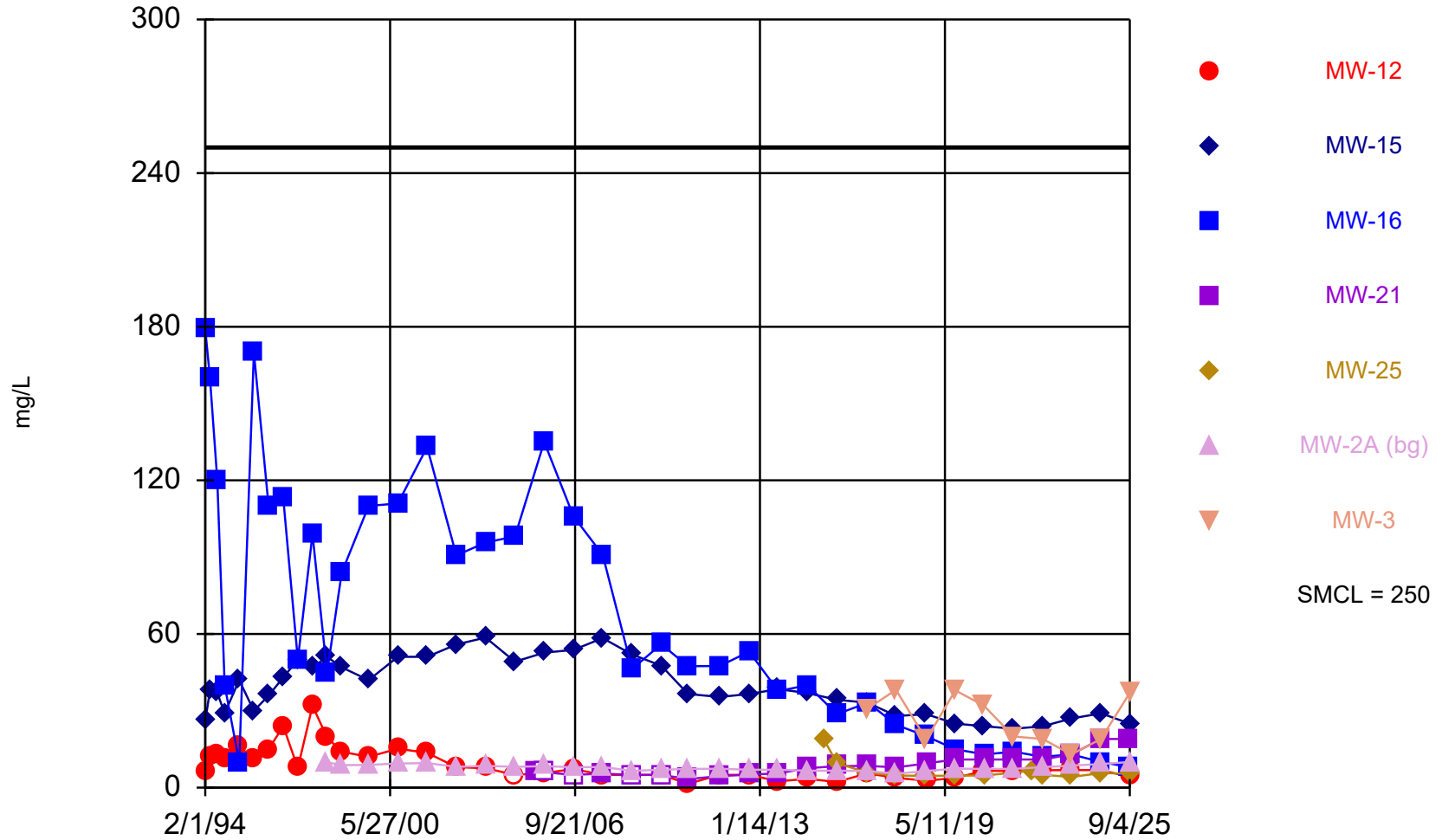
Time Series Analysis Run 3/4/2026 3:58 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Carbonate Alkalinity as CaCO3 (mg/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/3/2025			<2.5 (U)	<2.5 (U)			
9/4/2025	<2.5 (U)	<2.5 (U)			<2.5 (U)	<2.5 (U)	<2.5 (U)

Chloride



Time Series Analysis Run 3/4/2026 3:58 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

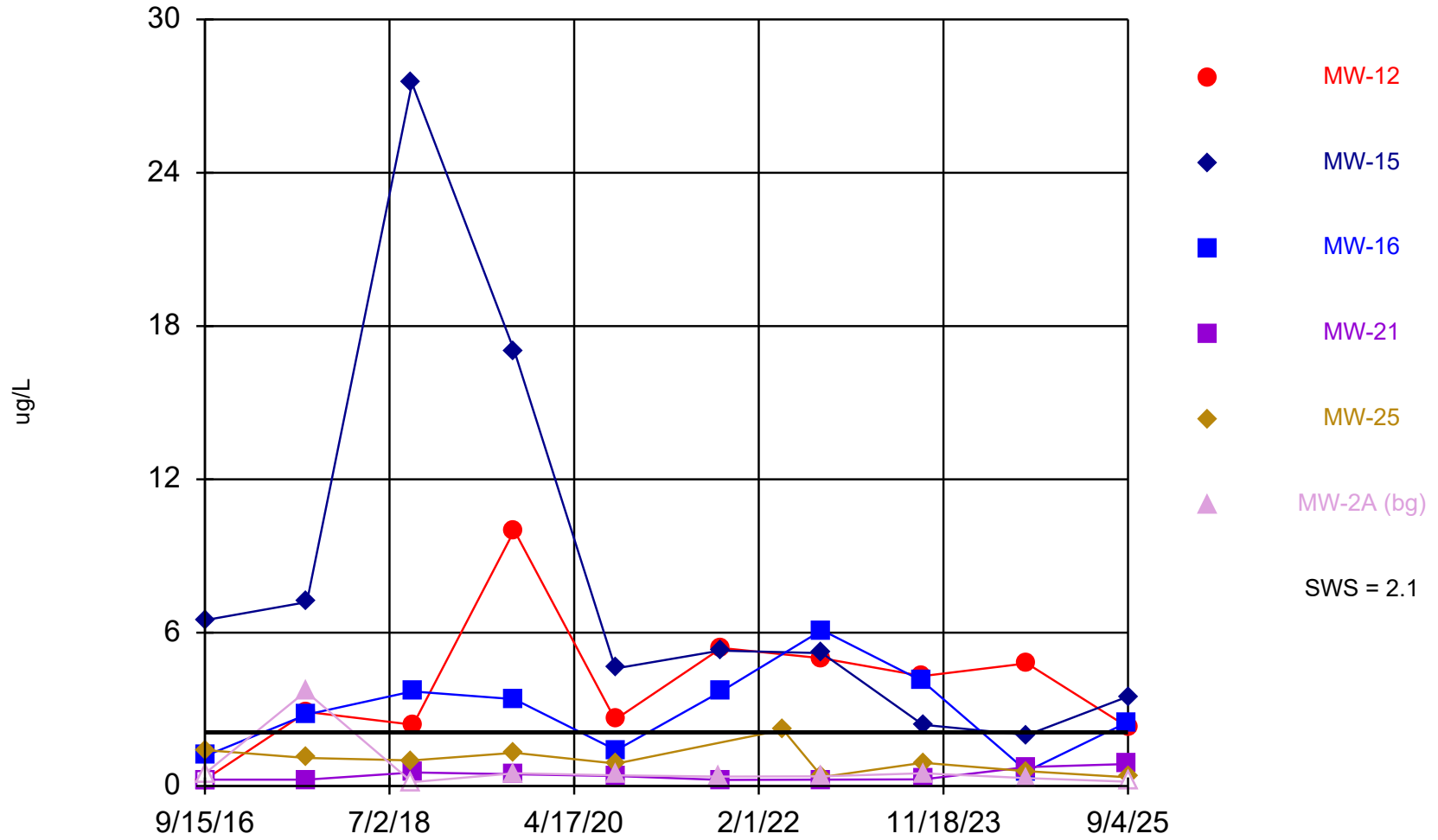
	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
2/1/1994	6	26	179				
4/1/1994	12	38	160				
7/1/1994	13	37	120				
10/1/1994	11	29	40				
4/1/1995	16	42	10				
10/1/1995	11	30	170				
4/1/1996	15	36	110				
10/1/1996	24	43	113				
4/1/1997	7.7	50	50				
10/1/1997	32	47	99				
4/1/1998	19.6	51.1	44.9			9.9	
10/1/1998	14	47	84			8.8	
9/1/1999	12	42	110			8.9	
9/1/2000	15.2	51.1	111			9.4	
9/1/2001	13.6	51.1	133			9.6	
9/1/2002	8	55.9	90.7			8.1	
9/1/2003	7.6	58.6	95.7			8.5	
9/1/2004	<5	49.2	98.1			8.1	
6/1/2005				5.9			
9/1/2005	5.7	52.7	135	<6		8.4	
9/1/2006	7.28	53.8	106	<5		7.98	
9/1/2007	<5	58.4	90.9	5.47		8.09	
9/1/2008	<5	52	46.3	<5		6.54	
9/1/2009	<5	47.6	56	<5		6.97	
8/1/2010	1.5	36.6	47.4	3.36		7.3	
9/1/2011	<5	35.4	47.5	4.5		7.36	
9/1/2012	<5	36.6	53.1	5.11		6.98	
9/1/2013	2.5	38.5	37.7	5.6		7	
9/1/2014	3.4	36.9	40	7.6		6.6	
4/1/2015					18.4		
9/1/2015	2.2	34.3	28.7	8.4	9.6	6.6	
9/15/2016	5.6						30.8
9/16/2016						6.5	
9/20/2016		33.2					
9/21/2016					5.8		
9/22/2016			33.2	8.5			
9/8/2017					4.7	5.4	38.2
9/11/2017				7.9			
9/12/2017	3.8	28	24.5				
9/20/2018		28.7			4.6	6.5	
9/21/2018			20.1				18.8
9/24/2018	2.7			9.5			
9/18/2019	3.8 (J)		15		4.7 (J)		
9/19/2019		25		11		7.4	38
9/10/2020	6.5						
9/11/2020		24					32
9/14/2020			13		4.7 (J)	7.3	
9/15/2020				11			
9/15/2021						7.3	20
9/17/2021		23					
9/20/2021				11			
9/21/2021			14				

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/22/2021	6.6						
4/29/2022					6.6		
9/13/2022	6.8						19
9/14/2022		24	12	11		8	
9/15/2022					5		
9/6/2023	6.8		13				13
9/7/2023		27		13	4.2 (J)	8.6	
9/10/2024	6.9		10	19			19
9/11/2024		29			5.7	9.2	
9/3/2025			8	19			
9/4/2025	4.2 (J)	25			5.5	10	37

Cobalt



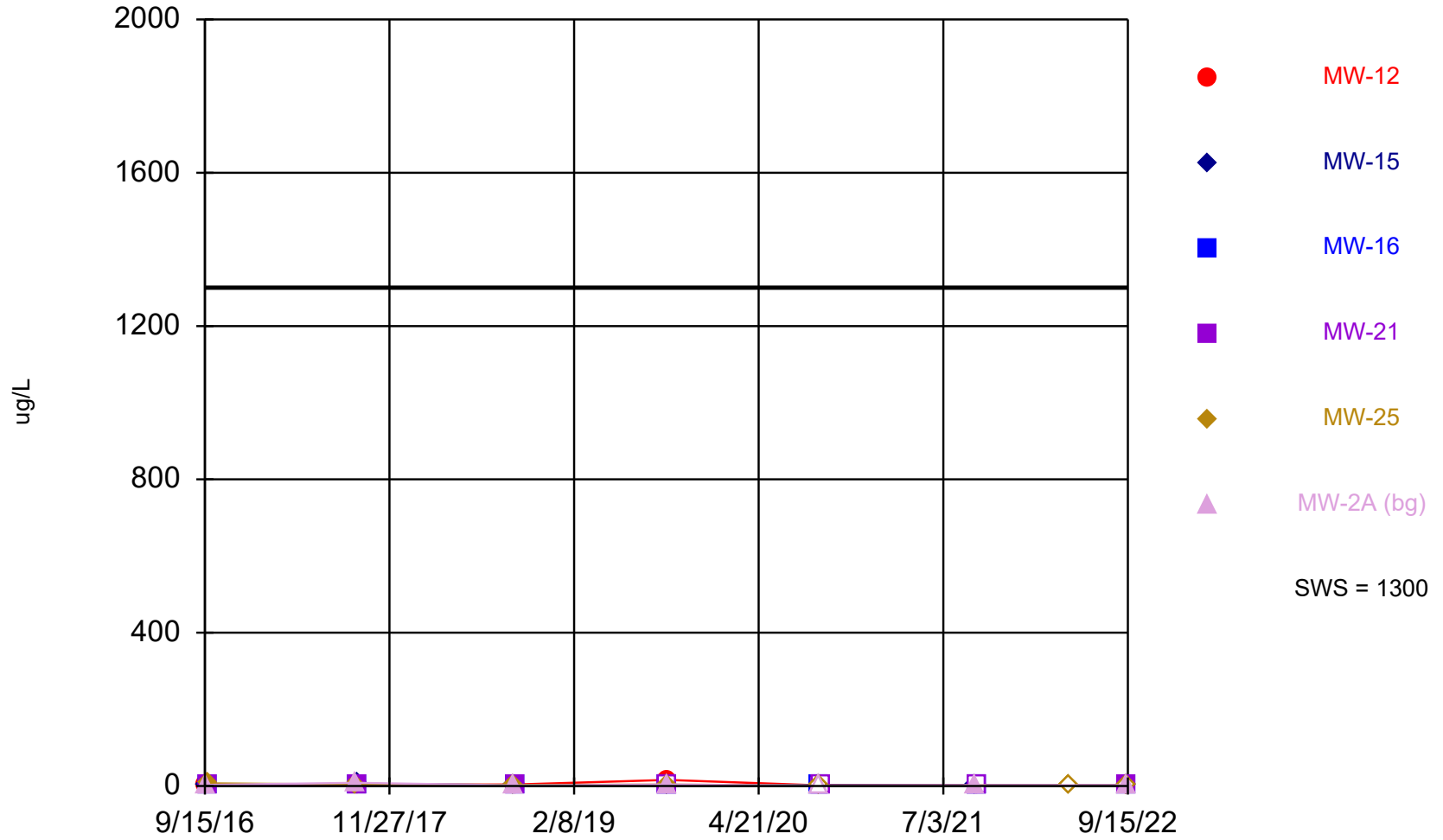
Time Series Analysis Run 3/4/2026 3:58 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Cobalt (ug/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.5					
9/16/2016						<0.5
9/20/2016		6.5				
9/21/2016					1.4	
9/22/2016			1.2	<0.5		
9/8/2017					1.1	3.7
9/11/2017				0.25 (J)		
9/12/2017	2.9	7.2	2.8			
9/20/2018		27.5			1	<0.15
9/21/2018			3.7			
9/24/2018	2.4			0.53 (J)		
9/18/2019	10		3.4		1.3	
9/19/2019		17		0.46 (J)		0.5
9/10/2020	2.6					
9/11/2020		4.6				
9/14/2020			1.4		0.88	0.42 (J)
9/15/2020				0.39 (J)		
9/15/2021						0.37 (J)
9/17/2021		5.3				
9/20/2021				0.24 (J)		
9/21/2021			3.7			
9/22/2021	5.4					
4/29/2022					2.2	
9/13/2022	5					
9/14/2022		5.2	6.1	0.25 (J)		0.38 (J)
9/15/2022					0.35 (J)	
9/6/2023	4.3		4.1			
9/7/2023		2.4		0.26 (J)	0.91	0.5
9/10/2024	4.8		0.58	0.74		
9/11/2024		2			0.58	0.31 (J)
9/3/2025			2.5	0.86		
9/4/2025	2.3	3.5			0.34 (J)	<0.17 (U)

Copper



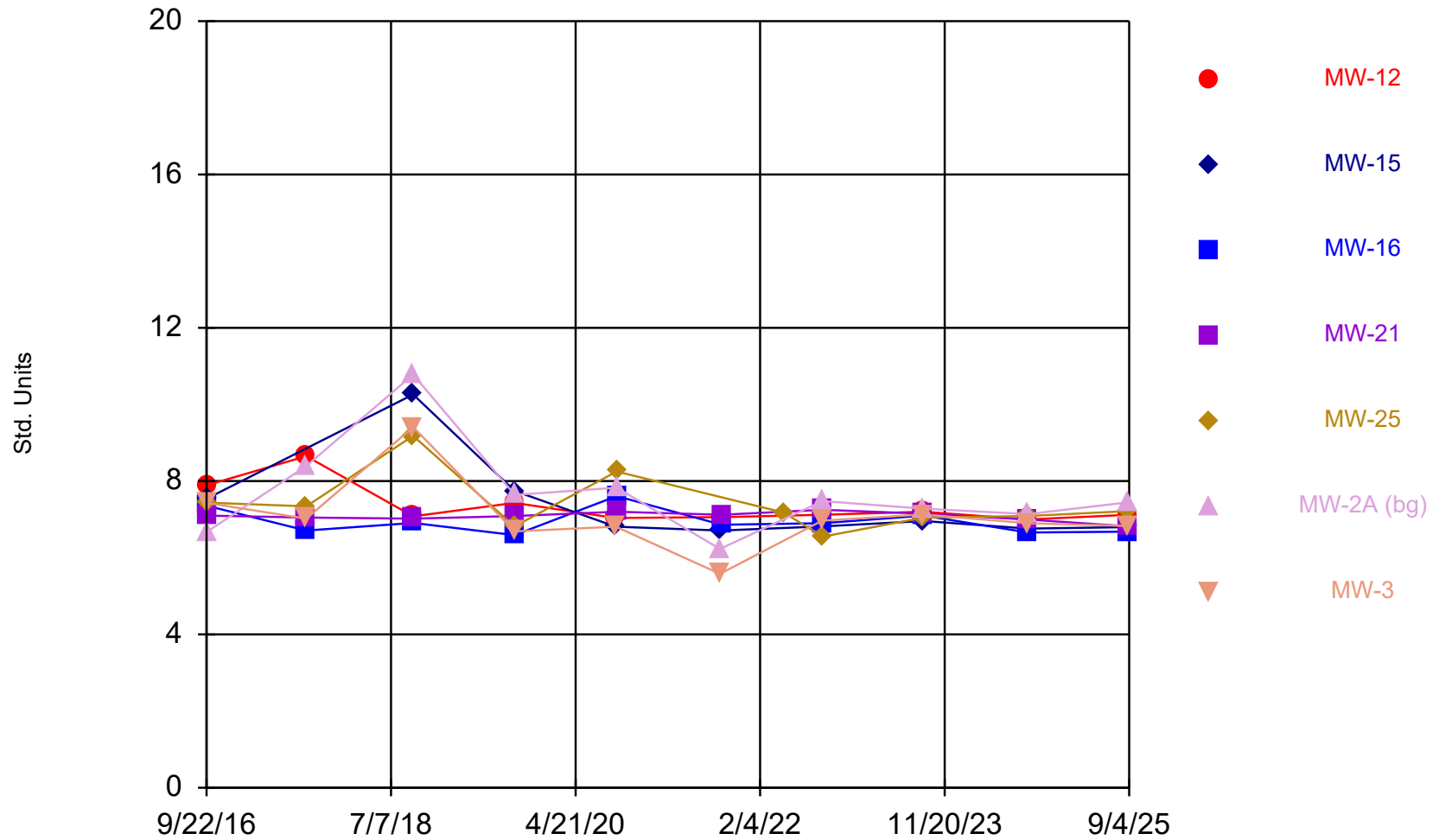
Time Series Analysis Run 3/4/2026 3:59 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Copper (ug/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	1.3					
9/16/2016						2.8
9/20/2016		1.7				
9/21/2016					6.8	
9/22/2016			2	1.3		
9/8/2017					4.1	8.3
9/11/2017				1.9		
9/12/2017	2.8	5.9	2.9			
9/20/2018		2.3			3.1	1.6
9/21/2018			1.2			
9/24/2018	4.1			2.7		
9/18/2019	16		<2		3.6 (J)	
9/19/2019		<2		<2		4 (J)
9/10/2020	1.8 (J)					
9/11/2020		1.9 (J)				
9/14/2020			<1.5		<1.5	<1.5
9/15/2020				<1.5		
9/15/2021						1.9 (J)
9/17/2021		2.3 (J)				
9/20/2021				<1.4		
9/21/2021			<1.4			
9/22/2021	1.8 (J)					
4/29/2022					<1.8	
9/13/2022	<1.8					
9/14/2022		2.3 (J)	1.9 (J)	1.8 (J)		2.4 (J)
9/15/2022					<1.8	

Field pH



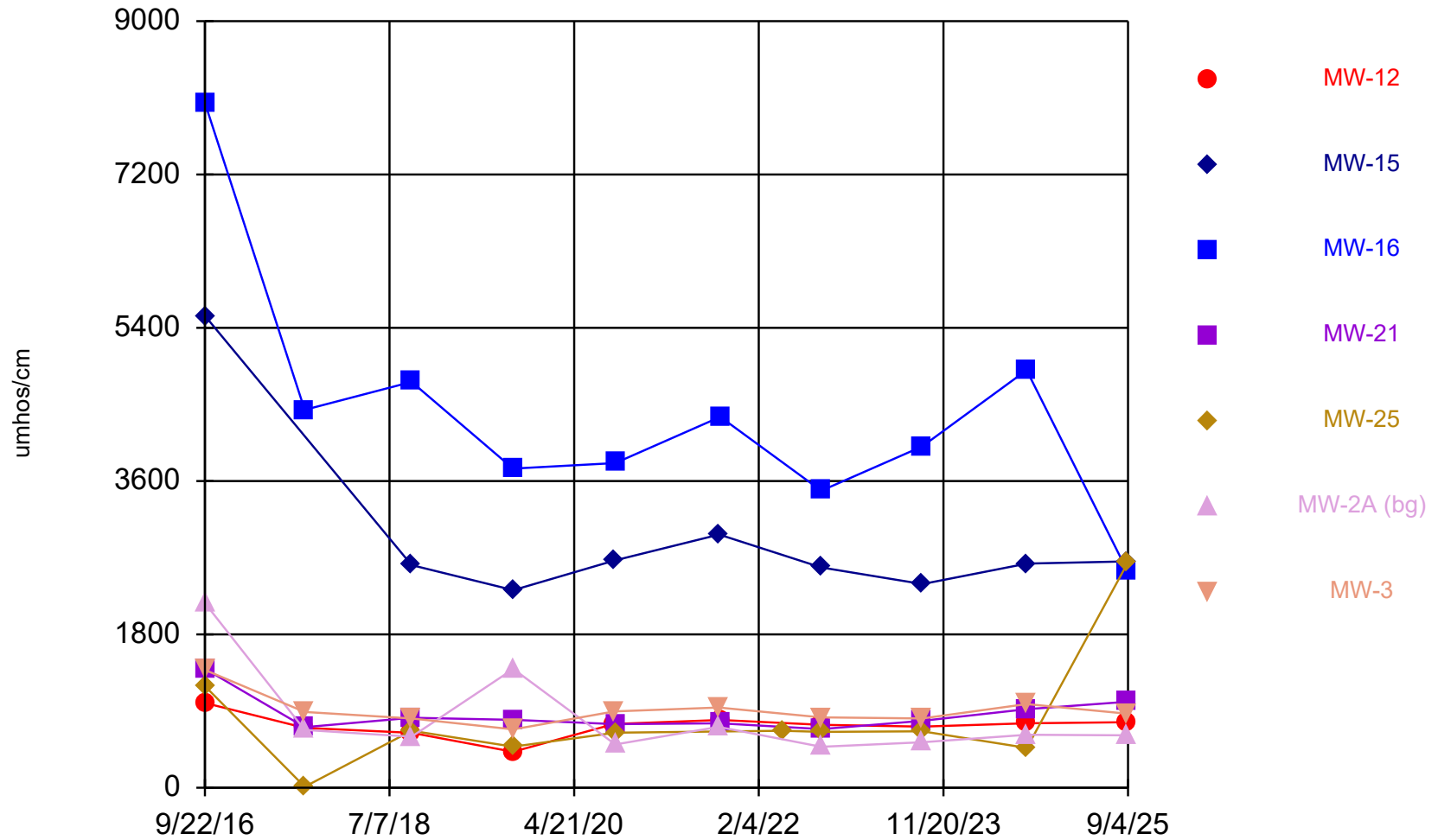
Time Series Analysis Run 3/4/2026 3:59 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Field pH (Std. Units) Analysis Run 3/4/2026 4:01 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/22/2016	7.89	7.54	7.36	7.1	7.44	6.67	7.43
9/10/2017	8.65		6.71	7.05	7.34	8.39	7.02
9/24/2018	7.08	10.26	6.91	7.02	9.18	10.78	9.41
9/18/2019	7.43		6.59		6.82		
9/19/2019		7.74		7.09		7.64	6.69
9/10/2020	7.04						
9/11/2020		6.81					6.81
9/14/2020			7.61		8.25	7.83	
9/15/2020				7.2			
9/15/2021						6.23	5.58
9/17/2021		6.71					
9/20/2021				7.12			
9/21/2021			6.86				
9/22/2021	7.06						
4/29/2022					7.18		
9/13/2022	7.12						6.97
9/14/2022		6.82	6.9	7.25		7.48	
9/15/2022					6.55		
9/6/2023	7.2		7.1				7.13
9/7/2023		6.96		7.15	7.05	7.28	
9/10/2024	7		6.66	7			6.9
9/11/2024		6.76			7.09	7.14	
9/3/2025			6.68	6.82			
9/4/2025	7.12	6.8			7.22	7.45	6.83

Field Specific Conductance



Time Series Analysis Run 3/4/2026 3:59 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

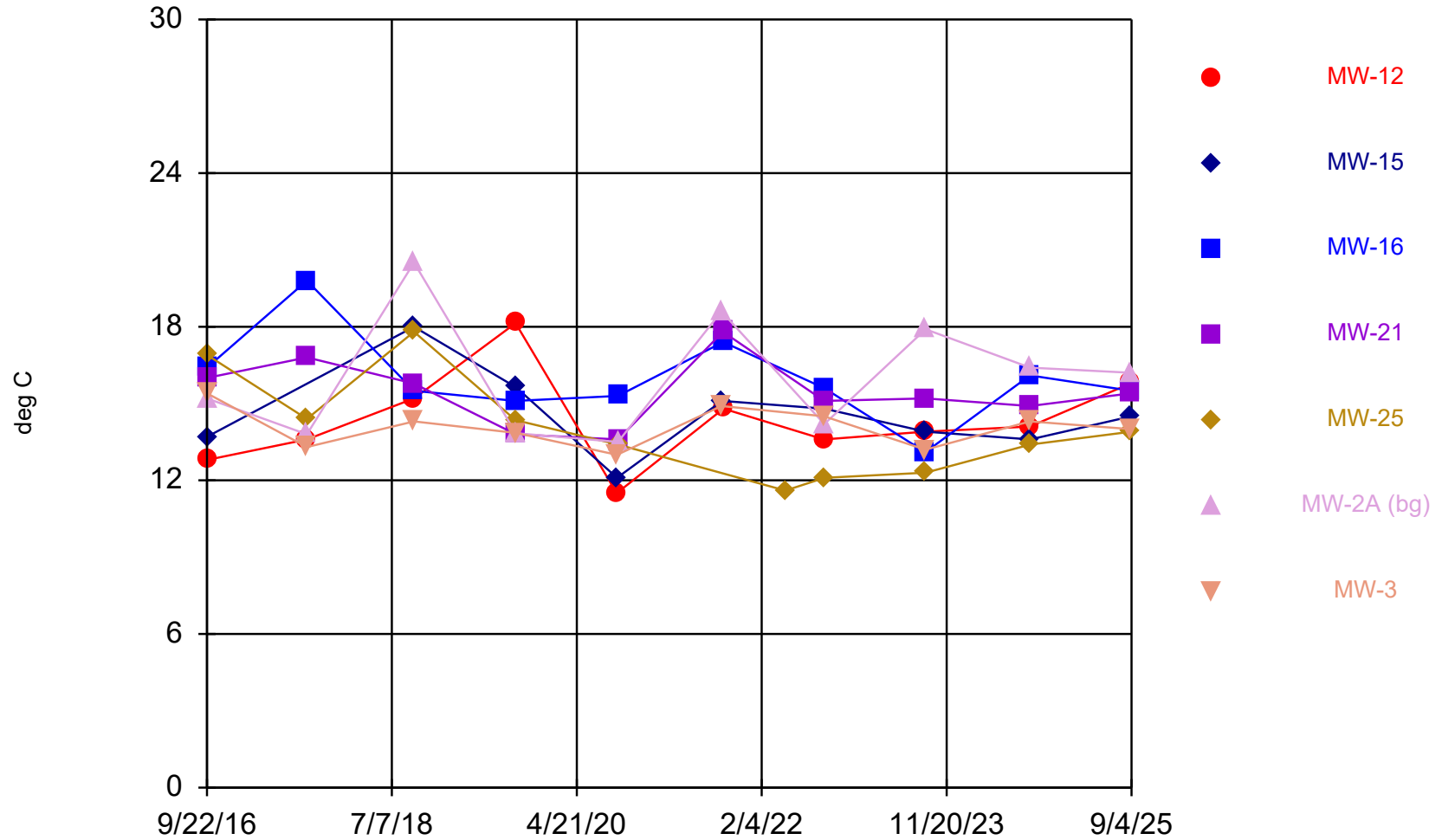
Time Series

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 3/4/2026 4:01 PM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/22/2016	996	5540	8041	1397	1194	2167	1383
9/10/2017	703		4437	711	12	678	889
9/24/2018	644	2613	4765	821	669	599	813
9/18/2019	423		3747		482		
9/19/2019		2320		797		1395	686
9/10/2020	749						
9/11/2020		2668					897
9/14/2020			3812		647	507.7	
9/15/2020				747			
9/15/2021						715	942
9/17/2021		2972					
9/20/2021				756			
9/21/2021			4354				
9/22/2021	796						
4/29/2022					669.5		
9/13/2022	739						827
9/14/2022		2586	3487	688		480.5	
9/15/2022					656.5		
9/6/2023	717		4006				814
9/7/2023		2391		786	662	535	
9/10/2024	757		4903	922			983
9/11/2024		2632			467.4	622	
9/3/2025			2535	1010			
9/4/2025	770	2657			2647	616	868

Field Temperature



Time Series Analysis Run 3/4/2026 3:59 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

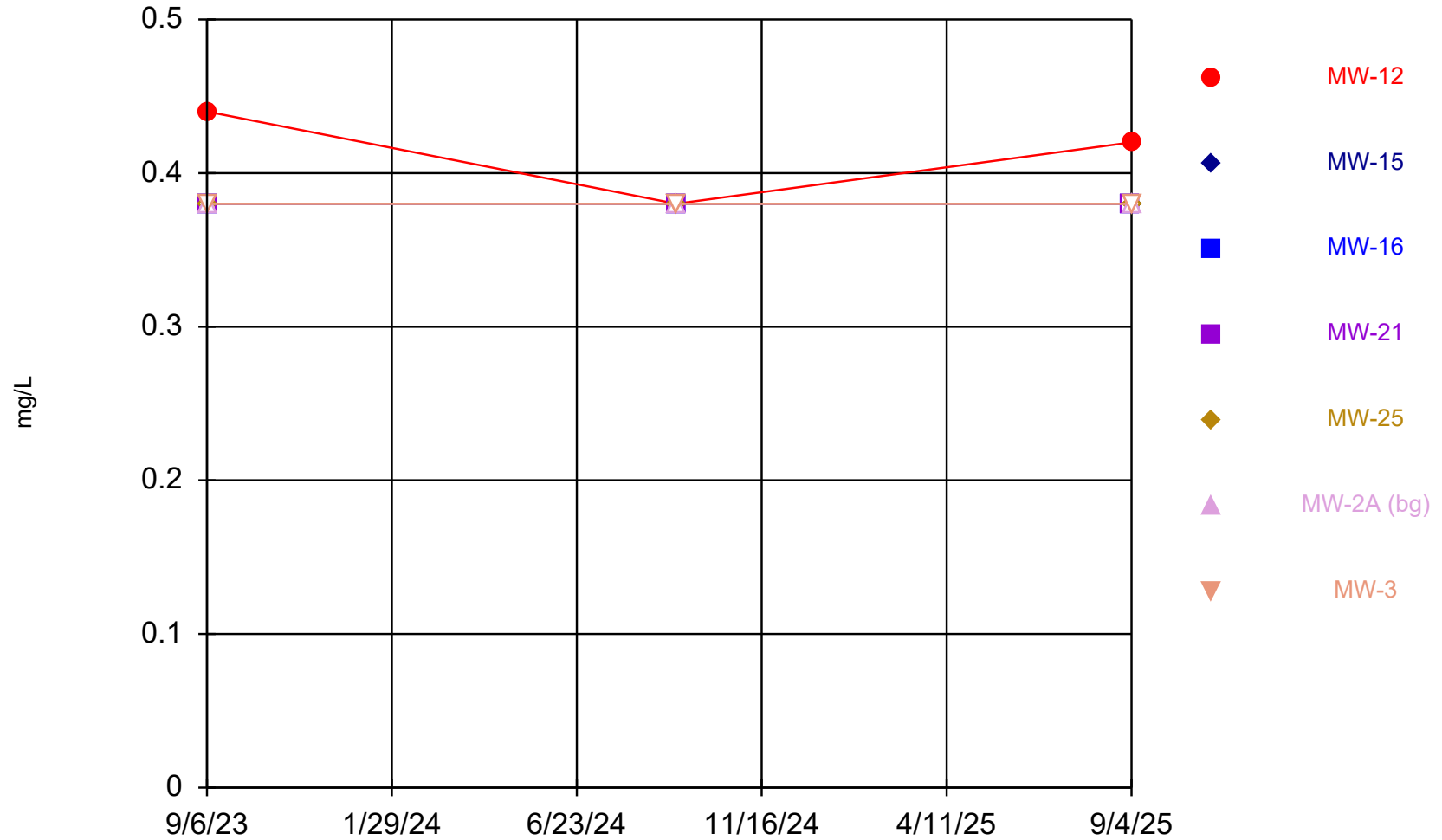
Time Series

Constituent: Field Temperature (deg C) Analysis Run 3/4/2026 4:01 PM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/22/2016	12.8	13.7	16.4	16	16.9	15.2	15.4
9/10/2017	13.6		19.8	16.8	14.4	13.8	13.3
9/24/2018	15.2	18	15.5	15.78	17.8	20.5	14.3
9/18/2019	18.14		15.1		14.35		
9/19/2019		15.64		13.8		13.84	13.85
9/10/2020	11.5						
9/11/2020		12.1					13
9/14/2020			15.3		13.4	13.5	
9/15/2020				13.6			
9/15/2021						18.6	14.9
9/17/2021		15.1					
9/20/2021				17.8			
9/21/2021			17.4				
9/22/2021	14.8						
4/29/2022					11.6		
9/13/2022	13.6						14.5
9/14/2022		14.8	15.6	15.1		14.2	
9/15/2022					12.1		
9/6/2023	13.9		13.1				13.2
9/7/2023		13.9		15.2	12.3	17.9	
9/10/2024	14.1		16.1	14.9			14.3
9/11/2024		13.6			13.4	16.4	
9/3/2025			15.5	15.4			
9/4/2025	15.8	14.5			13.9	16.2	14

Fluoride



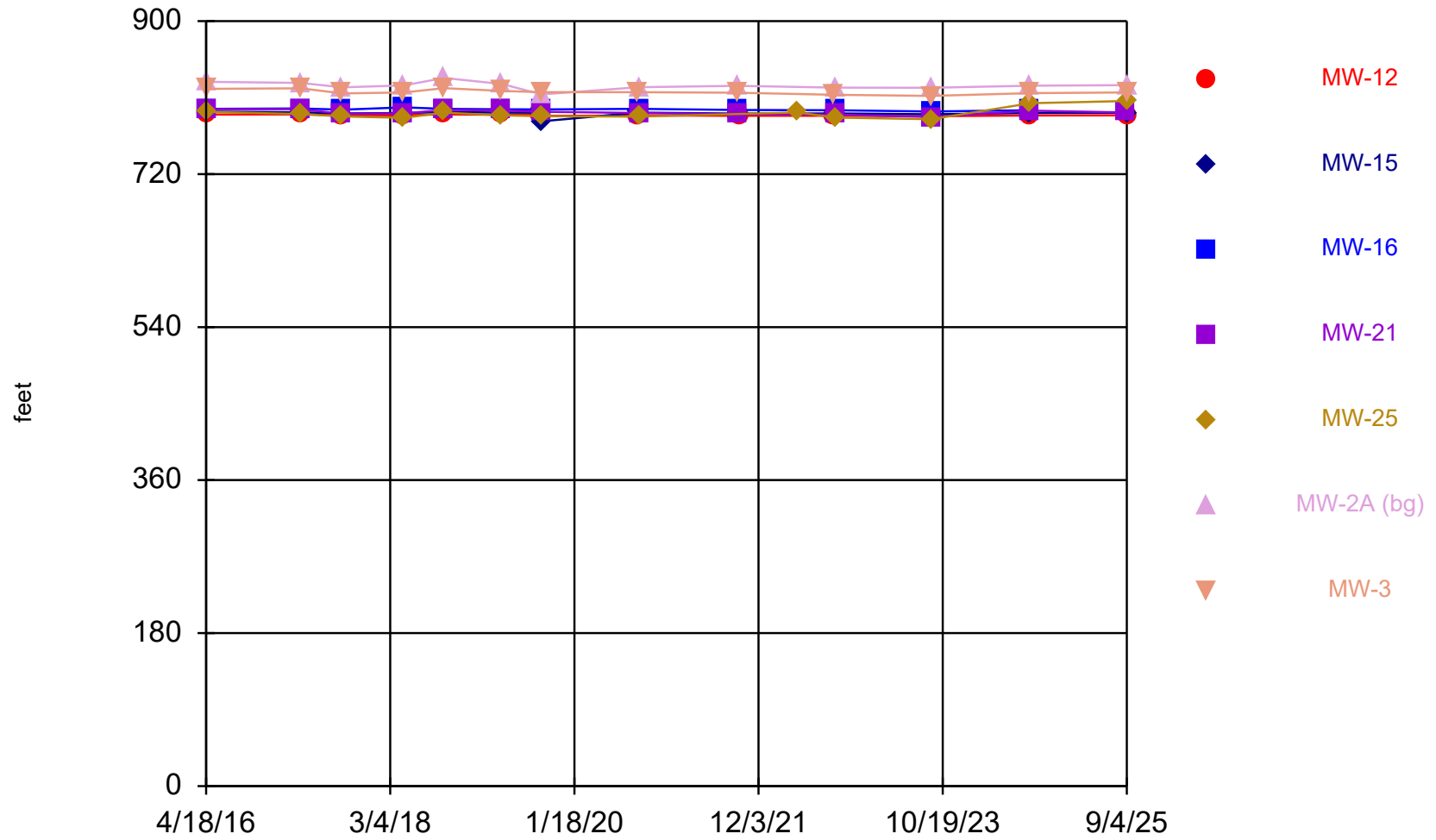
Time Series Analysis Run 3/4/2026 3:59 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Fluoride (mg/L) Analysis Run 3/4/2026 4:01 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/6/2023	0.44 (J)		<0.38 (U)				<0.38 (U)
9/7/2023		<0.38 (U)		<0.38 (U)	<0.38 (U)	<0.38 (U)	
9/10/2024	<0.38		<0.38	<0.38			<0.38
9/11/2024		<0.38			<0.38	<0.38	
9/3/2025			<0.38 (U)	<0.38 (U)			
9/4/2025	0.42 (J)	<0.38 (U)			<0.38 (U)	<0.38 (U)	<0.38 (U)

Groundwater Elevation



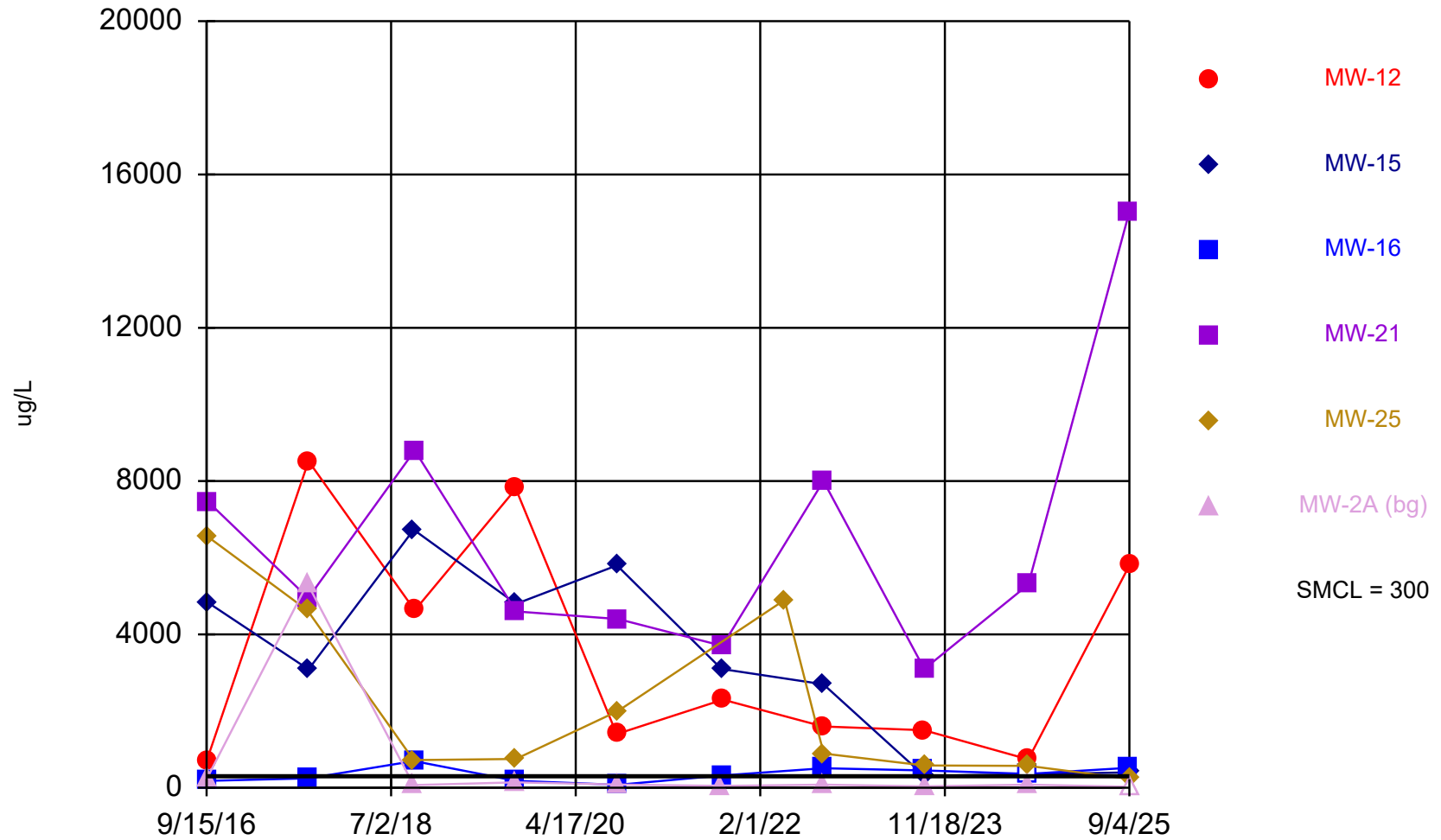
Time Series Analysis Run 3/4/2026 3:59 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Groundwater Elevation (feet) Analysis Run 3/4/2026 4:02 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
4/18/2016	790.01	793.46	796.79	796.2	793.15	828.46	820.32
4/5/2017	790.29	792.69	797.18	796.4	790.68	827.23	820.89
9/7/2017	789.06	791.37	795.79	790.83	787.8	822.09	814.85
4/24/2018	789.24	791.82	798.54	791.44	786.18	824.33	816.06
9/21/2018	790.25	793.04	796.65	795.47	792.32	833.08	821.03
4/24/2019	789.77	792.3	796.22	794.98	789.04	825.91	817.81
9/15/2019	790.35	792.28					
9/18/2019	788.41		796.02		788.15		
9/19/2019		782.08		793.35		813.7	816.36
9/10/2020	788.96						
9/11/2020		792.36					816.31
9/14/2020			796.78		787.62	822.19	
9/15/2020				791.79			
9/15/2021						823.76	815.66
9/17/2021		791.28					
9/20/2021				790.38			
9/21/2021			795.47				
9/22/2021	788.6						
4/29/2022					792.45		
9/13/2022	788.62						813.22
9/14/2022		791.38	795.1	790.04		821.71	
9/15/2022					786.49		
9/6/2023	788.04		793.68				811.93
9/7/2023		790.39		787.07	784.62	821.63	
9/10/2024	788.93		795.16	794.54			815.26
9/11/2024		791.89			803.4	823.99	
9/3/2025				792.48			
9/4/2025	789.13	791.99			805.91	824.69	816

Iron



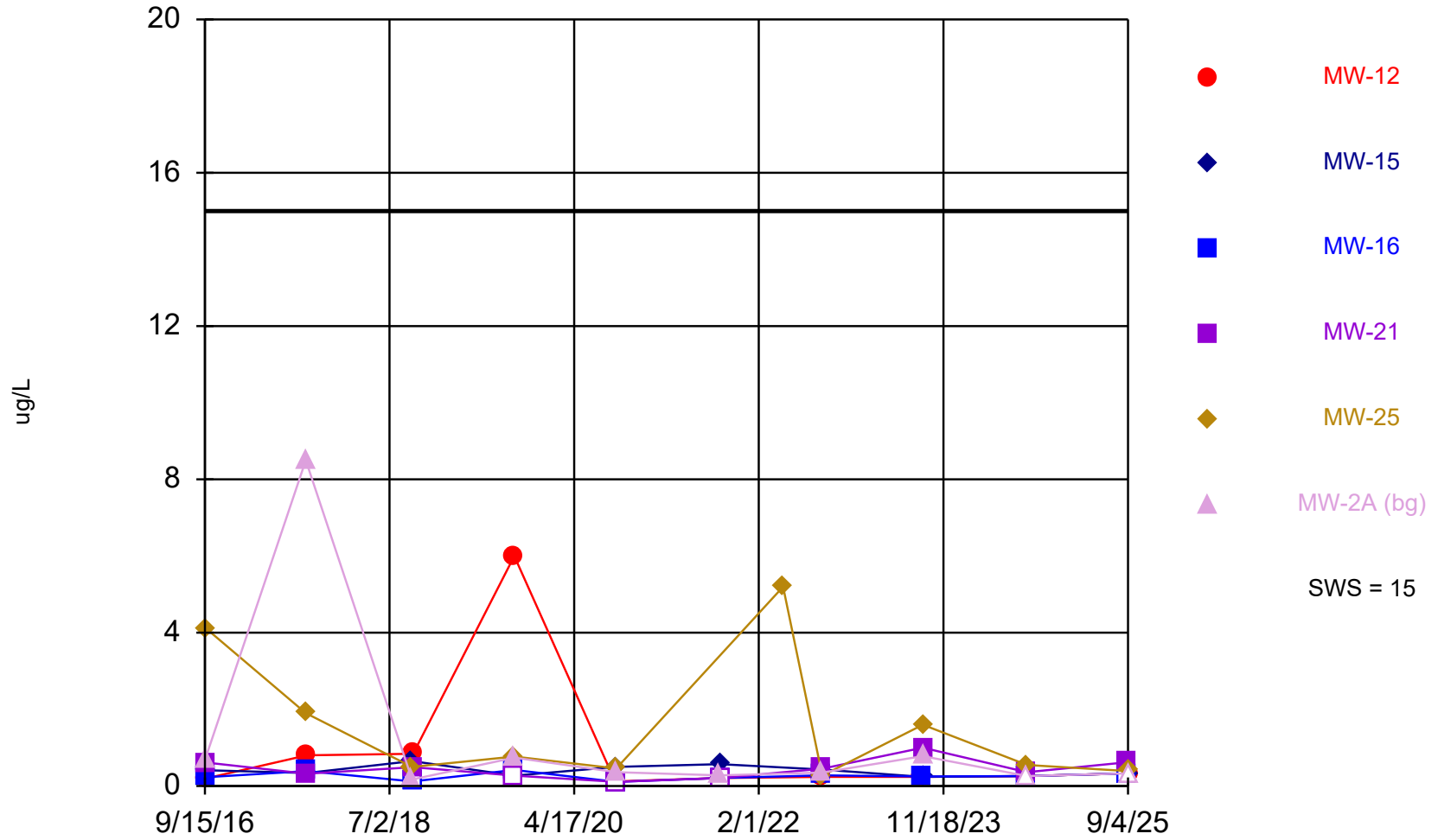
Time Series Analysis Run 3/4/2026 3:59 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Iron (ug/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	695					
9/16/2016						240
9/20/2016		4830				
9/21/2016					6540	
9/22/2016			180	7450		
9/8/2017					4630	5330
9/11/2017				4950		
9/12/2017	8520	3090	247			
9/20/2018		6730			722	69.4
9/21/2018			696			
9/24/2018	4630			8800		
9/18/2019	7800		180		750	
9/19/2019		4800		4600		140
9/10/2020	1400					
9/11/2020		5800				
9/14/2020			78 (J)		2000	84 (J)
9/15/2020				4400		
9/15/2021						47 (J)
9/17/2021		3100				
9/20/2021				3700		
9/21/2021			320			
9/22/2021	2300					
4/29/2022					4900	
9/13/2022	1600					
9/14/2022		2700	510	8000		80 (J)
9/15/2022					890	
9/6/2023	1500		450			
9/7/2023		310		3100	580	36 (J)
9/10/2024	740		<720	5300		
9/11/2024		350 (J)			570	81 (J)
9/3/2025			520	15000		
9/4/2025	5800	400			230	<50 (U)

Lead



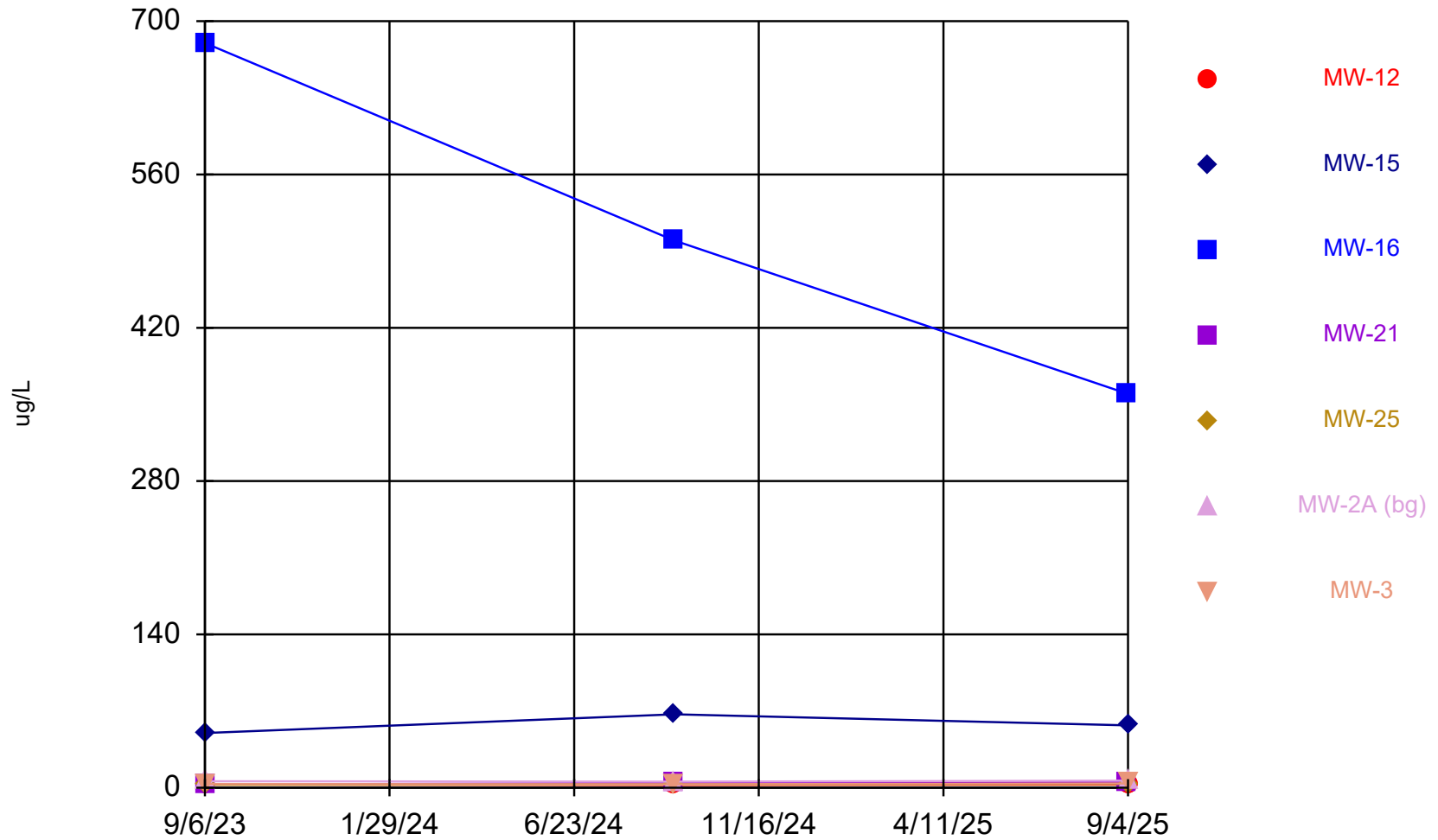
Time Series Analysis Run 3/4/2026 3:59 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Lead (ug/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.19					
9/16/2016						0.7 (J)
9/20/2016		0.41 (J)				
9/21/2016					4.1	
9/22/2016			0.23 (J)	0.61 (J)		
9/8/2017					1.9	8.5
9/11/2017				0.32 (J)		
9/12/2017	0.8 (J)	0.34 (J)	0.39 (J)			
9/20/2018		0.65 (J)			0.5 (J)	0.17 (J)
9/21/2018			<0.12			
9/24/2018	0.84 (J)			0.49 (J)		
9/18/2019	6		0.42 (J)		0.77	
9/19/2019		<0.27		<0.27		0.74
9/10/2020	0.12 (J)					
9/11/2020		0.5				
9/14/2020			<0.11		0.46 (J)	0.36 (J)
9/15/2020				<0.11		
9/15/2021						0.28 (J)
9/17/2021		0.57				
9/20/2021				<0.21		
9/21/2021			<0.21			
9/22/2021	<0.21					
4/29/2022					5.2	
9/13/2022	<0.24					
9/14/2022		0.43 (J)	0.28 (J)	0.45 (J)		0.35 (J)
9/15/2022					0.27 (J)	
9/6/2023	<0.24 (U)		0.25 (J)			
9/7/2023		<0.24 (U)		1	1.6	0.78
9/10/2024	<0.26		<0.26	0.36 (J)		
9/11/2024		<0.26			0.55	<0.26
9/3/2025			<0.33 (U)	0.62		
9/4/2025	<0.33 (U)	<0.33 (U)			0.39 (J)	<0.33 (U)

Lithium



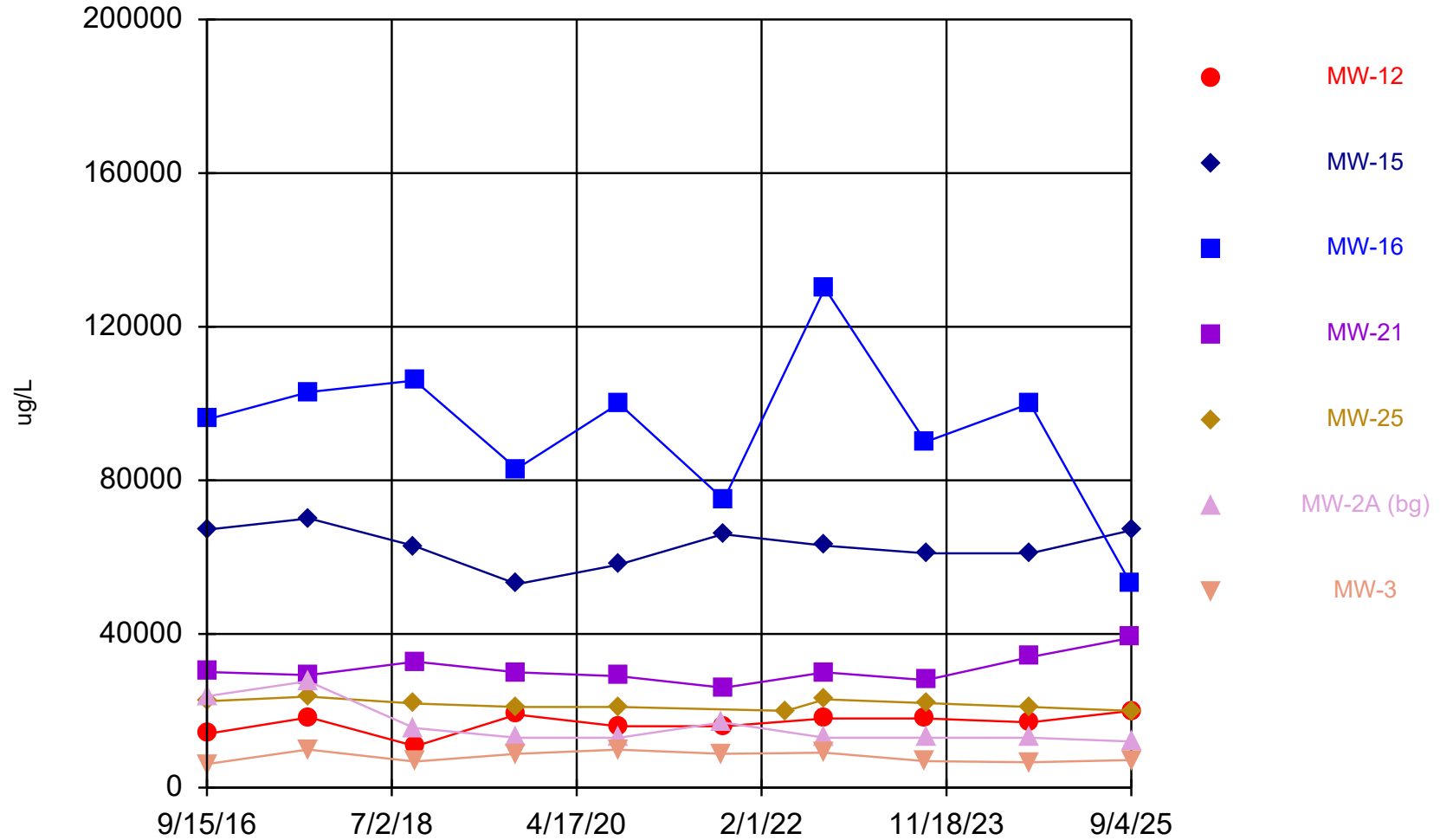
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Lithium (ug/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/6/2023	2.9 (J)		680				3.4 (J)
9/7/2023		50		2.9 (J)	2.8 (J)	6 (J)	
9/10/2024	<2.5		500	4.3 (J)			3.2 (J)
9/11/2024		67			3.1 (J)	5.6 (J)	
9/3/2025			360	5.1 (J)			
9/4/2025	<2.9 (U)	57			3.4 (J)	6.5 (J)	3.9 (J)

Magnesium



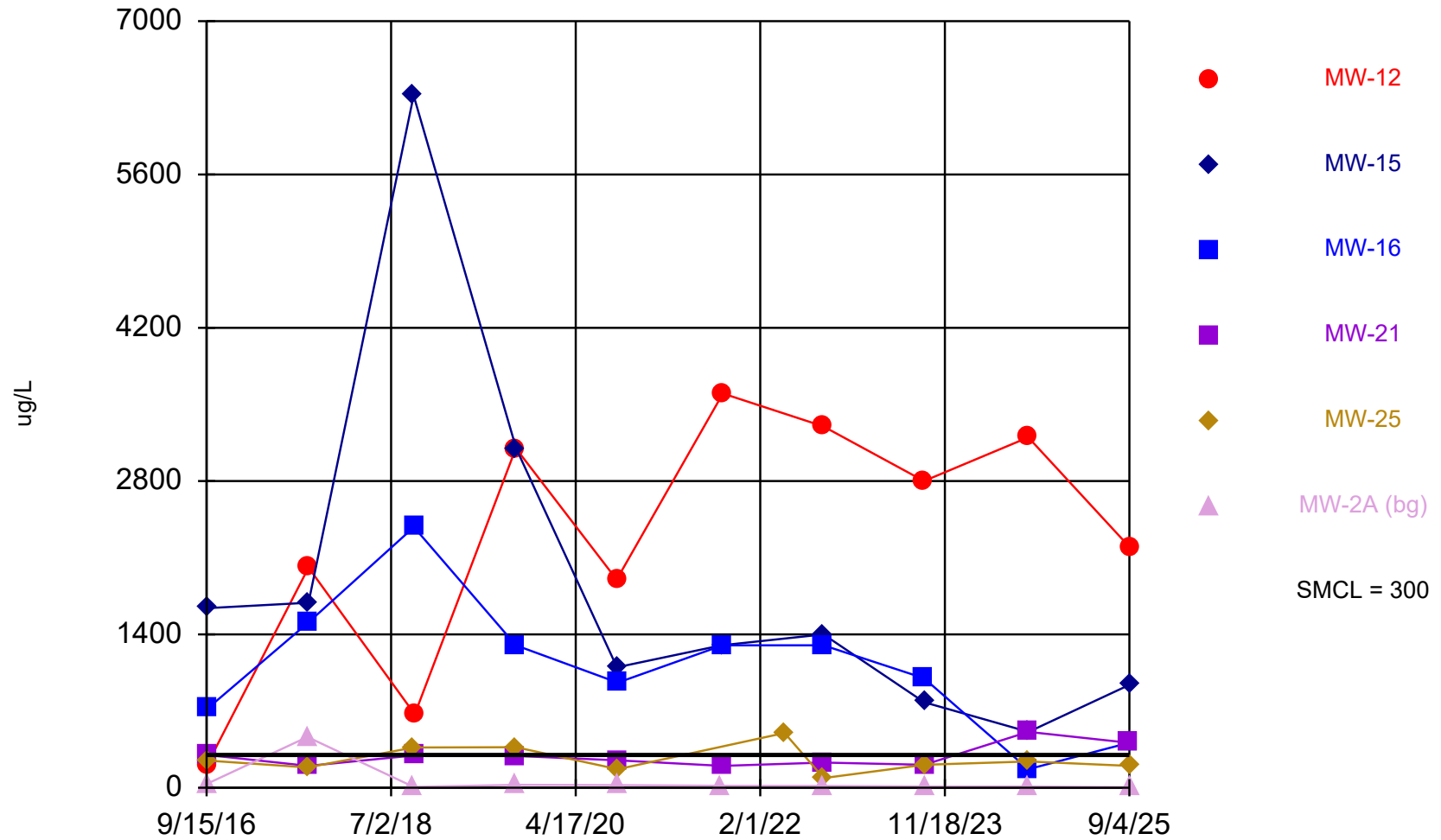
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Magnesium (ug/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Date	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/15/2016	14000						6120
9/16/2016						23800	
9/20/2016		67200					
9/21/2016					22500		
9/22/2016			96000	30100			
9/8/2017					23700	27700	9920
9/11/2017				29300			
9/12/2017	18300	70100	103000				
9/20/2018		62900			21900	15500	
9/21/2018			106000				6780
9/24/2018	10800			32800			
9/18/2019	19000		83000		21000		
9/19/2019		53000		30000		13000	8800
9/10/2020	16000						
9/11/2020		58000					9900
9/14/2020			100000		21000	13000	
9/15/2020				29000			
9/15/2021						17000	8800
9/17/2021		66000					
9/20/2021				26000			
9/21/2021			75000				
9/22/2021	16000						
4/29/2022					20000		
9/13/2022	18000						9100
9/14/2022		63000	130000	30000		13000	
9/15/2022					23000		
9/6/2023	18000		90000				6900
9/7/2023		61000		28000	22000	13000	
9/10/2024	17000		100000	34000			6600
9/11/2024		61000			21000	13000	
9/3/2025			53000	39000			
9/4/2025	20000	67000			20000	12000	7200

Manganese



Time Series Analysis Run 3/4/2026 4:00 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

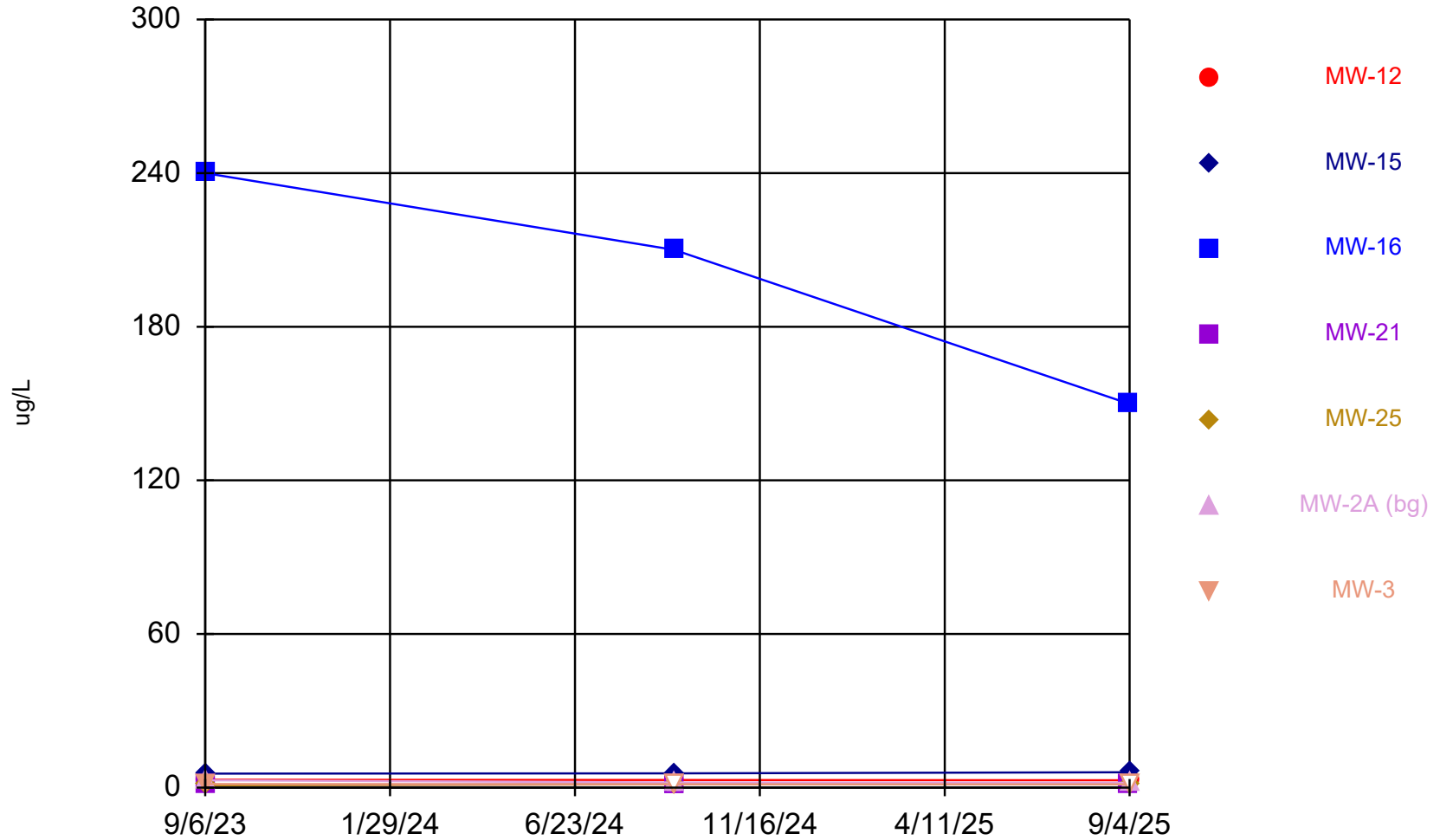
Time Series

Constituent: Manganese (ug/L) Analysis Run 3/4/2026 4:02 PM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	201					
9/16/2016						35.6
9/20/2016		1640				
9/21/2016					248	
9/22/2016			731	298		
9/8/2017					186	464
9/11/2017				200		
9/12/2017	2010	1690	1510			
9/20/2018		6320			368	8.2
9/21/2018			2380			
9/24/2018	670			296		
9/18/2019	3100		1300		370	
9/19/2019		3100		290		27
9/10/2020	1900					
9/11/2020		1100				
9/14/2020			960		170	24
9/15/2020				250		
9/15/2021						18
9/17/2021		1300				
9/20/2021				200		
9/21/2021			1300			
9/22/2021	3600					
4/29/2022					500	
9/13/2022	3300					
9/14/2022		1400	1300	230		17
9/15/2022					89	
9/6/2023	2800		1000			
9/7/2023		780		210	210	11
9/10/2024	3200		170 (J)	510		
9/11/2024		510			240	12
9/3/2025			410	410		
9/4/2025	2200	940			200	5.4 (J)

Molybdenum



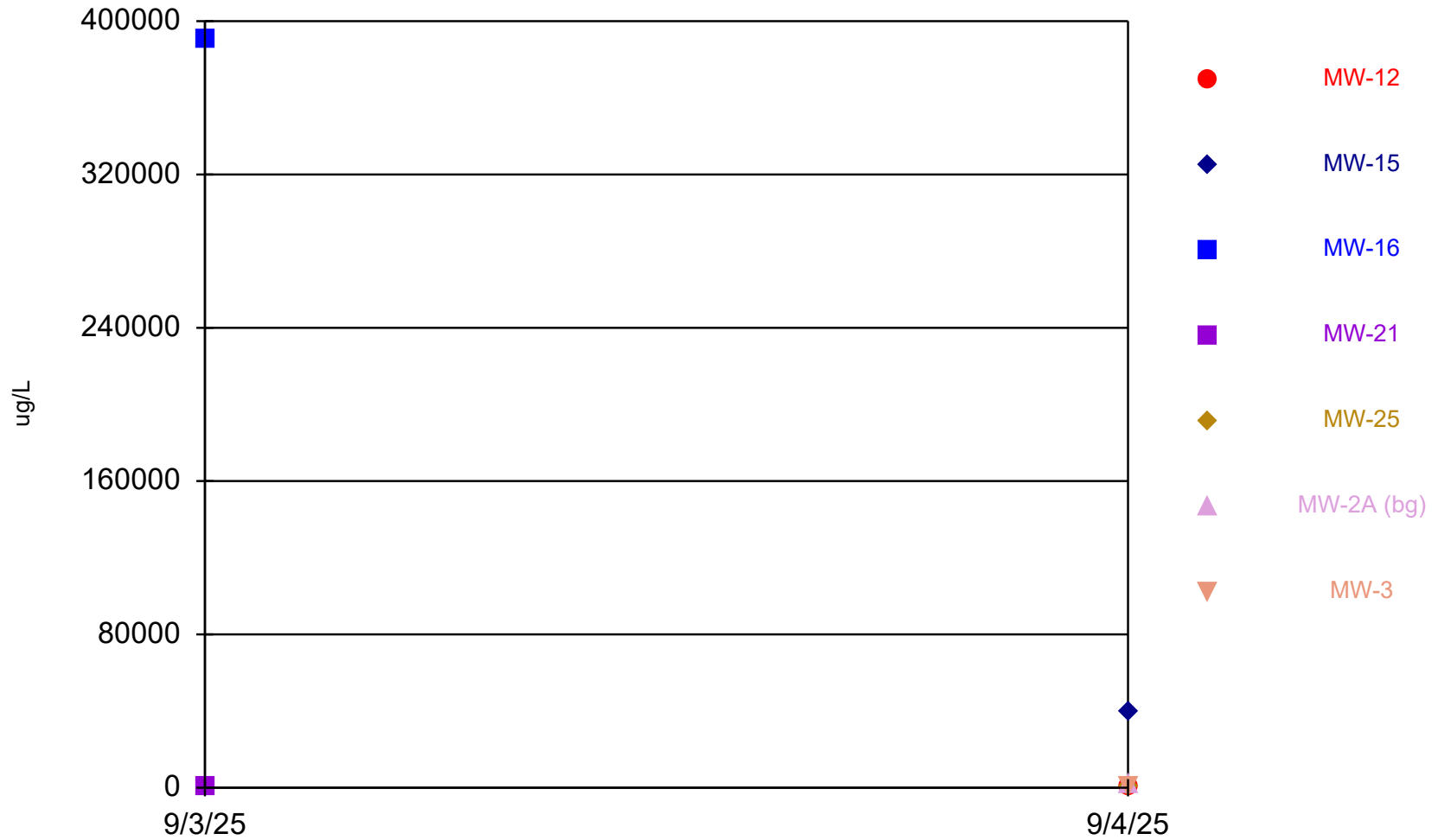
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Molybdenum (ug/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/6/2023	3.1		240				1.4 (J)
9/7/2023		5.5		1.1 (J)	<0.91 (U)	2.9	
9/10/2024	3		210	<1.3			<1.3
9/11/2024		5.6 (J)			<1.3	2	
9/3/2025			150	1.4 (J)			
9/4/2025	2.9	6			1.4 (J)	1.9 (J)	<1.3 (U)

Potassium



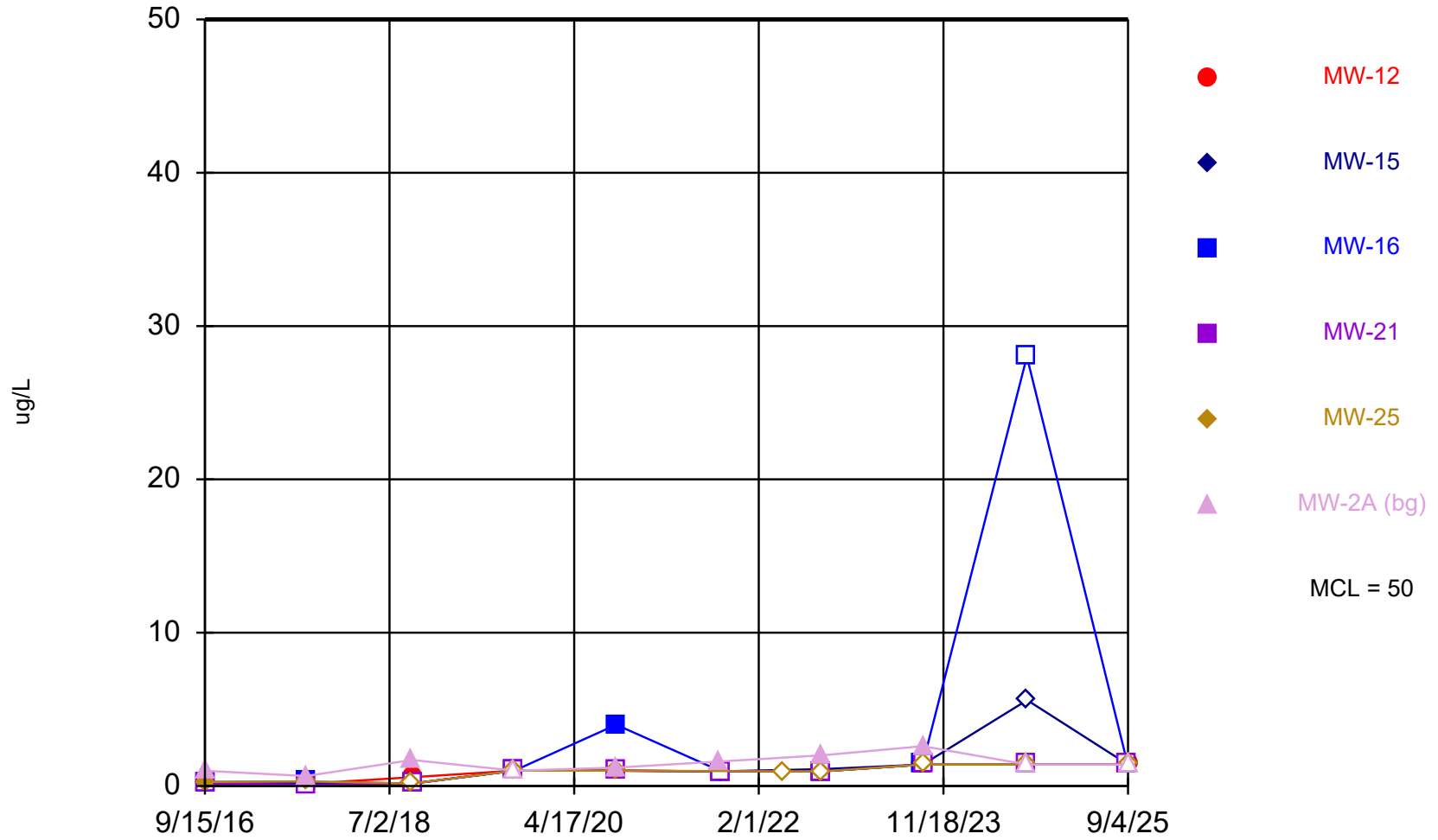
Time Series Analysis Run 3/4/2026 4:00 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Potassium (ug/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/3/2025			390000	870			
9/4/2025	1100	39000			890	1200	610

Selenium



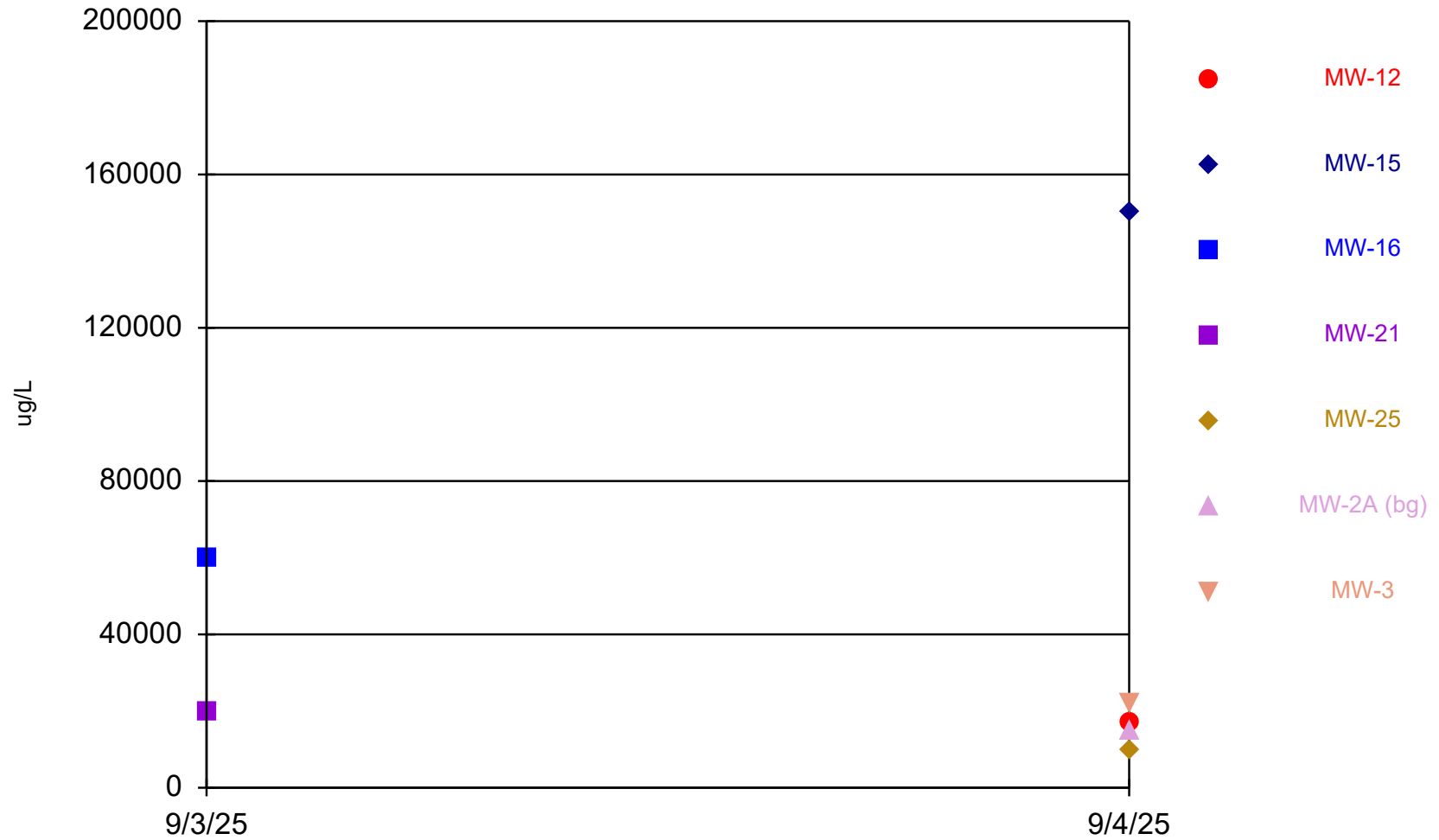
Time Series Analysis Run 3/4/2026 4:00 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Selenium (ug/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	<0.18					
9/16/2016						0.99 (J)
9/20/2016		<0.18				
9/21/2016					0.26 (J)	
9/22/2016			0.26 (J)	<0.18		
9/8/2017					0.3 (J)	0.65 (J)
9/11/2017				<0.086		
9/12/2017	0.15 (J)	0.17 (J)	0.28 (J)			
9/20/2018		<0.16			<0.16	1.7
9/21/2018			0.16 (J)			
9/24/2018	0.58 (J)			<0.16		
9/18/2019	<1		<1		<1	
9/19/2019		<1		<1		<1
9/10/2020	<1					
9/11/2020		<1				
9/14/2020			4 (J)		<1	1.2 (J)
9/15/2020				<1		
9/15/2021						1.6 (J)
9/17/2021		<0.96				
9/20/2021				<0.96		
9/21/2021			<0.96			
9/22/2021	<0.96					
4/29/2022					<0.96	
9/13/2022	<0.96					
9/14/2022		1.1 (J)	<0.96	<0.96		2 (J)
9/15/2022					<0.96	
9/6/2023	<1.4 (U)		<1.4 (U)			
9/7/2023		<1.4 (U)		<1.4 (U)	<1.4 (U)	2.6 (J)
9/10/2024	<1.4		<28	<1.4		
9/11/2024		<5.6			<1.4	<1.4
9/3/2025			<1.4 (U)	<1.4 (U)		
9/4/2025	<1.4 (U)	<1.4 (U)			<1.4 (U)	<1.4 (U)

Sodium



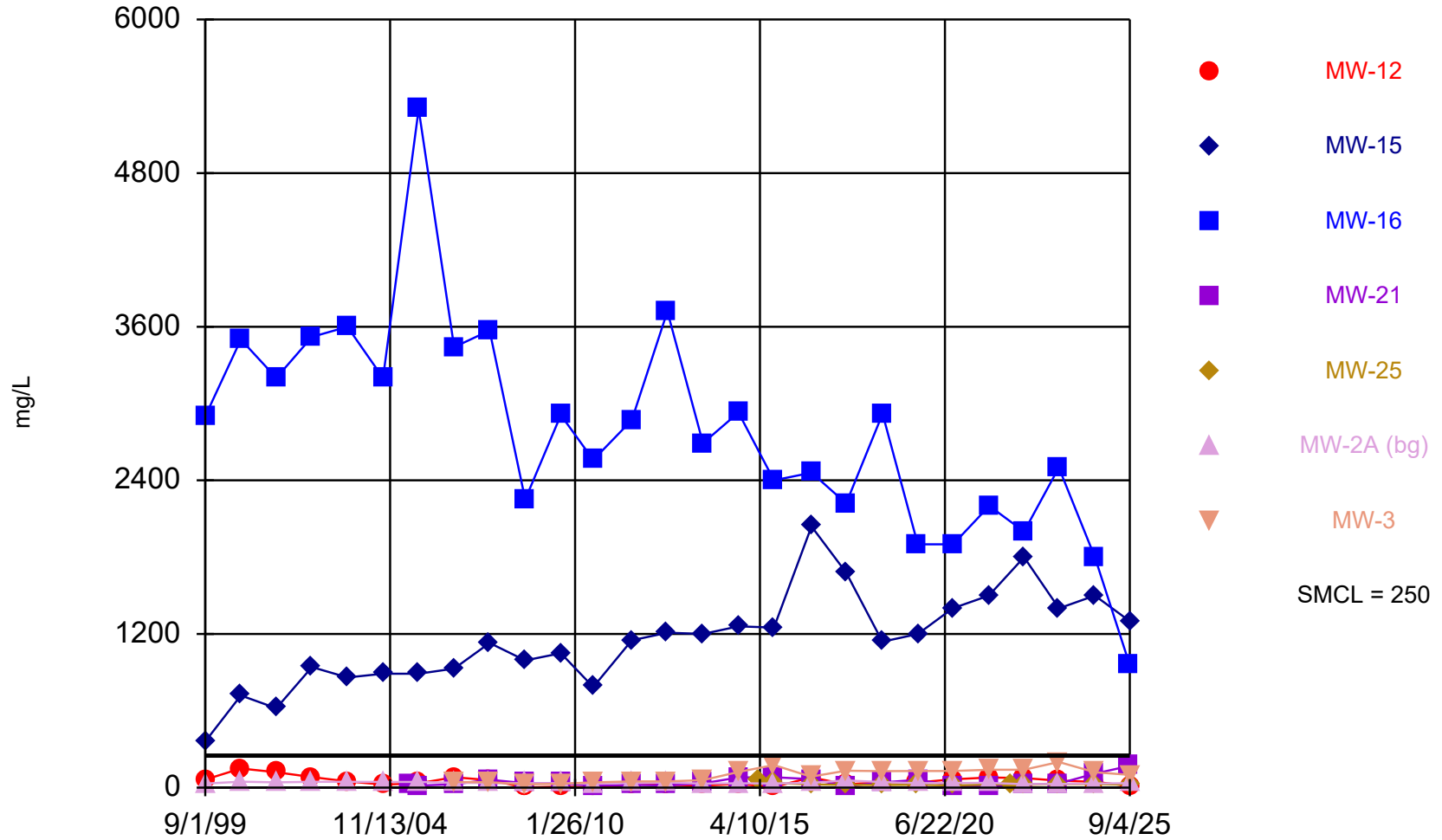
Time Series Analysis Run 3/4/2026 4:00 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Sodium (ug/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/3/2025			60000	20000			
9/4/2025	17000	150000			9600	15000	22000

Sulfate



Time Series Analysis Run 3/4/2026 4:00 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

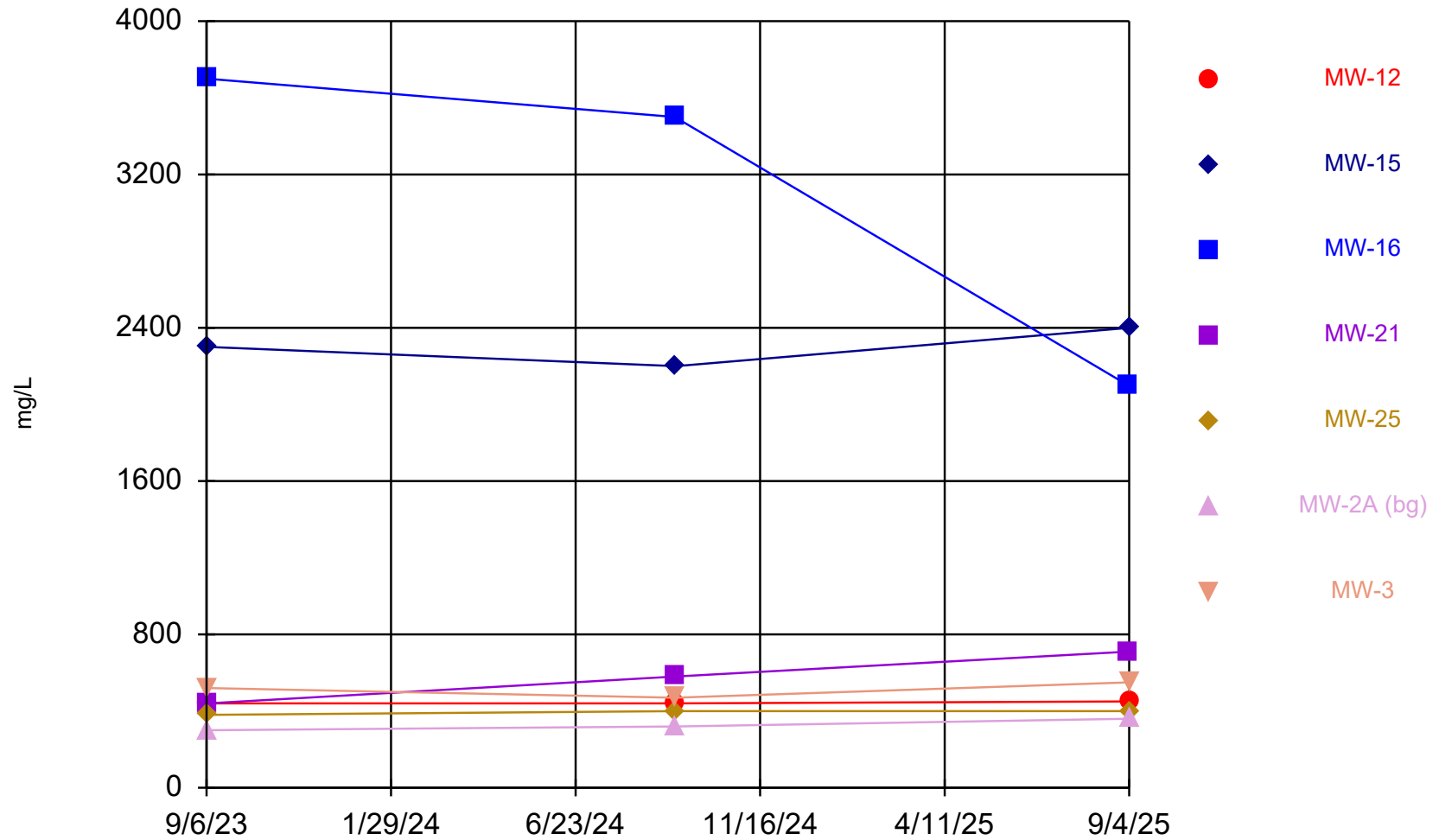
Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/4/2026 4:02 PM View: Shallow

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/1/1999	63	360	2900			32	
9/1/2000	150	720	3500			47	
9/1/2001	120	620	3200			41	
9/1/2002	82.5	942	3520			45.6	
9/1/2003	49	860	3600			46	
9/1/2004	24	890	3200			44	
6/1/2005				19			
9/1/2005	34	890	5300	16		44	
9/1/2006	81	930	3440	26.3		37.7	44.8
9/1/2007	58.3	1130	3570	62.2		36.2	42.5
9/1/2008	<2	994	2250	34.8		34.4	25.6
9/1/2009	7.88	1050	2910	33.9		34.7	30.2
8/1/2010	2.14	786	2560	15.4		30.8	40.9
9/1/2011	24.8	1150	2870	21.9		36	49.2
9/1/2012	21.8	1210	3720	17.8		40.2	48.6
9/1/2013	16.9	1200	2690	34.2		31.2	58.8
9/1/2014	29.2	1260	2930	79.6		33.3	122
4/1/2015					56.2		
9/1/2015	4.4	1250	2400	81.6	35.4	32.4	177
9/15/2016	80.6						86.2
9/16/2016						37.4	
9/20/2016		2040					
9/21/2016					25.6		
9/22/2016			2460	66.7			
9/8/2017					21.4	56.9	132
9/11/2017				10.7			
9/12/2017	25.7	1680	2220				
9/20/2018		1140			20.3	43.6	
9/21/2018			2920				129
9/24/2018	42.8			41.3			
9/18/2019	40		1900		23		
9/19/2019		1200		61		35	130
9/10/2020	65						
9/11/2020		1400					130
9/14/2020			1900		17	37	
9/15/2020				16			
9/15/2021						37	140
9/17/2021		1500					
9/20/2021				13			
9/21/2021			2200				
9/22/2021	79						
4/29/2022					28		
9/13/2022	75						140
9/14/2022		1800	2000	24		27	
9/15/2022					22		
9/6/2023	54		2500				200
9/7/2023		1400		33	27	28	
9/10/2024	46		1800	110			120
9/11/2024		1500			28	33	
9/3/2025			960	170			
9/4/2025	13	1300			23	35	100

Total Dissolved Solids



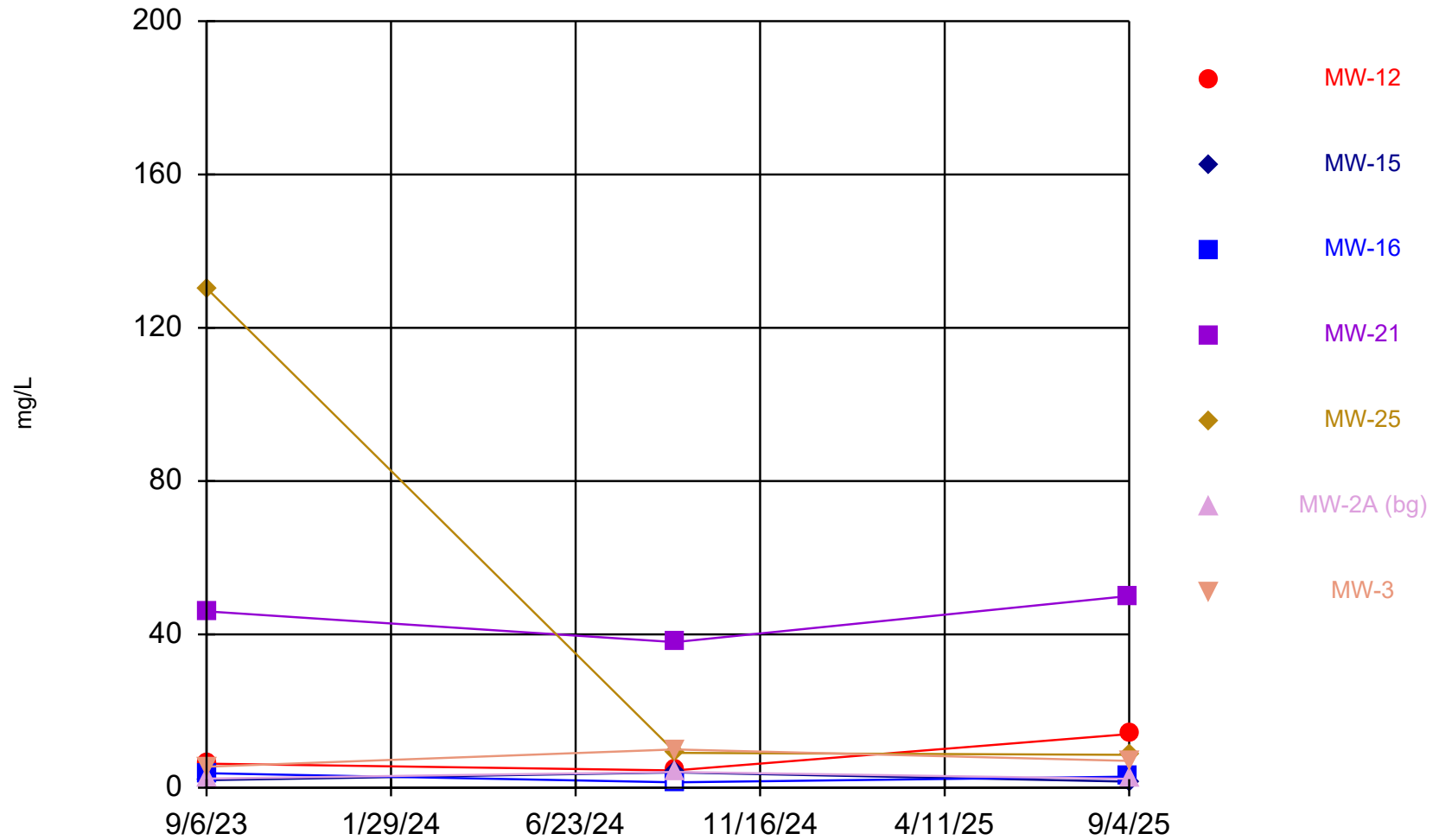
Time Series Analysis Run 3/4/2026 4:00 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/6/2023	440		3700				520
9/7/2023		2300		440	380	300	
9/10/2024	440		3500	580			470
9/11/2024		2200			400	320	
9/3/2025			2100	710			
9/4/2025	450	2400			400	360	550

Total Suspended Solids



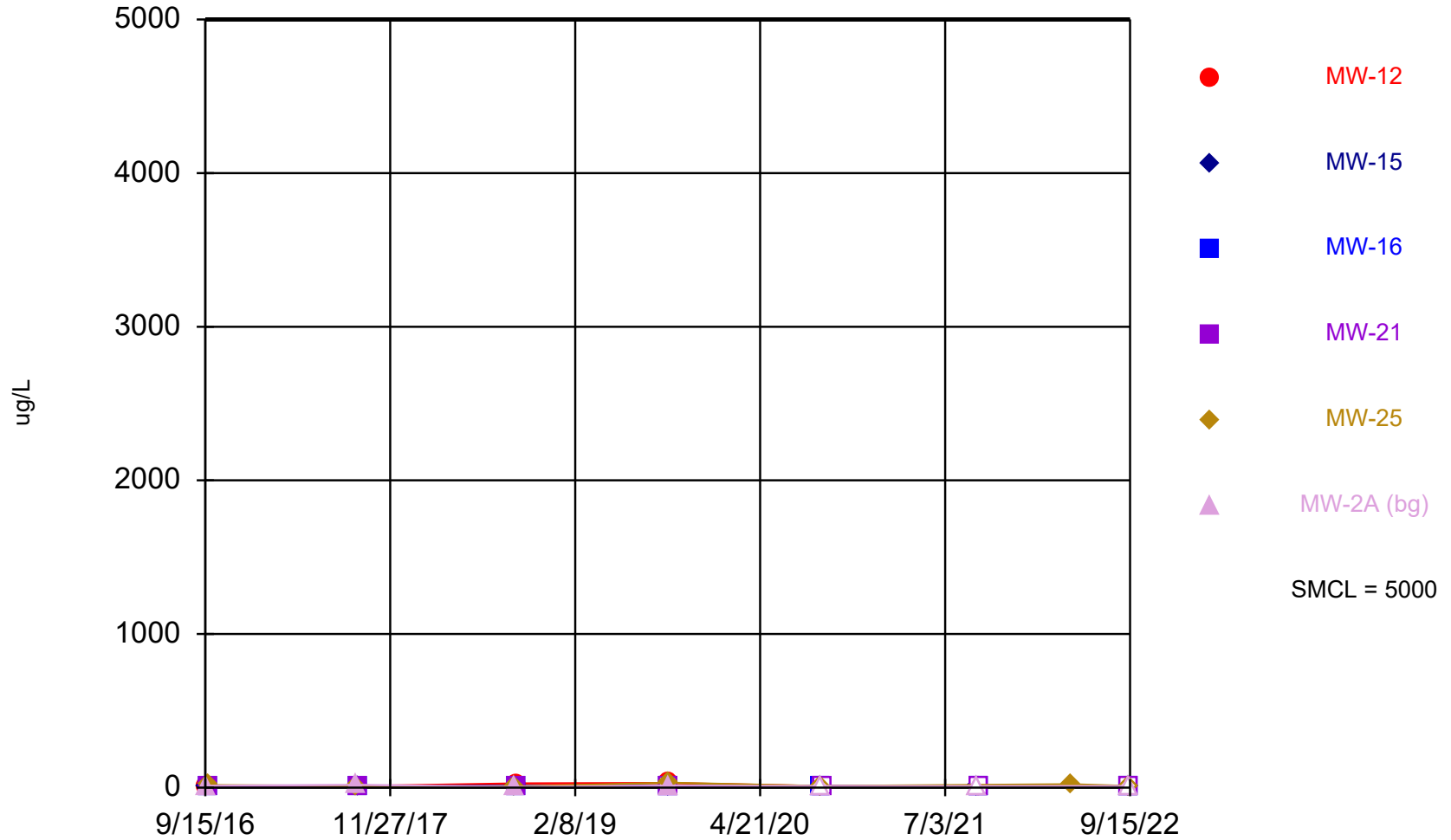
Time Series Analysis Run 3/4/2026 4:00 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Total Suspended Solids (mg/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)	MW-3
9/6/2023	6.3		3.8				5.5
9/7/2023		2		46	130	2.4	
9/10/2024	4.5		<1.4	38			10
9/11/2024		4			9.1	4.1	
9/3/2025			2.9	50			
9/4/2025	14	1.6 (J)			8.6	2.3	7

Zinc



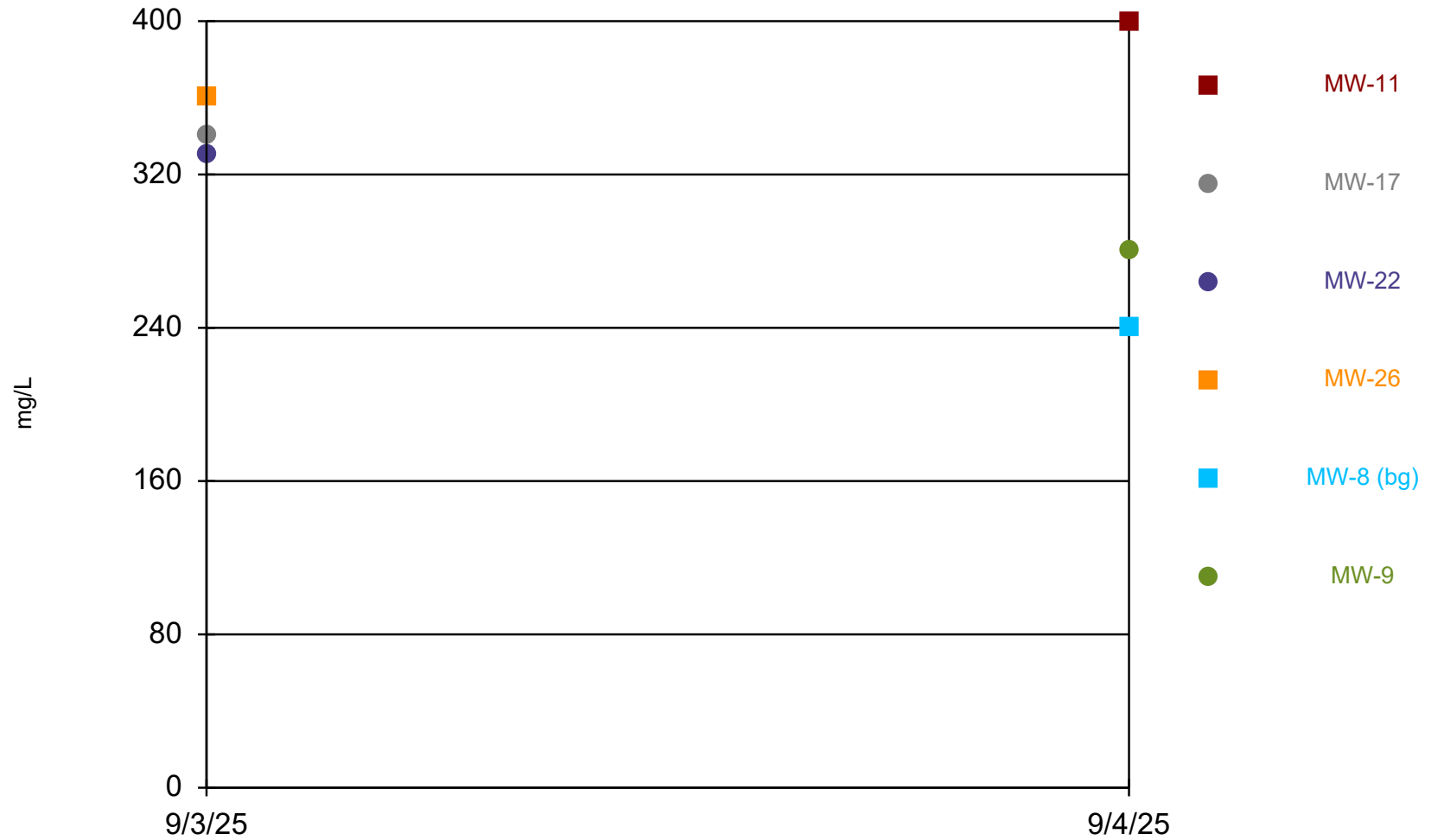
Time Series Analysis Run 3/4/2026 4:00 PM View: Shallow
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Zinc (ug/L) Analysis Run 3/4/2026 4:02 PM View: Shallow
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12	MW-15	MW-16	MW-21	MW-25	MW-2A (bg)
9/15/2016	3.6 (J)					
9/16/2016						12.3
9/20/2016		3.5 (J)				
9/21/2016					16.1	
9/22/2016			6 (J)	3.8 (J)		
9/8/2017					9.8 (J)	18.5
9/11/2017				2.9 (J)		
9/12/2017	9.9 (J)	11.4	4.9 (J)			
9/20/2018		10.6			6.8 (J)	4.2 (J)
9/21/2018			5.8 (J)			
9/24/2018	26.9			5.9 (J)		
9/18/2019	30		13 (J)		32	
9/19/2019		<10		<10		13 (J)
9/10/2020	<10					
9/11/2020		<10				
9/14/2020			<10		<10	<10
9/15/2020				<10		
9/15/2021						<10
9/17/2021		<10				
9/20/2021				<10		
9/21/2021			<10			
9/22/2021	<10					
4/29/2022					22	
9/13/2022	<10					
9/14/2022		<10	<10	<10		<10
9/15/2022					<10	

Alkalinity as CaCO3



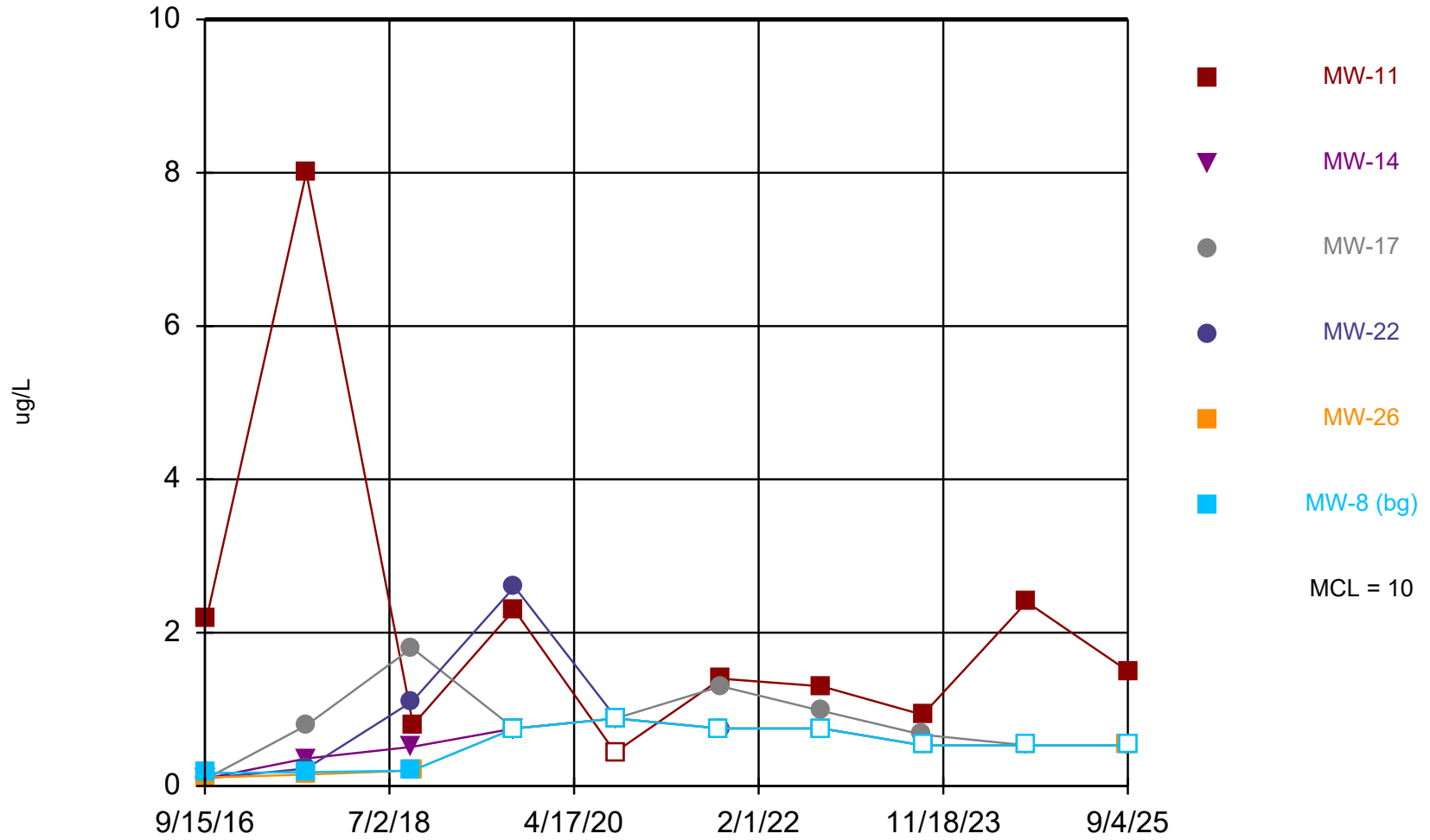
Time Series Analysis Run 3/4/2026 4:03 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Alkalinity as CaCO3 (mg/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/3/2025		340	330	360		
9/4/2025	400				240	280

Arsenic



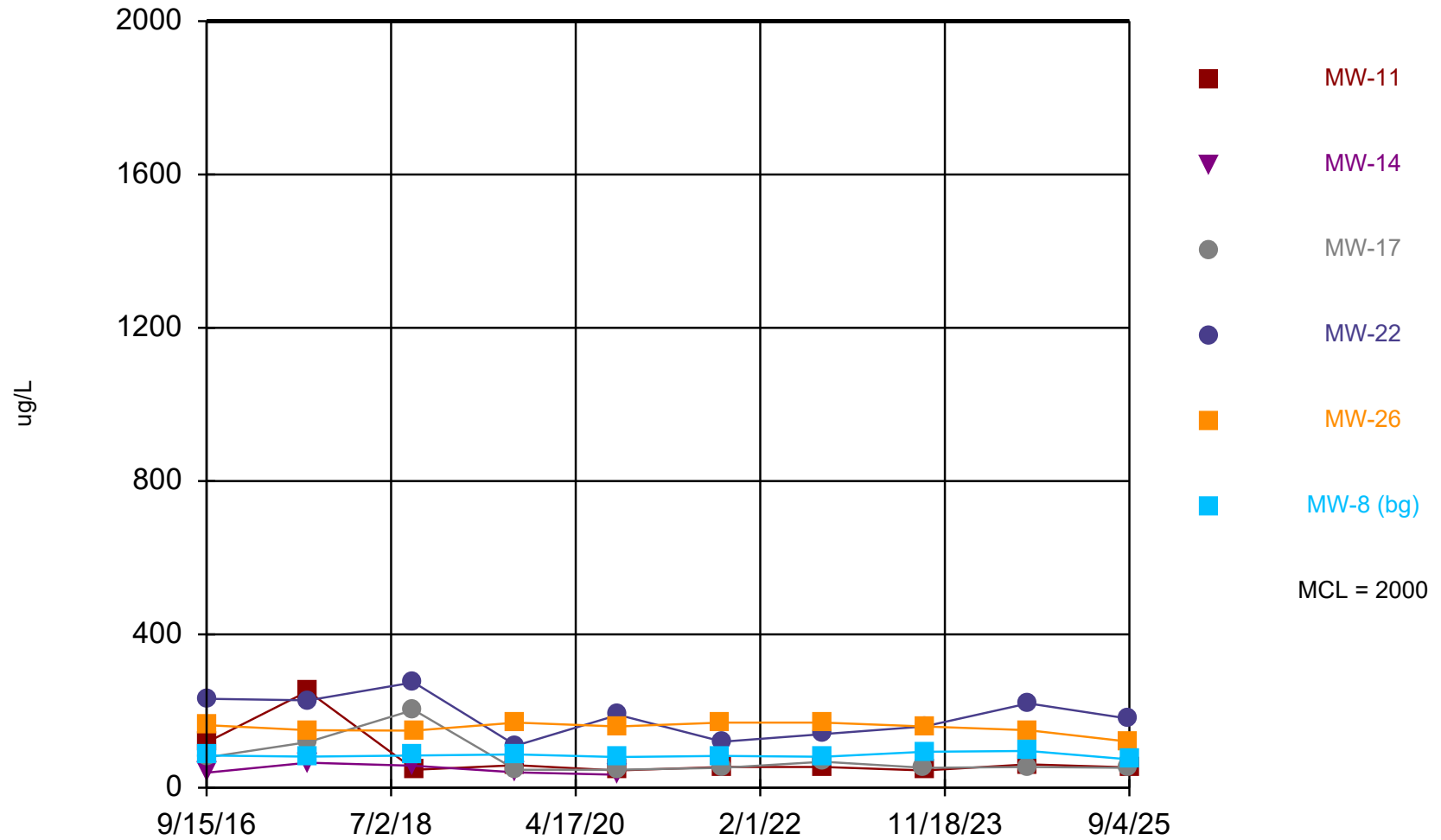
Time Series Analysis Run 3/4/2026 4:04 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Arsenic (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)
9/15/2016						0.17 (J)
9/21/2016		<0.1			0.11 (J)	
9/22/2016	2.2		<0.1	<0.1		
9/9/2017						0.18 (J)
9/10/2017	8	0.36 (J)	0.79 (J)			
9/11/2017				0.23 (J)	0.15 (J)	
9/20/2018		0.51 (J)	1.8	1.1		0.2 (J)
9/21/2018					0.2 (J)	
9/24/2018	0.8 (J)					
9/18/2019	2.3	<0.75	<0.75			
9/19/2019				2.6	<0.75	<0.75
9/10/2020	<0.88					
9/11/2020		<0.88	<0.88			<0.88
9/14/2020					<0.88	
9/15/2020				<0.88		
9/16/2021					<0.75	<0.75
9/21/2021			1.3 (J)	<0.75		
9/22/2021	1.4 (J)					
9/13/2022	1.3 (J)					
9/14/2022			0.98 (J)	<0.75	<0.75	<0.75
9/6/2023			0.67 (J)			
9/7/2023	0.93 (J)			<0.53 (U)	<0.53 (U)	<0.53 (U)
9/10/2024	2.4 (J)		<0.53	<0.53	<0.53	
9/11/2024						<0.53
9/3/2025			<0.53 (U)	<0.53 (U)	<0.53 (U)	
9/4/2025	1.5 (J)					<0.53 (U)

Barium



Time Series Analysis Run 3/4/2026 4:04 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

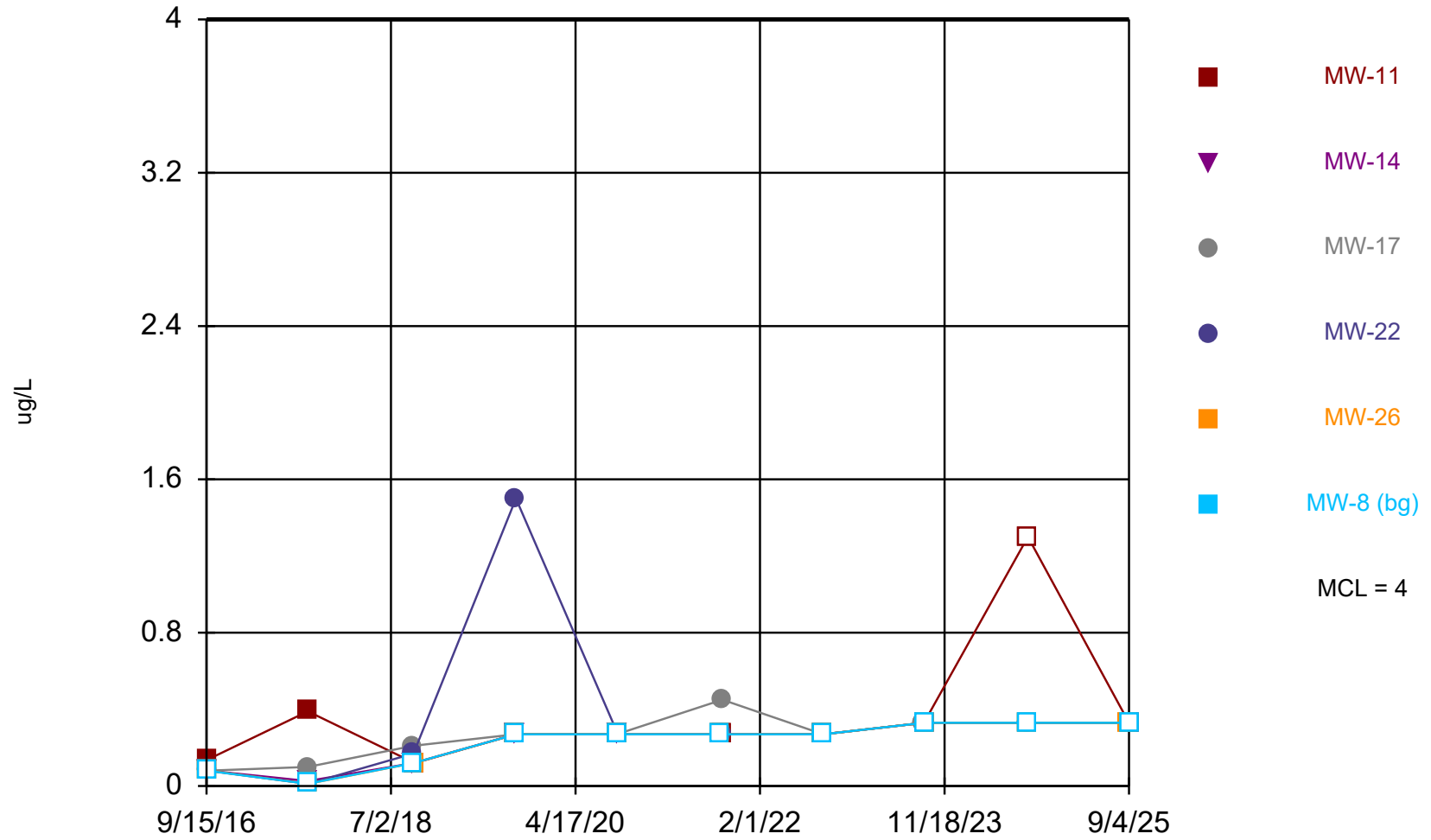
Time Series

Constituent: Barium (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)
9/15/2016						84.2
9/21/2016		39.6			163	
9/22/2016	121		79.6	232		
9/9/2017						81.2
9/10/2017	252	65.2	119			
9/11/2017				228	150	
9/20/2018		57.4	203	275		84.1
9/21/2018					149	
9/24/2018	46.9					
9/18/2019	59	40	47			
9/19/2019				110	170	87
9/10/2020	45					
9/11/2020		34	47			80
9/14/2020					160	
9/15/2020				190		
9/16/2021					170	83
9/21/2021			52	120		
9/22/2021	54					
9/13/2022	54 (B)					
9/14/2022			68 (B)	140 (B)	170 (B)	81 (B)
9/6/2023			52			
9/7/2023	45			160	160	94
9/10/2024	61		54	220	150	
9/11/2024						96
9/3/2025			52	180	120	
9/4/2025	53					74

Beryllium



Time Series Analysis Run 3/4/2026 4:04 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

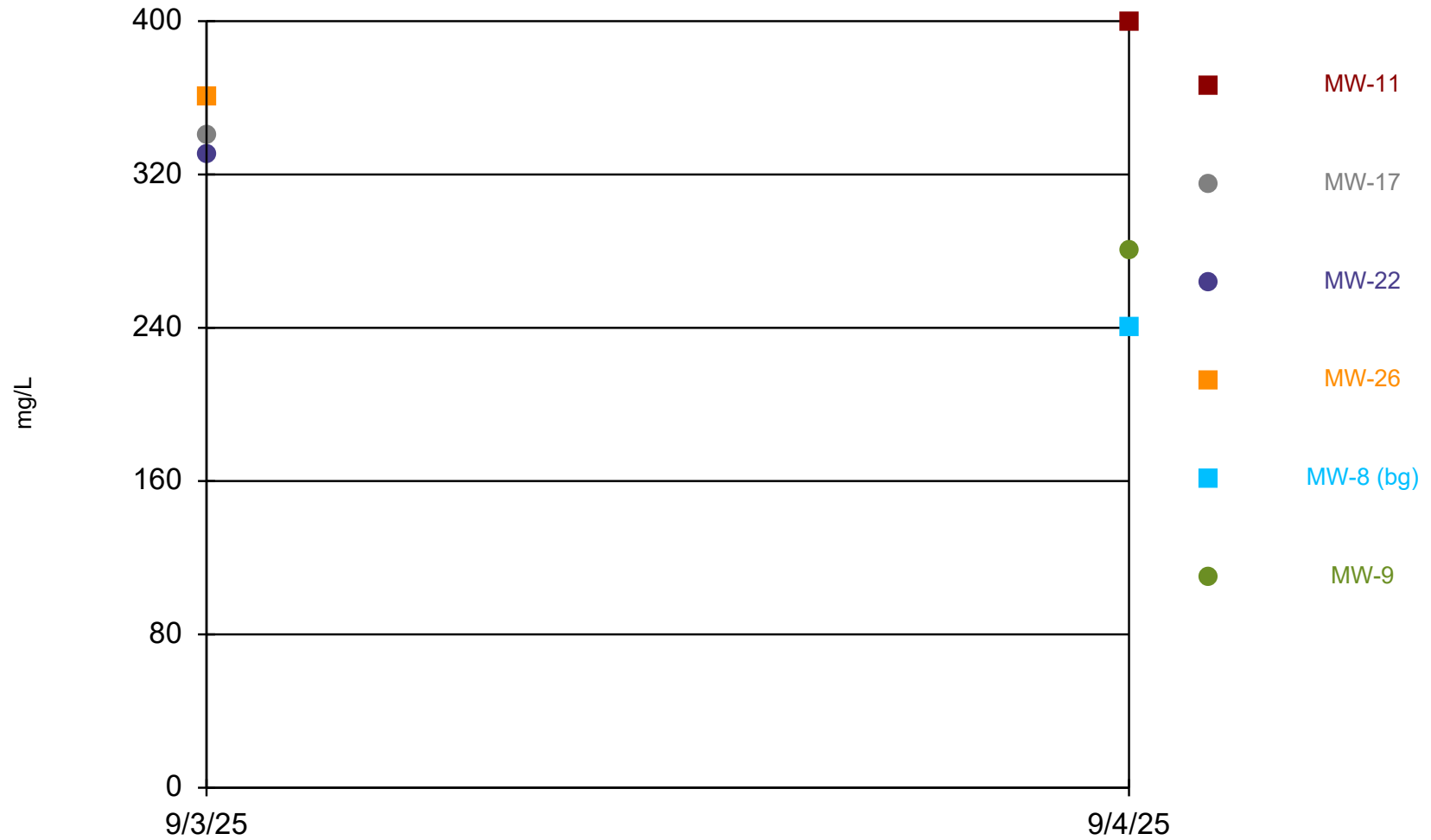
Time Series

Constituent: Beryllium (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)
9/15/2016						<0.08
9/21/2016		<0.08			<0.08	
9/22/2016	0.14 (J)		<0.08	<0.08		
9/9/2017						<0.012
9/10/2017	0.39 (J)	0.026 (J)	0.1 (J)			
9/11/2017				<0.012	<0.012	
9/20/2018		<0.12	0.21 (J)	0.17 (J)		<0.12
9/21/2018					<0.12	
9/24/2018	<0.12					
9/18/2019	<0.27	<0.27	<0.27			
9/19/2019				1.5	<0.27	<0.27
9/10/2020	<0.27					
9/11/2020		<0.27	<0.27			<0.27
9/14/2020					<0.27	
9/15/2020				<0.27		
9/16/2021					<0.27	<0.27
9/21/2021			0.45 (J)	<0.27		
9/22/2021	<0.27					
9/13/2022	<0.27					
9/14/2022			<0.27	<0.27	<0.27	<0.27
9/6/2023			<0.33 (U)			
9/7/2023	<0.33 (U)			<0.33 (U)	<0.33 (U)	<0.33 (U)
9/10/2024	<1.3		<0.33	<0.33	<0.33	
9/11/2024						<0.33
9/3/2025			<0.33 (U)	<0.33 (U)	<0.33 (U)	
9/4/2025	<0.33 (U)					<0.33 (U)

Bicarbonate Alkalinity as CaCO3



Time Series Analysis Run 3/4/2026 4:04 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

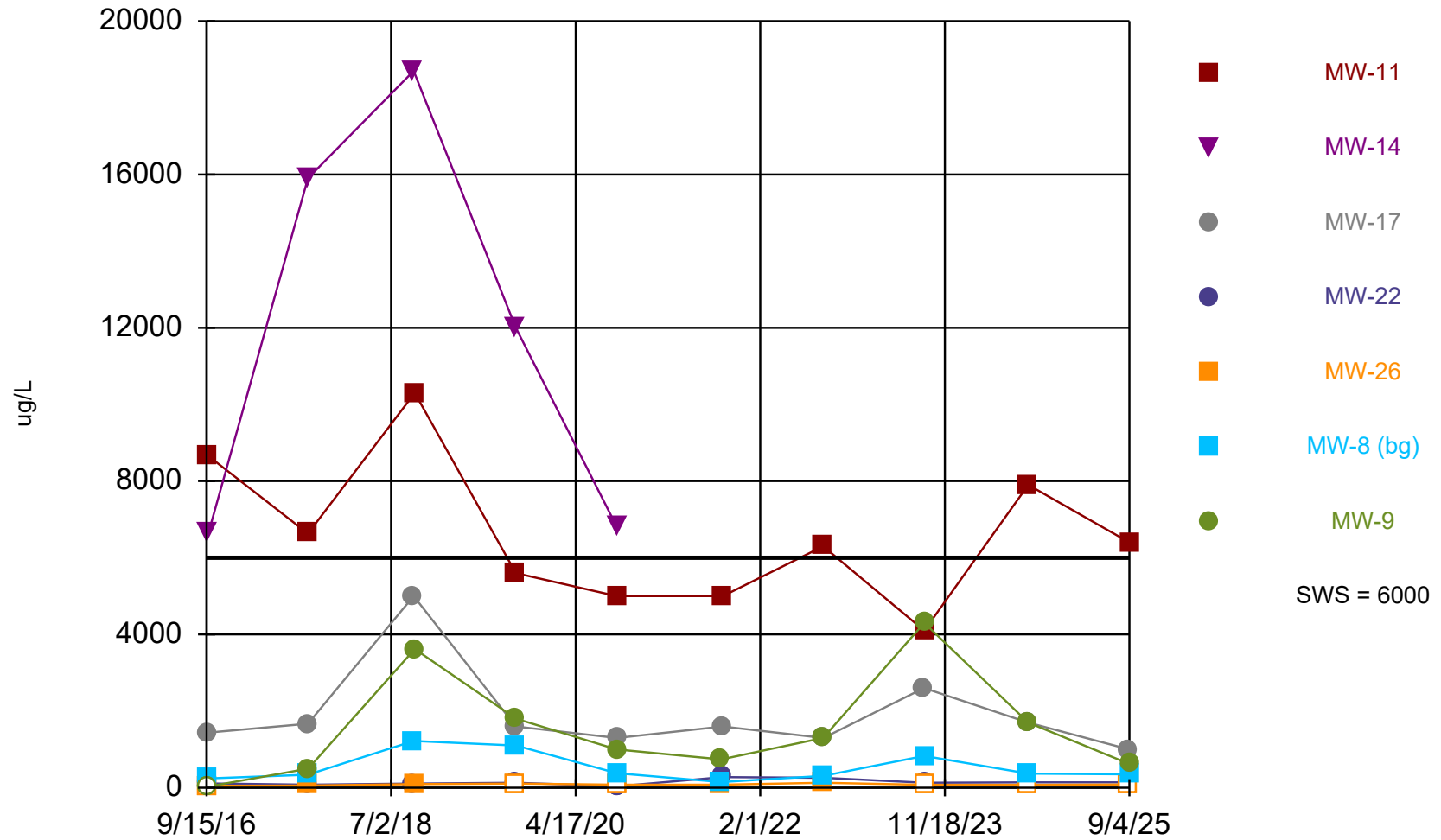
Time Series

Constituent: Bicarbonate Alkalinity as CaCO3 (mg/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/3/2025		340	330	360		
9/4/2025	400				240	280

Boron



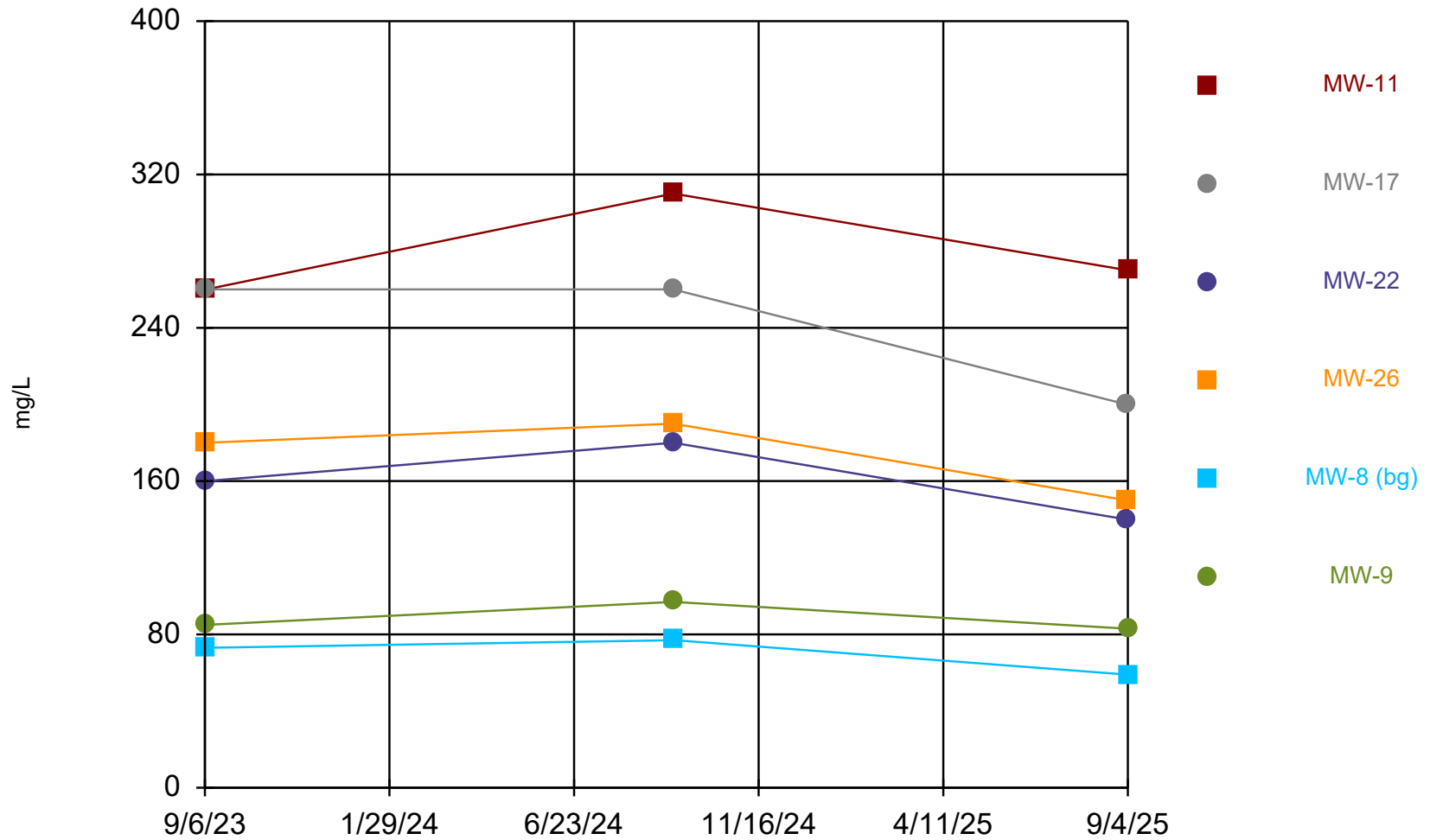
Time Series Analysis Run 3/4/2026 4:04 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Boron (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Date	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/15/2016						244	
9/16/2016							<50
9/21/2016		6630			<50		
9/22/2016	8650		1440	114			
9/9/2017						339	
9/10/2017	6630	15900	1670				
9/11/2017				79.2 (J)	58.3 (J)		500
9/20/2018		18700	5000	108		1220	
9/21/2018					94.5 (J)		
9/24/2018	10300						3620
9/18/2019	5600	12000	1600				
9/19/2019				130 (J)	<110	1100	1800
9/10/2020	5000						1000
9/11/2020		6800	1300			380	
9/14/2020					<80		
9/15/2020				<80			
9/16/2021					80 (J)	150	740
9/21/2021			1600	280			
9/22/2021	5000						
9/13/2022	6300						1300
9/14/2022			1300	260	130	310	
9/6/2023			2600				
9/7/2023	4100			130	<76 (U)	830	4300
9/10/2024	7900		1700	140	<76		1700
9/11/2024						370	
9/3/2025			1000	140	<82 (U)		
9/4/2025	6400					350	620

Calcium



Time Series Analysis Run 3/4/2026 4:04 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

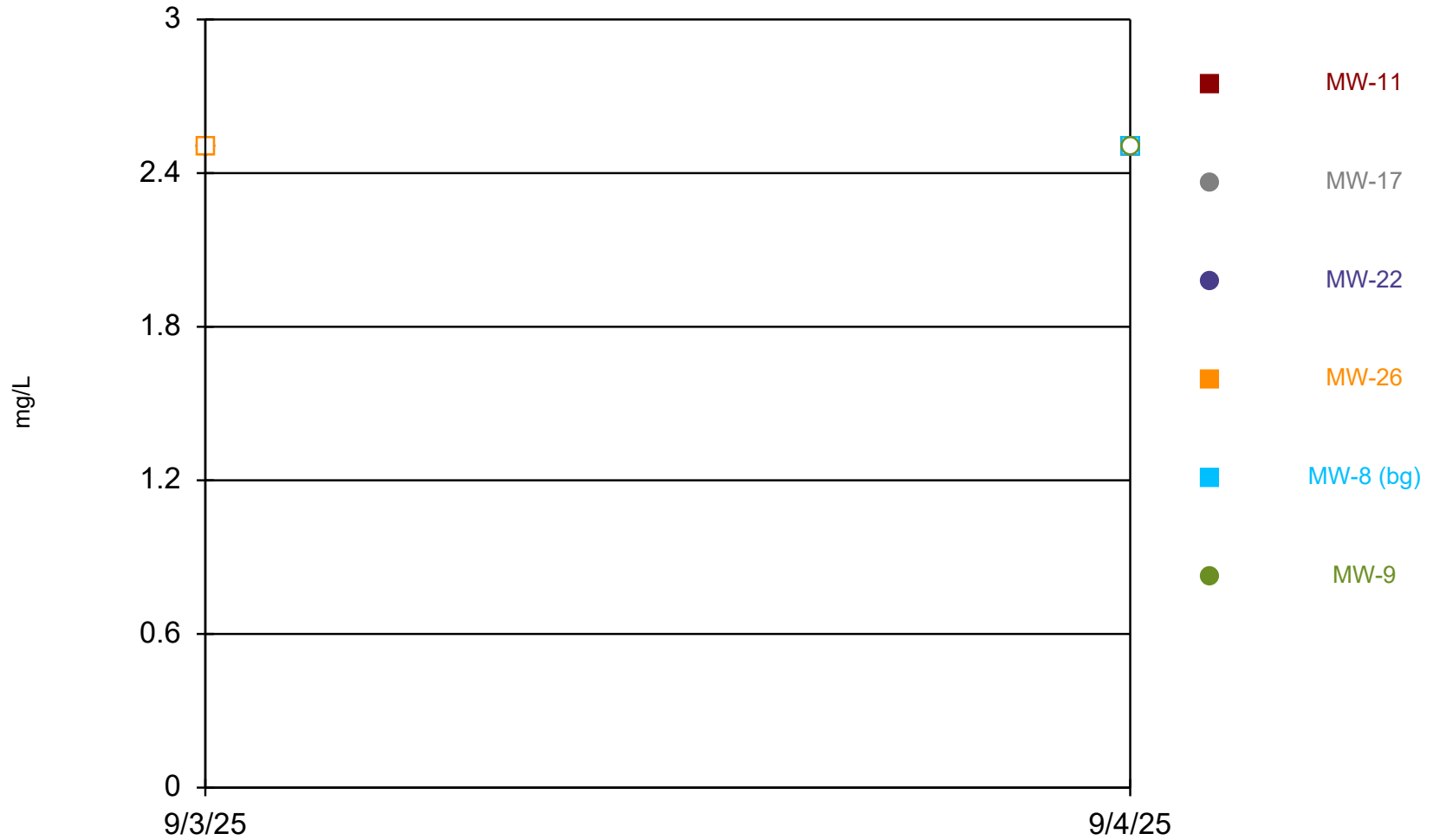
Time Series

Constituent: Calcium (mg/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/6/2023		260				
9/7/2023	260		160	180	73	85
9/10/2024	310	260	180	190		97
9/11/2024					77	
9/3/2025		200	140	150		
9/4/2025	270				59	83

Carbonate Alkalinity as CaCO3



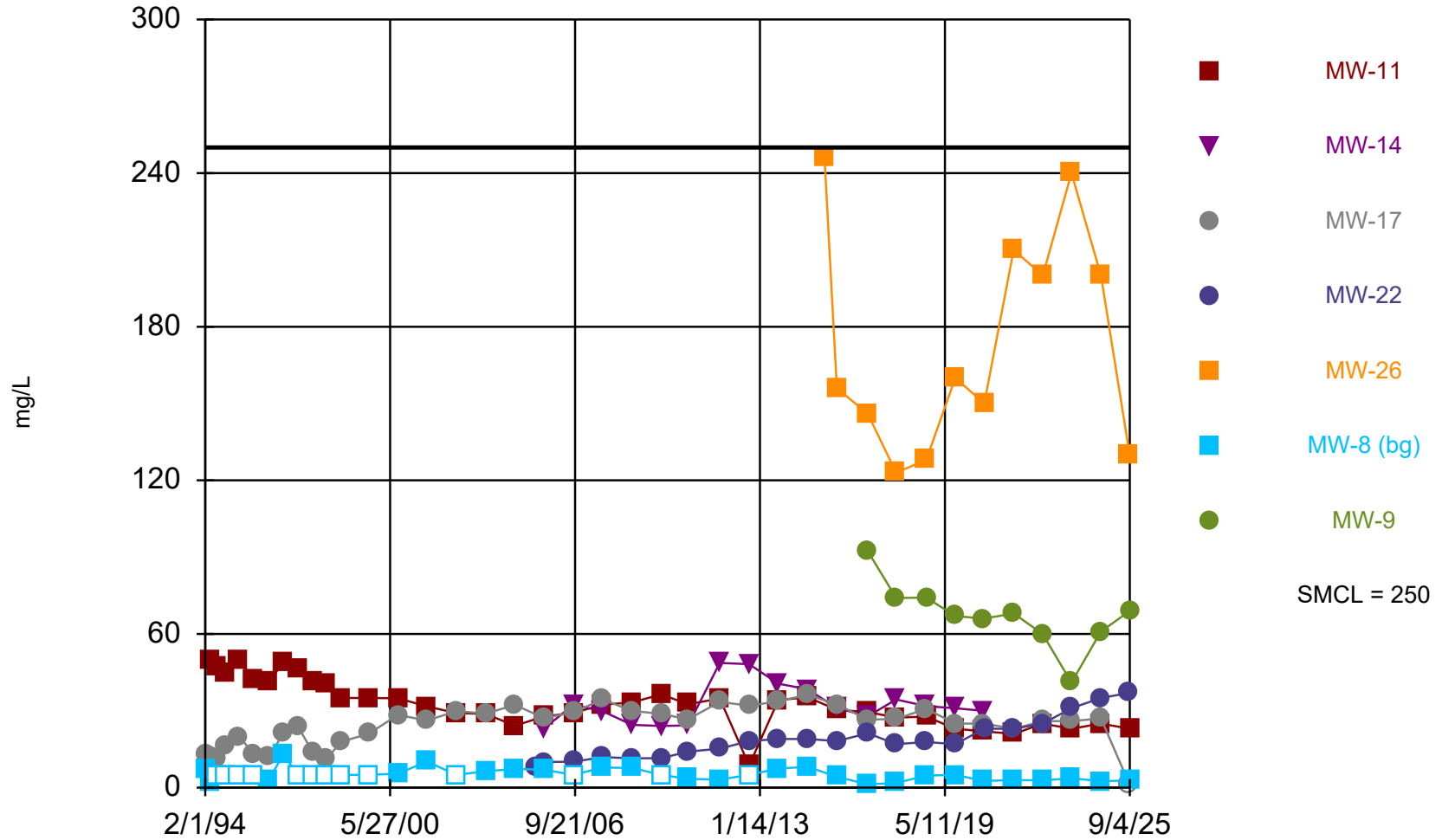
Time Series Analysis Run 3/4/2026 4:04 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Carbonate Alkalinity as CaCO3 (mg/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/3/2025		<2.5 (U)	<2.5 (U)	<2.5 (U)		
9/4/2025	<2.5 (U)				<2.5 (U)	<2.5 (U)

Chloride



Time Series Analysis Run 3/4/2026 4:04 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

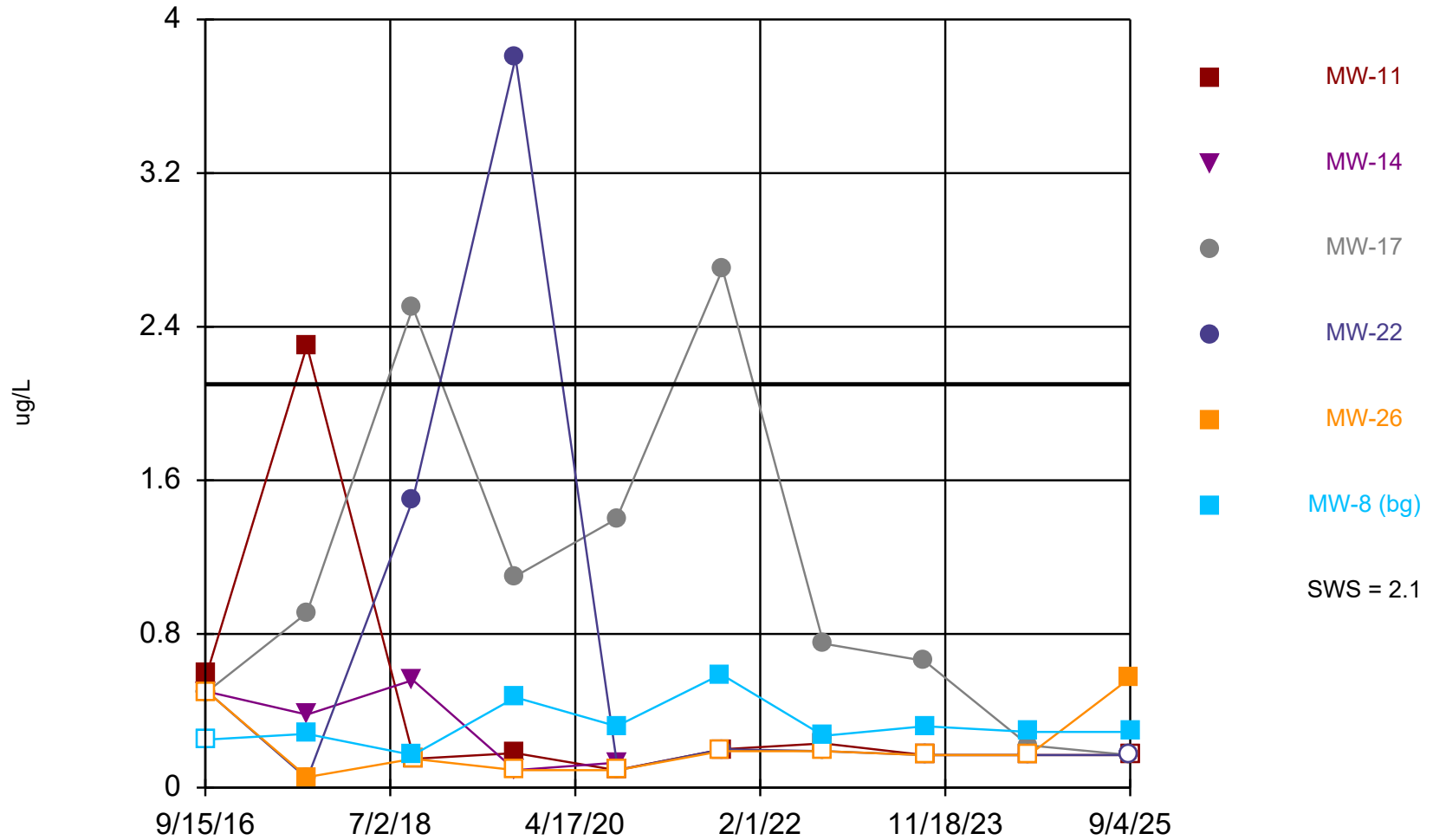
	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
2/1/1994			13			7	
4/1/1994	50		12			2	
7/1/1994	47		11			<5	
10/1/1994	45		16			<5	
4/1/1995	50		20			<5	
10/1/1995	42		13			<5	
4/1/1996	41		12			2.8	
10/1/1996	49		21			13	
4/1/1997	46		24			<5	
10/1/1997	41		14			<5	
4/1/1998	40.7		11.6			<5	
10/1/1998	35		18			<5	
9/1/1999	35		21			<5	
9/1/2000	34.9		28.4			5.5	
9/1/2001	31.7		26.2			10.2	
9/1/2002	29.1		29.9			<5	
9/1/2003	28.8		28.9			6.4	
9/1/2004	24.2		32.3			7.3	
6/1/2005				8.1			
9/1/2005	27.8	23.2	27.1	10		7	
9/1/2006	29.2	32.3	29.5	10.1		<5	
9/1/2007	32.4	29.8	34.4	11.9		7.85	
9/1/2008	33.3	24.5	30	11.5		7.7	
9/1/2009	36.4	24.1	28.8	11.5		<5	
8/1/2010	32.6	24.3	26.7	14.1		3.44	
9/1/2011	34.8	48.7	33.5	15.2		3.12	
9/1/2012	8.64	48.2	32	18.2		<5	
9/1/2013	34.2	40.6	33.7	19		7.5	
9/1/2014	35.3	38.4	36.3	19		8.1	
4/1/2015					246		
9/1/2015	30.4	31.1	32.5	18.2	156	4.3	
9/15/2016						1.3	
9/16/2016							92.6
9/21/2016		27.9			146		
9/22/2016	29.5		26.6	21.2			
9/9/2017						1.8	
9/10/2017	27.4	34.4	26.8				
9/11/2017				17	123		74.1
9/20/2018		31.8	30.8	17.8		4.7	
9/21/2018					128		
9/24/2018	27.7						74.2
9/18/2019	23	31	25				
9/19/2019				17	160	5	67
9/10/2020	22						66
9/11/2020		30	25			2.6 (J)	
9/14/2020					150		
9/15/2020				23			
9/16/2021					210	3 (J)	68
9/21/2021			23	23			
9/22/2021	21						
9/13/2022	25						60
9/14/2022			26	25	200	2.8 (J)	

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/6/2023			26				
9/7/2023	23			31	240	3.7 (J)	41
9/10/2024	25		27	35	200		61
9/11/2024						2.5 (J)	
9/3/2025			<2.3 (U)	37	130		
9/4/2025	23					2.8 (J)	69

Cobalt



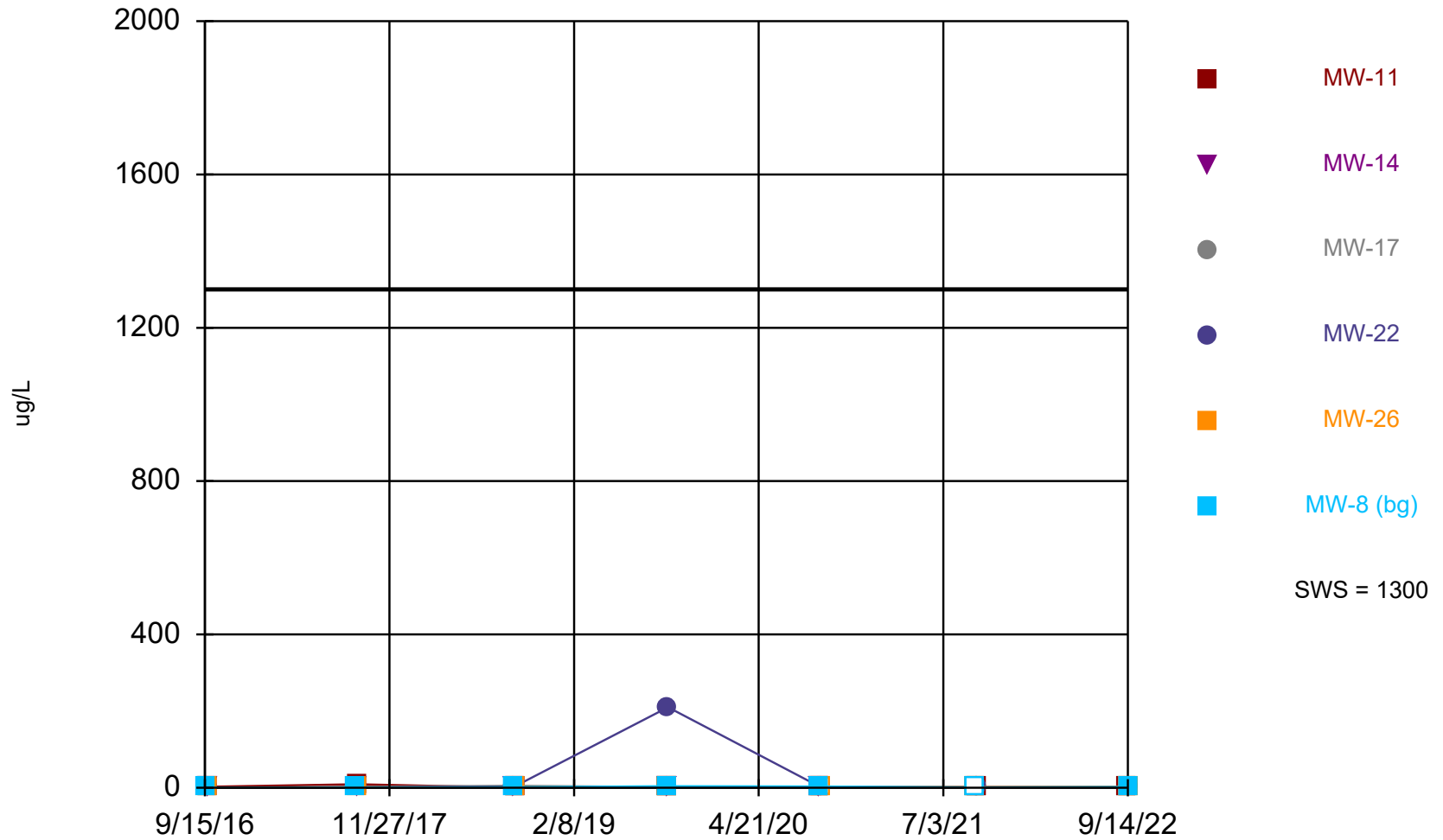
Time Series Analysis Run 3/4/2026 4:04 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Cobalt (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)
9/15/2016						<0.5
9/21/2016		<0.5			<0.5	
9/22/2016	0.6 (J)		<0.5	<0.5		
9/9/2017						0.28 (J)
9/10/2017	2.3	0.38 (J)	0.91 (J)			
9/11/2017				0.047 (J)	0.055 (J)	
9/20/2018		0.56 (J)	2.5	1.5		0.17 (J)
9/21/2018					<0.15	
9/24/2018	<0.15					
9/18/2019	0.18 (J)	<0.091	1.1			
9/19/2019				3.8	<0.091	0.47 (J)
9/10/2020	<0.091					
9/11/2020		0.13 (J)	1.4			0.32 (J)
9/14/2020					<0.091	
9/15/2020				<0.091		
9/16/2021					<0.19	0.59
9/21/2021			2.7	0.2 (J)		
9/22/2021	0.2 (J)					
9/13/2022	0.23 (J)					
9/14/2022			0.75	<0.19	<0.19	0.27 (J)
9/6/2023			0.66			
9/7/2023	<0.17 (U)			<0.17 (U)	<0.17 (U)	0.32 (J)
9/10/2024	<0.17		0.22 (J)	<0.17	<0.17	
9/11/2024						0.29 (J)
9/3/2025			<0.17 (U)	<0.17 (U)	0.57	
9/4/2025	<0.17 (U)					0.29 (J)

Copper



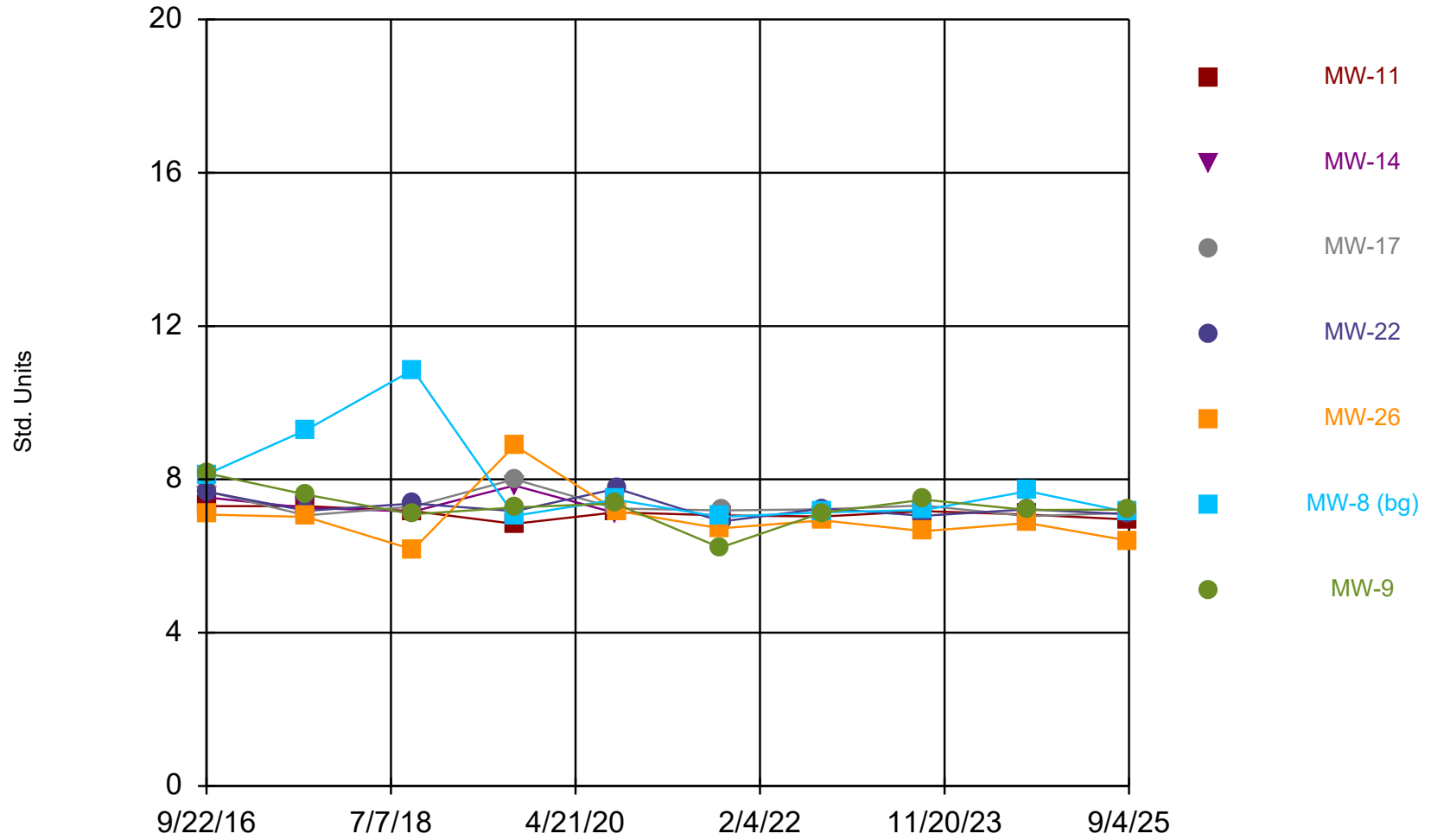
Time Series Analysis Run 3/4/2026 4:04 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Copper (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)
9/15/2016						0.5 (J)
9/21/2016		<0.11			0.34 (J)	
9/22/2016	2.5		0.16 (J)	<0.11		
9/9/2017						0.36 (J)
9/10/2017	8.9	0.97 (J)	2.7			
9/11/2017				0.49 (J)	0.5 (J)	
9/20/2018		0.83 (J)	5.2	3.2		1.6
9/21/2018					0.96 (J)	
9/24/2018	<0.48					
9/18/2019	<2	<2	<2			
9/19/2019				210	<2	4 (J)
9/10/2020	<1.5					
9/11/2020		<1.5	<1.5			3.2 (J)
9/14/2020					<1.5	
9/15/2020				<1.5		
9/16/2021					<1.4	<1.4
9/21/2021			<1.4	<1.4		
9/22/2021	<1.4					
9/13/2022	<1.8					
9/14/2022			<1.8	<1.8	<1.8	1.8 (J)

Field pH



Time Series Analysis Run 3/4/2026 4:05 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

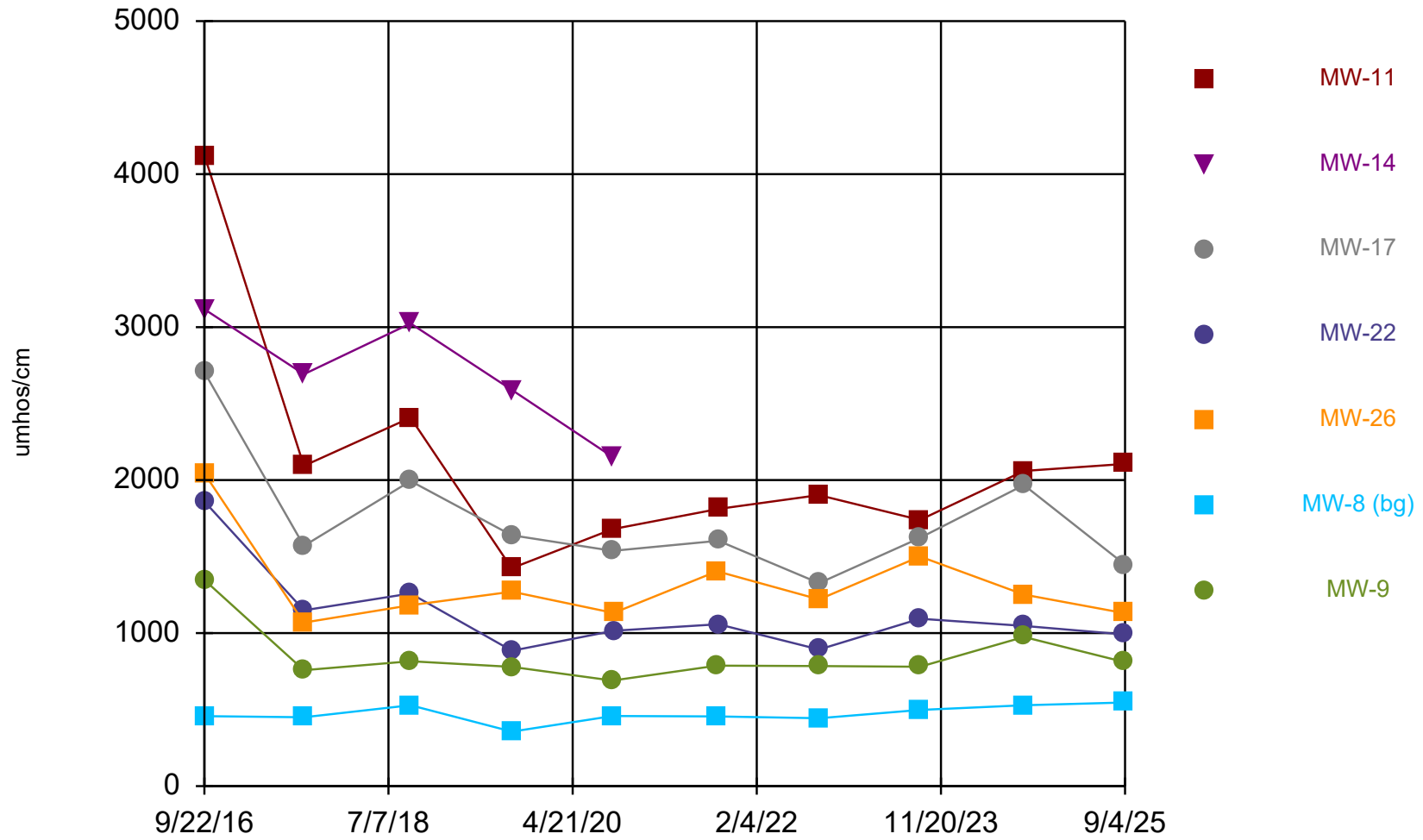
Time Series

Constituent: Field pH (Std. Units) Analysis Run 3/4/2026 4:07 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/22/2016	7.3	7.53	7.69	7.68	7.08	8.13	8.16
9/10/2017	7.3	7.26	7.06	7.18	7.02	9.29	7.6
9/24/2018	7.17	7.16	7.29	7.37	6.17	10.86	7.09
9/18/2019	6.84	7.84	8				
9/19/2019				7.17	8.88	7.05	7.27
9/10/2020	7.14						7.37
9/11/2020		7.12	7.24			7.47	
9/14/2020					7.18		
9/15/2020				7.76			
9/16/2021					6.72	7.02	6.22
9/21/2021			7.19	6.9			
9/22/2021	7.06						
9/13/2022	7.03						7.13
9/14/2022			7.22	7.24	6.93	7.14	
9/6/2023			7.32				
9/7/2023	7.17			7.05	6.65	7.2	7.47
9/10/2024	7.08		7.04	7.22	6.86		7.2
9/11/2024						7.69	
9/3/2025			7.13	7.09	6.4		
9/4/2025	6.95					7.14	7.21

Field Specific Conductance



Time Series Analysis Run 3/4/2026 4:05 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

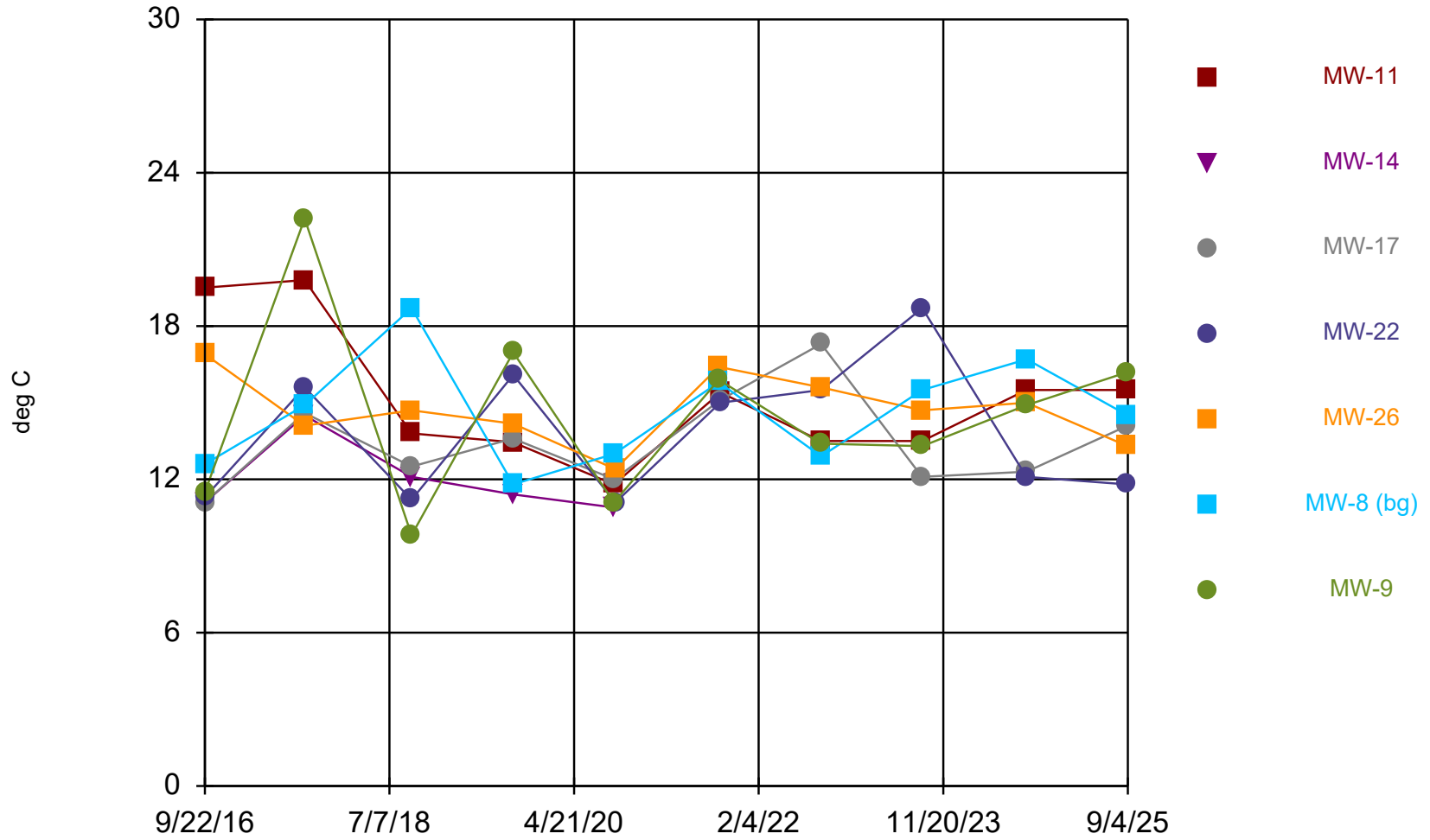
Time Series

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 3/4/2026 4:07 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/22/2016	4122	3117	2706	1861	2044	457	1347
9/10/2017	2093	2692	1570	1149	1069	450.2	758
9/24/2018	2408	3024	1994	1259	1182	528.8	816
9/18/2019	1424	2590	1640				
9/19/2019				885	1271	356	779
9/10/2020	1679						690
9/11/2020		2151	1538			458.4	
9/14/2020					1132		
9/15/2020				1016			
9/16/2021					1404	455.4	787
9/21/2021			1604	1058			
9/22/2021	1812						
9/13/2022	1902						785
9/14/2022			1327	893	1220	444.2	
9/6/2023			1622				
9/7/2023	1740			1094	1501	498.3	780
9/10/2024	2060		1968	1047	1252		975
9/11/2024						529	
9/3/2025			1448	991	1130		
9/4/2025	2106					547	810

Field Temperature



Time Series Analysis Run 3/4/2026 4:05 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

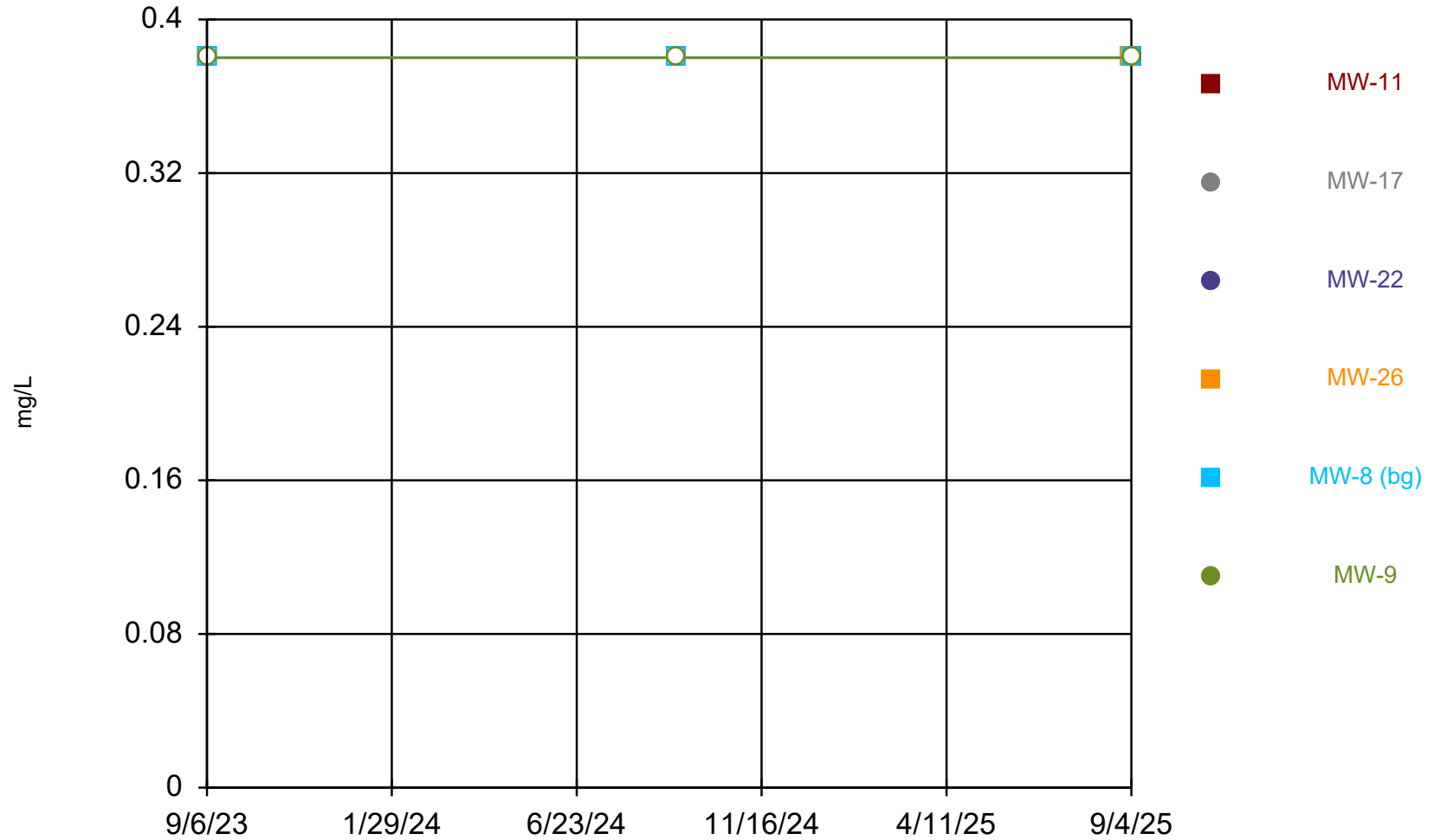
Time Series

Constituent: Field Temperature (deg C) Analysis Run 3/4/2026 4:07 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/22/2016	19.5	11.1	11.1	11.3	16.9	12.6	11.5
9/10/2017	19.8	14.5	14.6	15.6	14.1	14.9	22.2
9/24/2018	13.8	12.1	12.5	11.2	14.7	18.7	9.815 (D)
9/18/2019	13.45	11.41	13.6				
9/19/2019				16.09	14.18	11.81	16.97
9/10/2020	11.8						11.1
9/11/2020		10.9	12			13	
9/14/2020					12.4		
9/15/2020				11.1			
9/16/2021					16.4	15.8	15.9
9/21/2021			15.1	15			
9/22/2021	15.4						
9/13/2022	13.5						13.4
9/14/2022			17.3	15.5	15.6	12.9	
9/6/2023			12.1				
9/7/2023	13.5			18.7	14.7	15.5	13.3
9/10/2024	15.5		12.3	12.1	15		14.9
9/11/2024						16.7	
9/3/2025			14.1	11.8	13.3		
9/4/2025	15.5					14.5	16.2

Fluoride



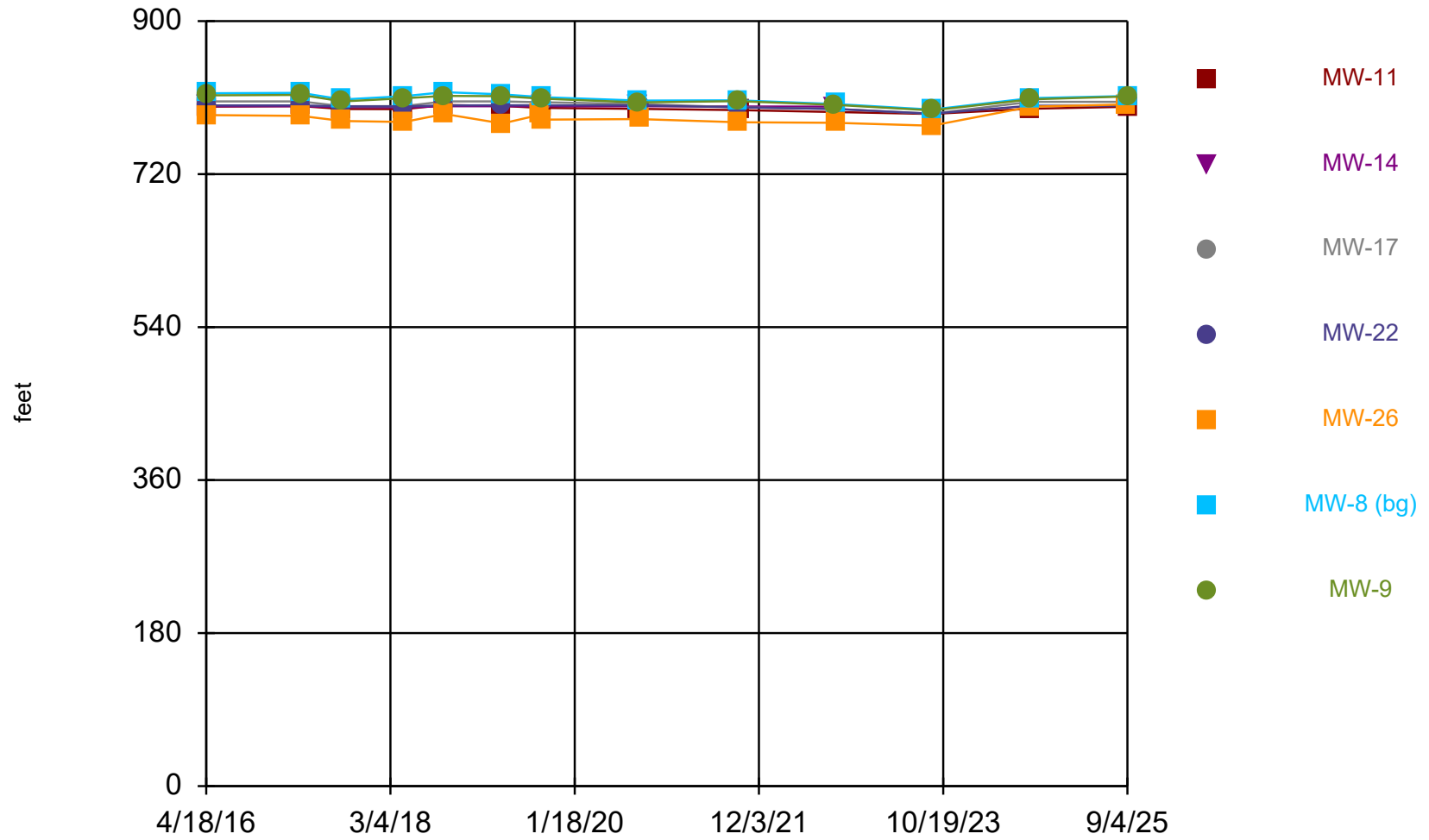
Time Series Analysis Run 3/4/2026 4:05 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Fluoride (mg/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/6/2023		<0.38 (U)				
9/7/2023	<0.38 (U)		<0.38 (U)	<0.38 (U)	<0.38 (U)	<0.38 (U)
9/10/2024	<0.38	<0.38	<0.38	<0.38		<0.38
9/11/2024					<0.38	
9/3/2025		<0.38 (U)	<0.38 (U)	<0.38 (U)		
9/4/2025	<0.38 (U)				0.38 (J)	<0.38 (U)

Groundwater Elevation



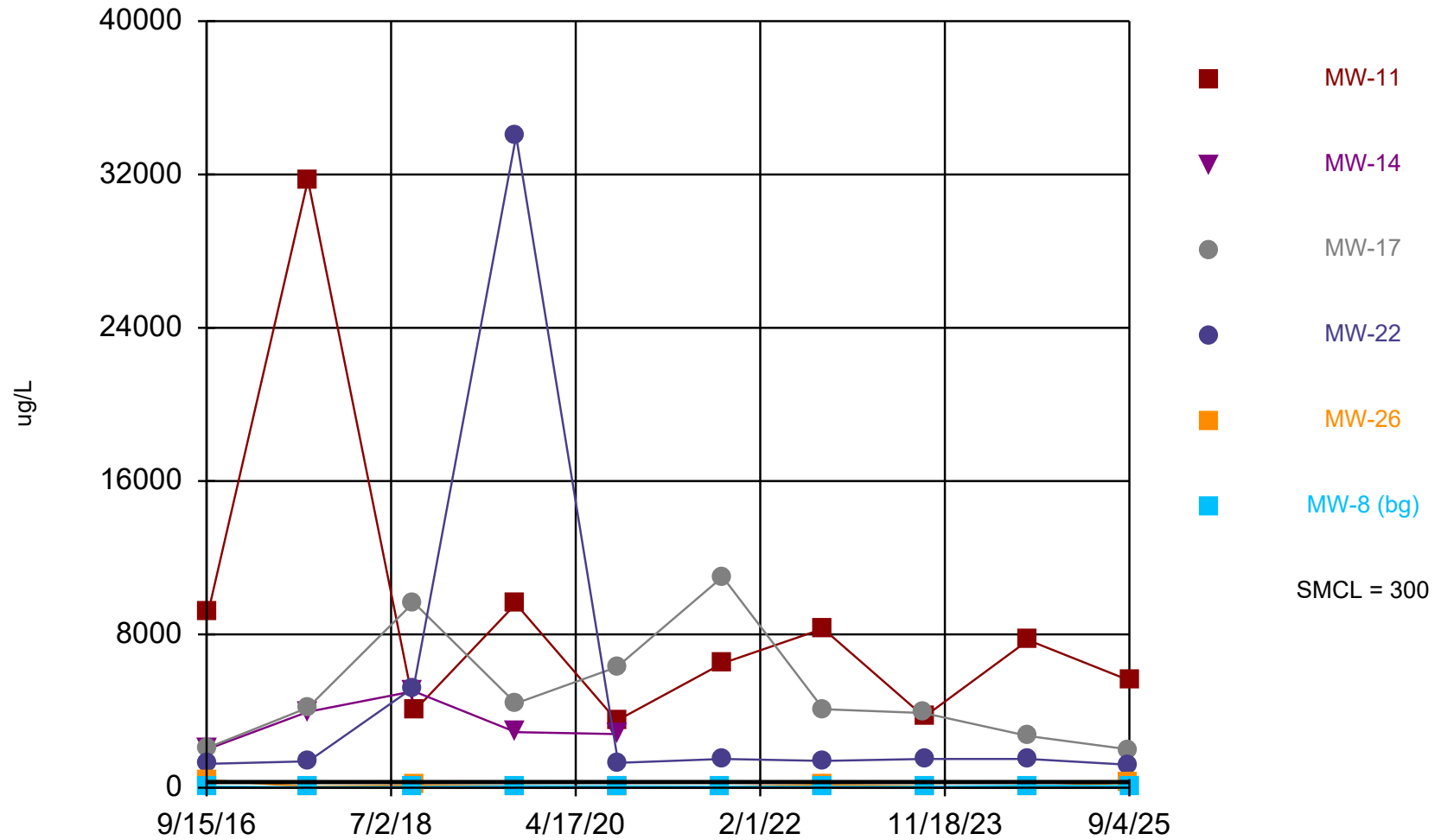
Time Series Analysis Run 3/4/2026 4:05 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Groundwater Elevation (feet) Analysis Run 3/4/2026 4:07 PM View: Intermediate
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
4/18/2016	799.33	799.79	805.48	800.86	789.4	815	812.69
4/5/2017	799.95	799.79	805.48	800.86	788.5	815.61	813.16
9/7/2017	796.49	798.79	799.76	799.61	782.48	807.78	805.46
4/24/2018	796.47	798.41	800.04	799.66	781.36	811.71	809.25
9/21/2018	801.34	799.79	805.48	800.86	790.75	816.4	812
4/24/2019	800.12	799.8	805.48	800.87	779.59	813.74	811.72
9/15/2019					790.01		
9/18/2019	797.9	799.79	804.48				
9/19/2019					784.11	810.5	808.8
9/10/2020	796.78						804.34
9/11/2020		799.79	802.39			806.46	
9/14/2020					784.73		
9/15/2020				800.86			
9/16/2021					780.94	806.72	805.82
9/21/2021			798.55	798.43			
9/22/2021	795.19						
9/12/2022		799.3					
9/13/2022							801.45
9/14/2022			796.74	796.52	780.28	802.37	
9/6/2023			791.09				
9/7/2023	790.64			791.08	776.96	795.86	795.01
9/10/2024	796.92		804.99	800.49	799.27		807.87
9/11/2024						809.45	
9/3/2025			804.99	800.49	801.84		
9/4/2025	799.2					811.82	811.31

Iron



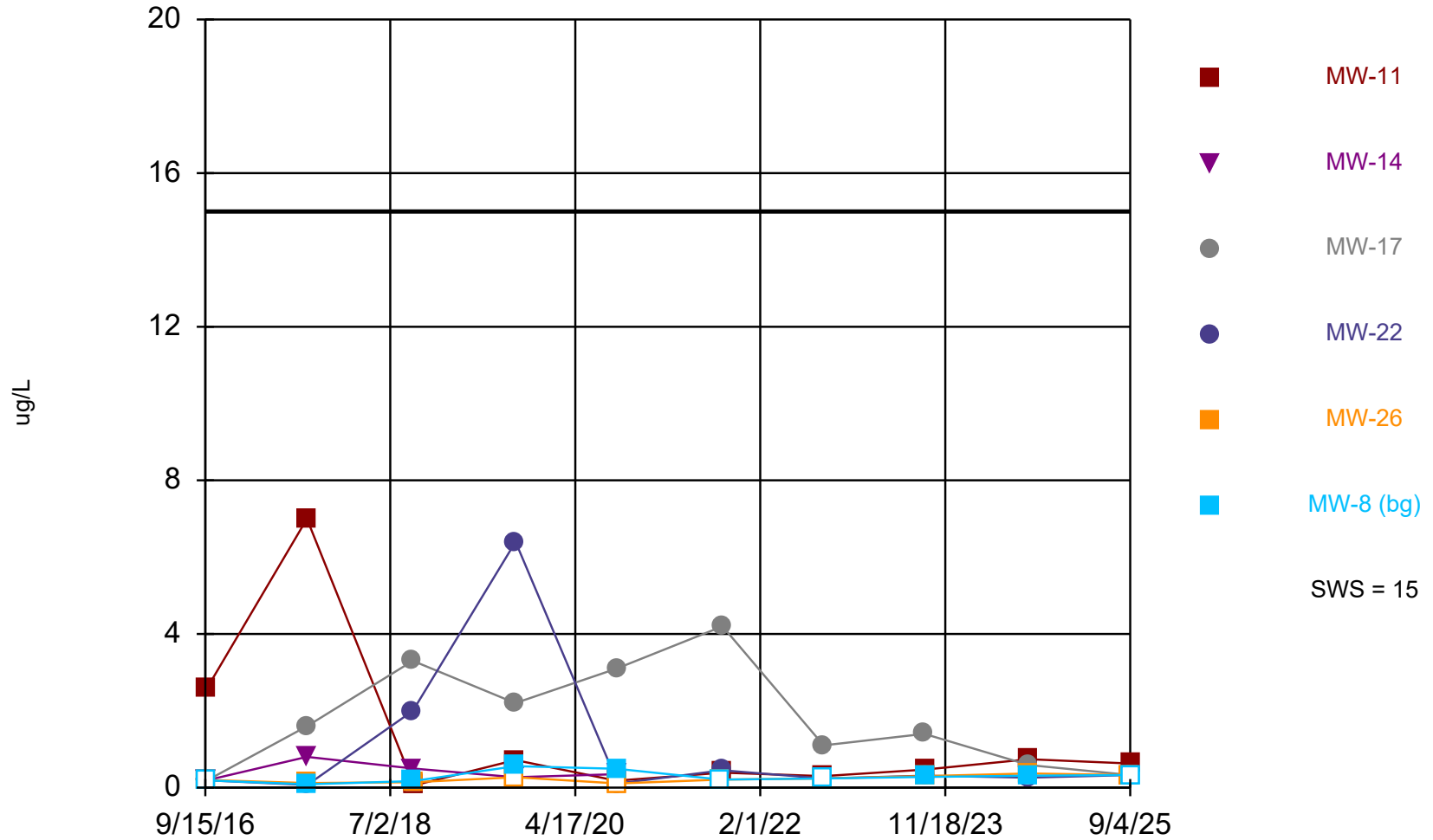
Time Series Analysis Run 3/4/2026 4:05 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Iron (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)
9/15/2016						56.6
9/21/2016		2030			396	
9/22/2016	9230		2110	1250		
9/9/2017						27 (J)
9/10/2017	31700	3960	4180			
9/11/2017				1380	55.4	
9/20/2018		5040	9670	5230		45 (J)
9/21/2018					124	
9/24/2018	4040					
9/18/2019	9600	2900	4400			
9/19/2019				34000	78 (J)	84 (J)
9/10/2020	3500					
9/11/2020		2800	6300			76 (J)
9/14/2020					<50	
9/15/2020				1300		
9/16/2021					53 (J)	62 (J)
9/21/2021			11000	1500		
9/22/2021	6500					
9/13/2022	8300					
9/14/2022			4100	1400	140	51 (J)
9/6/2023			3900			
9/7/2023	3700			1500	76 (J)	50 (J)
9/10/2024	7700		2700	1500	44 (J)	
9/11/2024						100
9/3/2025			2000	1200	270	
9/4/2025	5600					85 (J)

Lead



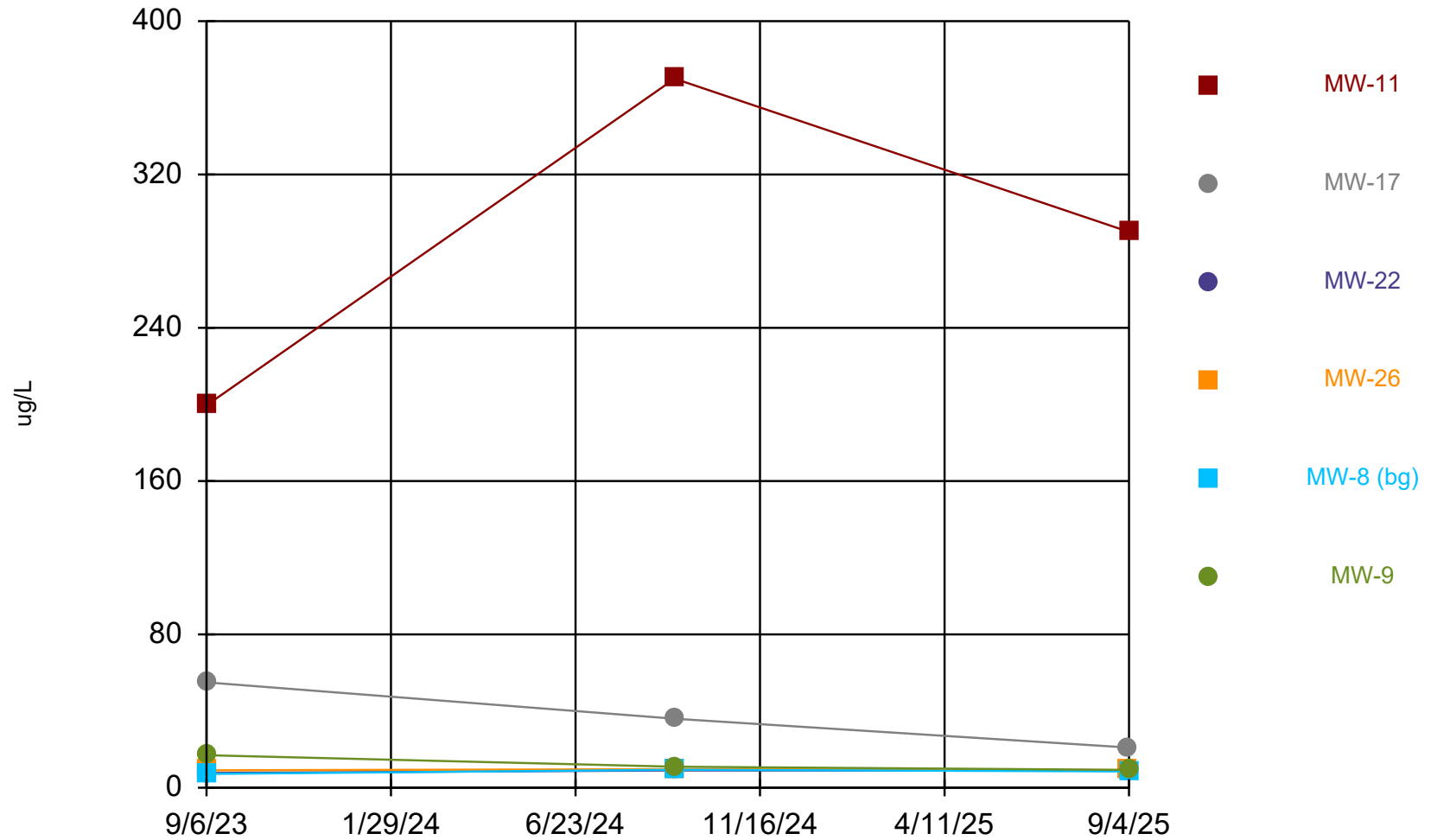
Time Series Analysis Run 3/4/2026 4:05 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Lead (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)
9/15/2016						<0.19
9/21/2016		<0.19			0.2 (J)	
9/22/2016	2.6		<0.19	<0.19		
9/9/2017						0.087 (J)
9/10/2017	7	0.8 (J)	1.6			
9/11/2017				0.07 (J)	0.12 (J)	
9/20/2018		0.5 (J)	3.3	2		0.17 (J)
9/21/2018					0.14 (J)	
9/24/2018	<0.12					
9/18/2019	0.72	<0.27	2.2			
9/19/2019				6.4	<0.27	0.56
9/10/2020	0.18 (J)					
9/11/2020		0.35 (J)	3.1			0.49 (J)
9/14/2020					<0.11	
9/15/2020				<0.11		
9/16/2021					<0.21	<0.21
9/21/2021			4.2	0.45 (J)		
9/22/2021	0.39 (J)					
9/13/2022	0.3 (J)					
9/14/2022			1.1	<0.24	<0.24	<0.24
9/6/2023			1.4			
9/7/2023	0.47 (J)			0.31 (J)	0.3 (J)	0.28 (J)
9/10/2024	0.74		0.59	<0.26	0.37 (J)	
9/11/2024						0.31 (J)
9/3/2025			<0.33 (U)	<0.33 (U)	<0.33 (U)	
9/4/2025	0.63					<0.33 (U)

Lithium



Time Series Analysis Run 3/4/2026 4:05 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

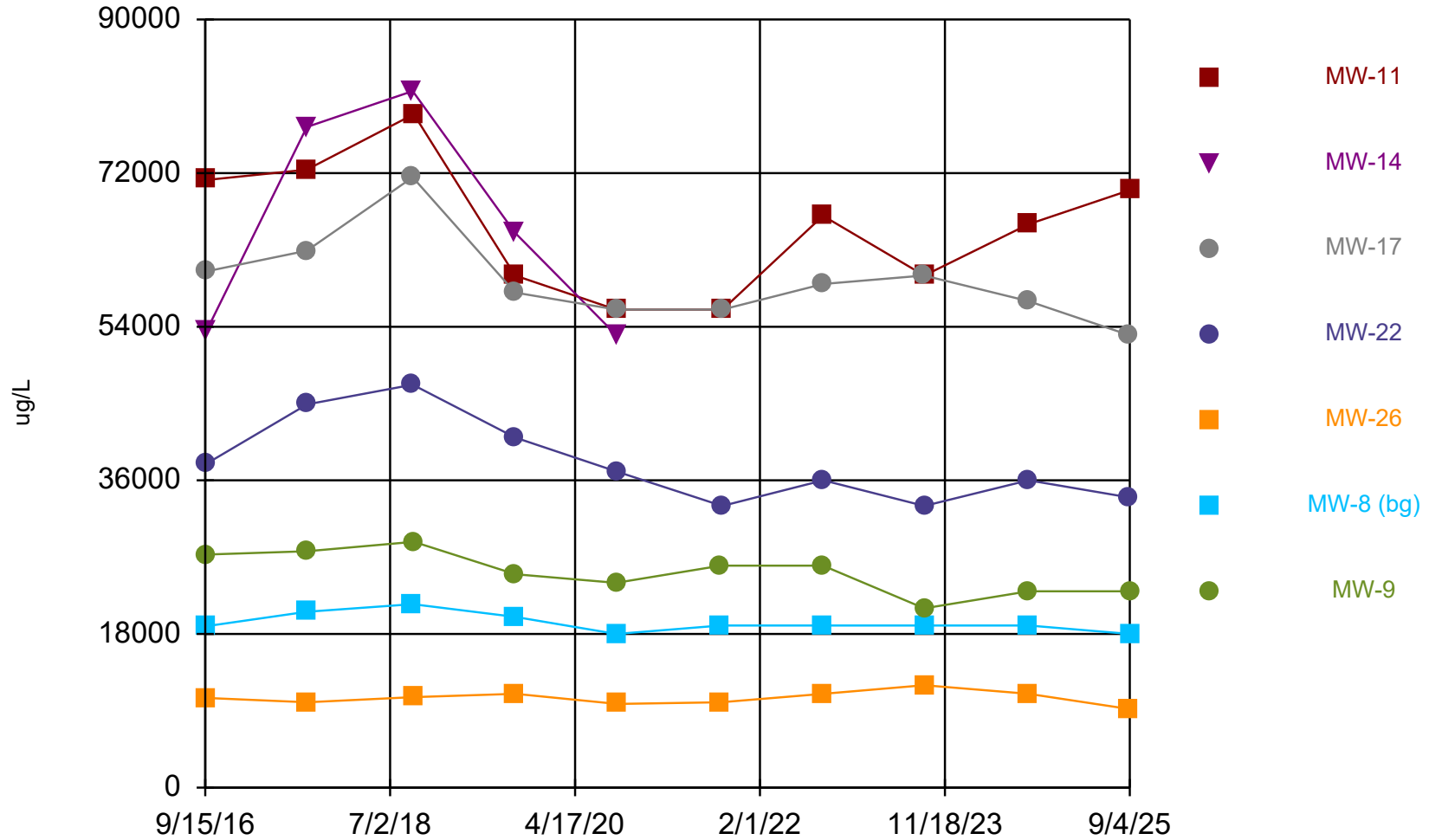
Time Series

Constituent: Lithium (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/6/2023		55				
9/7/2023	200		7.7 (J)	9.1 (J)	7.2 (J)	17
9/10/2024	370	36	9 (J)	9.7 (J)		11
9/11/2024					9.4 (J)	
9/3/2025		21	8.9 (J)	9.2 (J)		
9/4/2025	290				8.5 (J)	9.3 (J)

Magnesium



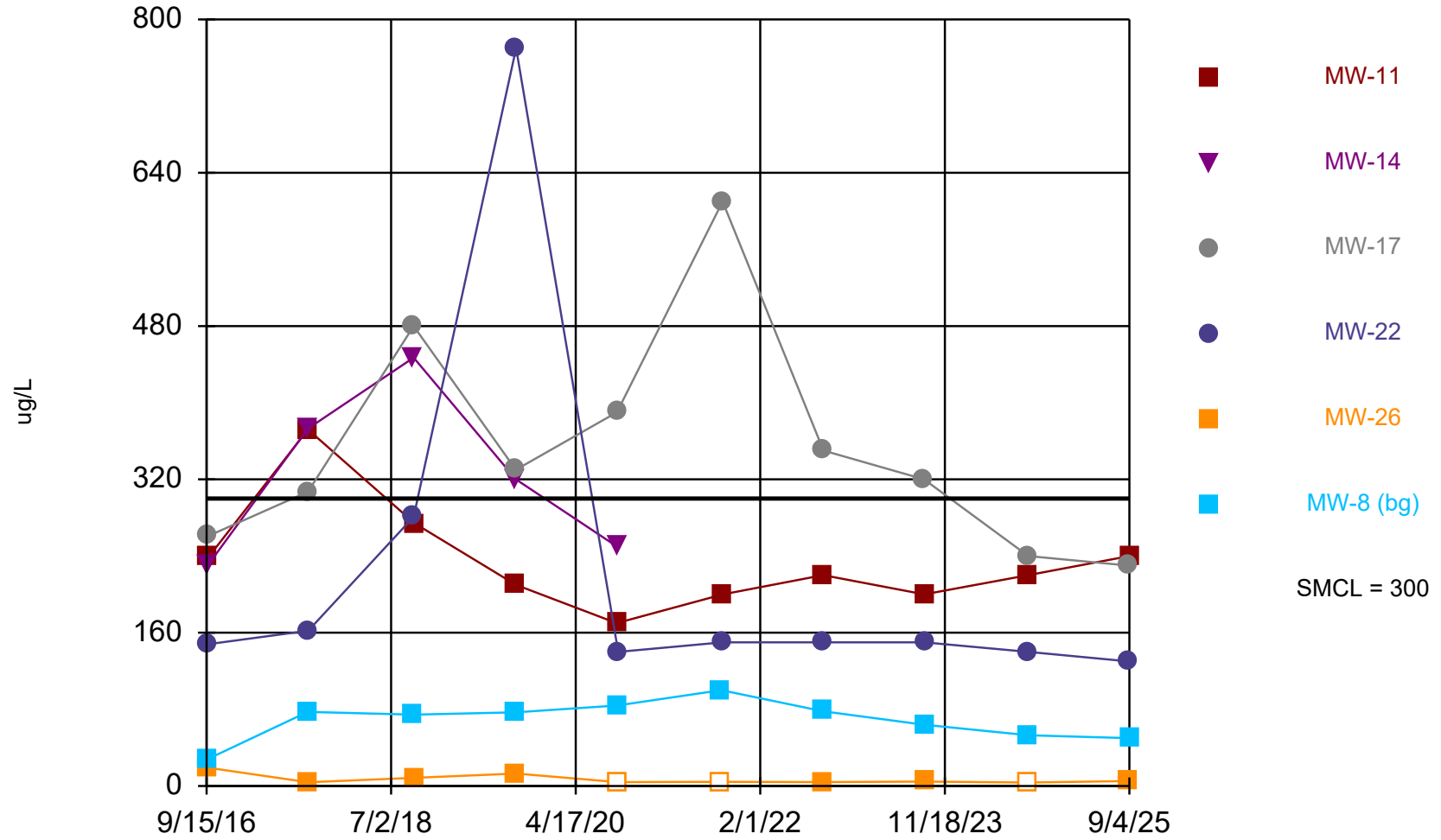
Time Series Analysis Run 3/4/2026 4:05 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Magnesium (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/15/2016						18900	
9/16/2016							27300
9/21/2016		53600			10500		
9/22/2016	71200		60500	38000			
9/9/2017						20600	
9/10/2017	72400	77400	62900				
9/11/2017				44900	10000		27700
9/20/2018		81600	71500	47200		21500	
9/21/2018					10600		
9/24/2018	78900						28800
9/18/2019	60000	65000	58000				
9/19/2019				41000	11000	20000	25000
9/10/2020	56000						24000
9/11/2020		53000	56000			18000	
9/14/2020					9800		
9/15/2020				37000			
9/16/2021					10000	19000	26000
9/21/2021			56000	33000			
9/22/2021	56000						
9/13/2022	67000						26000
9/14/2022			59000	36000	11000	19000	
9/6/2023			60000				
9/7/2023	60000			33000	12000	19000	21000
9/10/2024	66000		57000	36000	11000		23000
9/11/2024						19000	
9/3/2025			53000	34000	9200		
9/4/2025	70000					18000	23000

Manganese



Time Series Analysis Run 3/4/2026 4:05 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

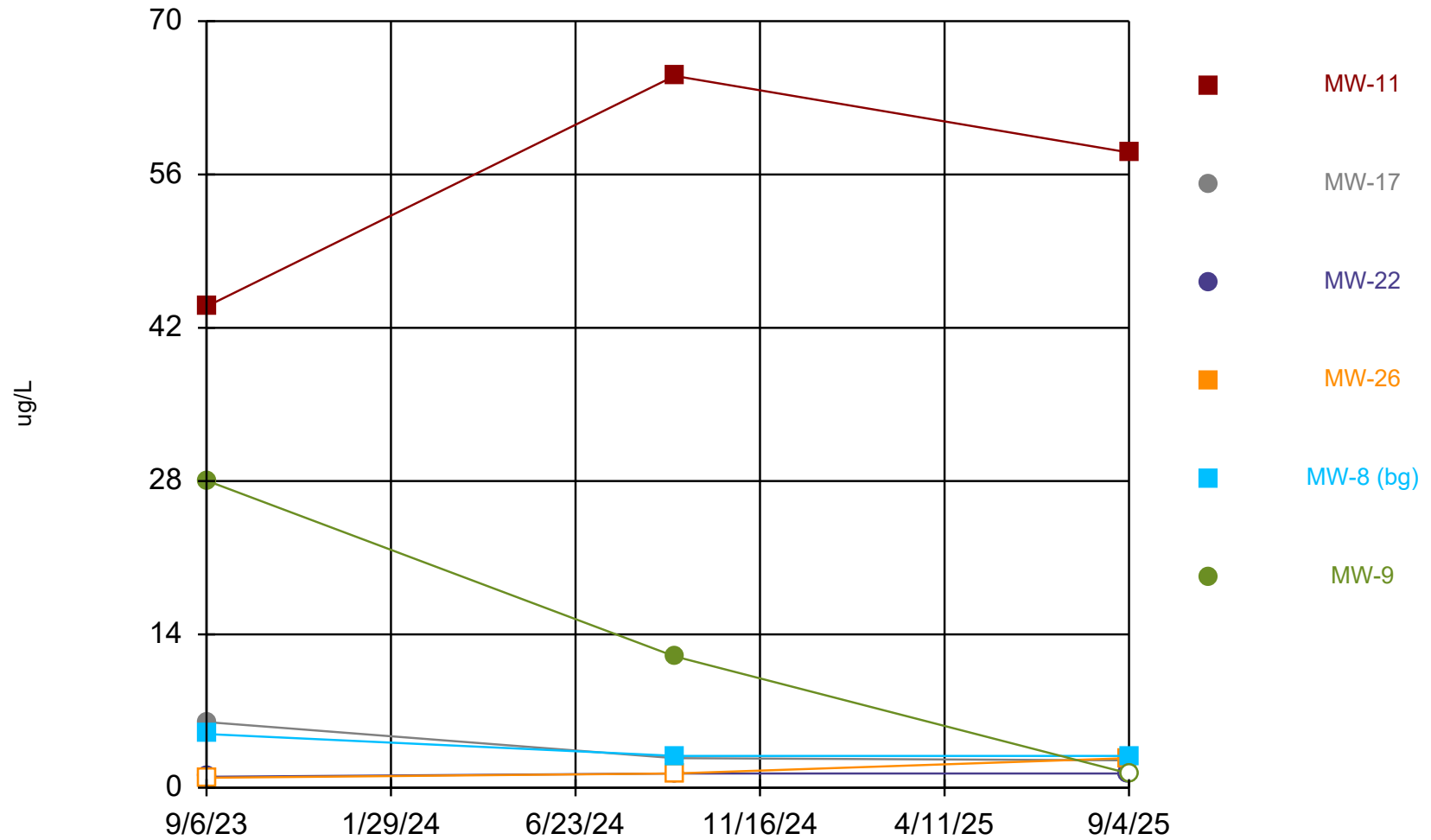
Time Series

Constituent: Manganese (ug/L) Analysis Run 3/4/2026 4:07 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)
9/15/2016						27.6
9/21/2016		231			19.1	
9/22/2016	239		261	148		
9/9/2017						77.4
9/10/2017	372	373	307			
9/11/2017				162	3.9	
9/20/2018		447	480	281		74.5
9/21/2018					8.6	
9/24/2018	274					
9/18/2019	210	320	330			
9/19/2019				770	13	77
9/10/2020	170					
9/11/2020		250	390			84
9/14/2020					<4	
9/15/2020				140		
9/16/2021					<4.4	100
9/21/2021			610	150		
9/22/2021	200					
9/13/2022	220					
9/14/2022			350	150	4 (J)	78
9/6/2023			320			
9/7/2023	200			150	4.7 (J)	64
9/10/2024	220		240	140	<3.6	
9/11/2024						53
9/3/2025			230	130	5.2 (J)	
9/4/2025	240					50

Molybdenum



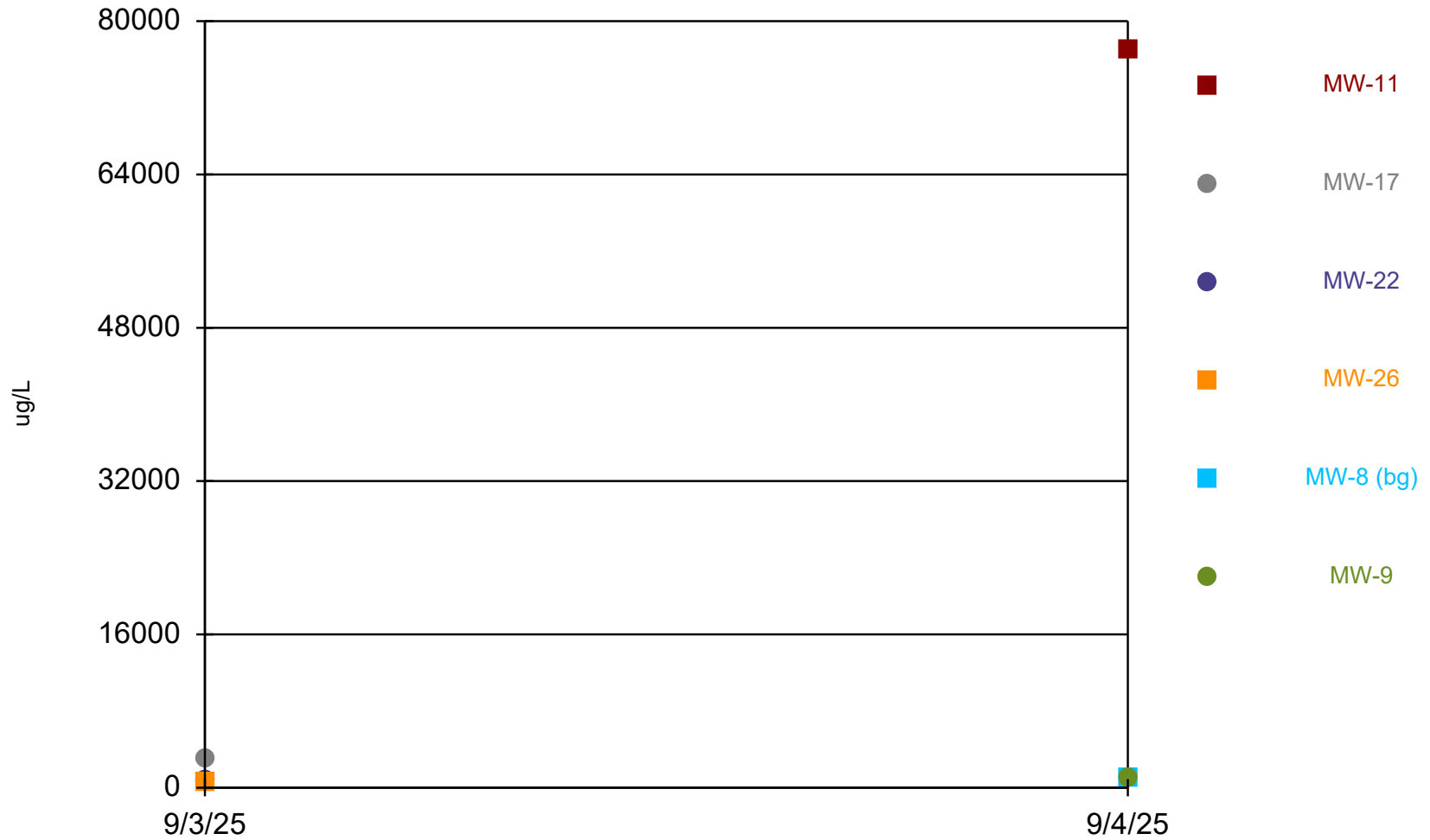
Time Series Analysis Run 3/4/2026 4:06 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Molybdenum (ug/L) Analysis Run 3/4/2026 4:08 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/6/2023		6				
9/7/2023	44		1 (J)	<0.91 (U)	4.9	28
9/10/2024	65	2.7	<1.3	<1.3		12
9/11/2024					2.9	
9/3/2025		2.5	<1.3 (U)	2.7		
9/4/2025	58				2.9	<1.3 (U)

Potassium



Time Series Analysis Run 3/4/2026 4:06 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

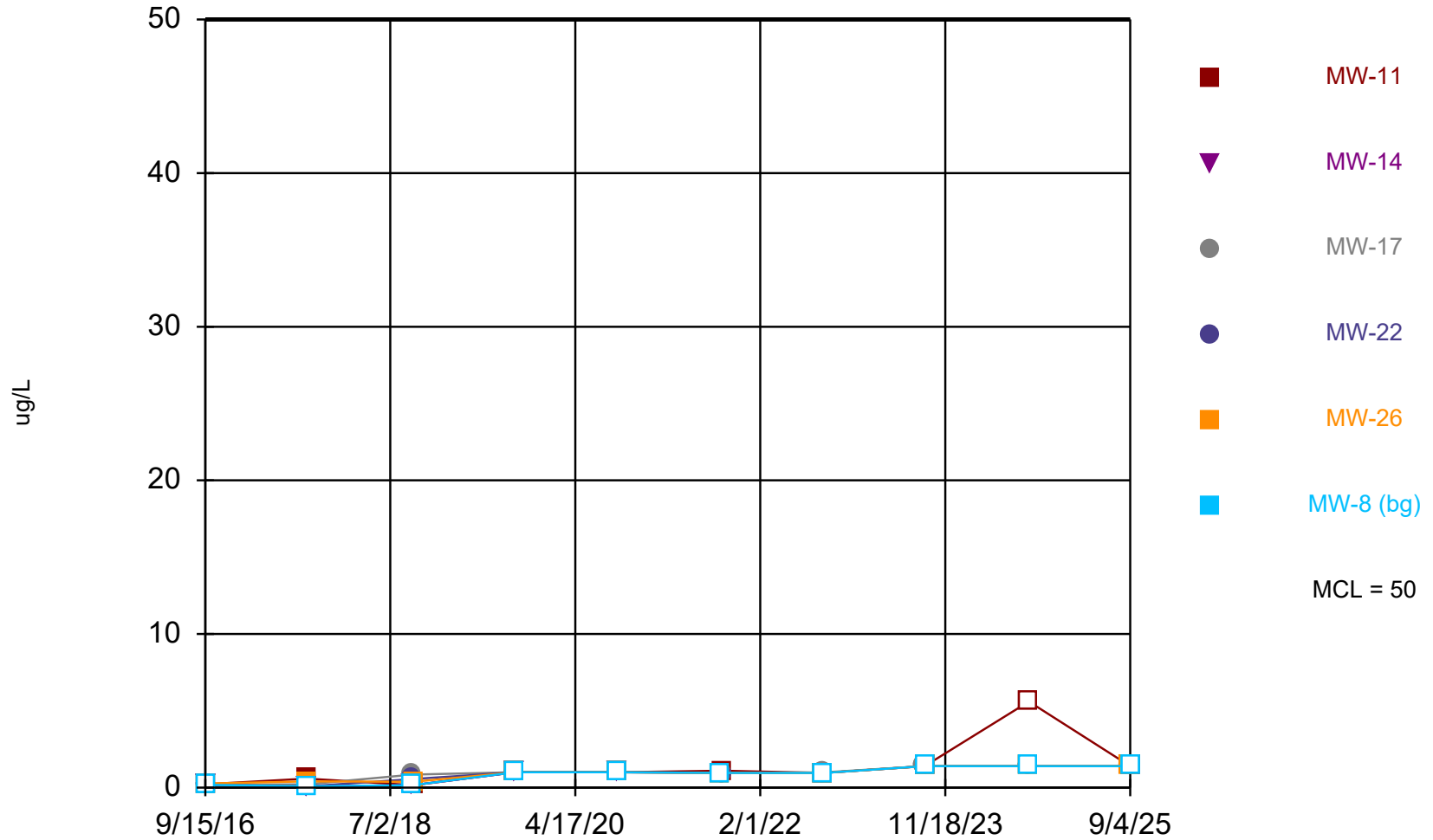
Time Series

Constituent: Potassium (ug/L) Analysis Run 3/4/2026 4:08 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/3/2025		3100	740	470 (J)		
9/4/2025	77000				1100	1000

Selenium



Time Series Analysis Run 3/4/2026 4:06 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

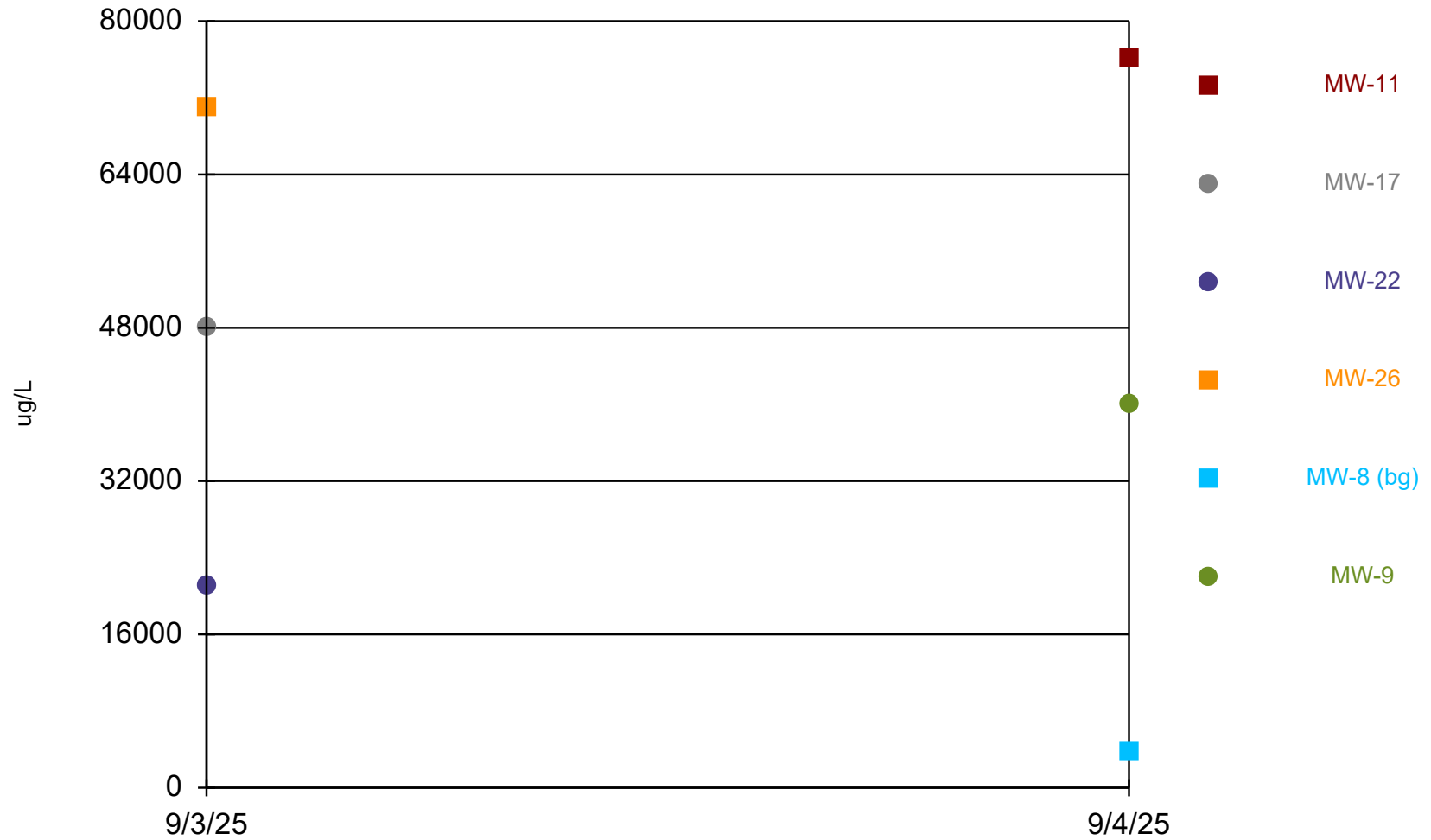
Time Series

Constituent: Selenium (ug/L) Analysis Run 3/4/2026 4:08 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)
9/15/2016						<0.18
9/21/2016		<0.18			0.27 (J)	
9/22/2016	0.23 (J)		<0.18	<0.18		
9/9/2017						<0.086
9/10/2017	0.59 (J)	<0.086	0.22 (J)			
9/11/2017				<0.086	0.41 (J)	
9/20/2018		<0.16	0.85 (J)	0.56 (J)		<0.16
9/21/2018					0.38 (J)	
9/24/2018	<0.16					
9/18/2019	<1	<1	<1			
9/19/2019				<1	<1	<1
9/10/2020	<1					
9/11/2020		<1	<1			<1
9/14/2020					<1	
9/15/2020				<1		
9/16/2021					<0.96	<0.96
9/21/2021			<0.96	<0.96		
9/22/2021	1.1 (J)					
9/13/2022	<0.96					
9/14/2022			0.99 (J)	<0.96	<0.96	<0.96
9/6/2023			<1.4 (U)			
9/7/2023	<1.4 (U)			<1.4 (U)	<1.4 (U)	<1.4 (U)
9/10/2024	<5.6		<1.4	<1.4	<1.4	
9/11/2024						<1.4
9/3/2025			<1.4 (U)	<1.4 (U)	<1.4 (U)	
9/4/2025	<1.4 (U)					<1.4 (U)

Sodium



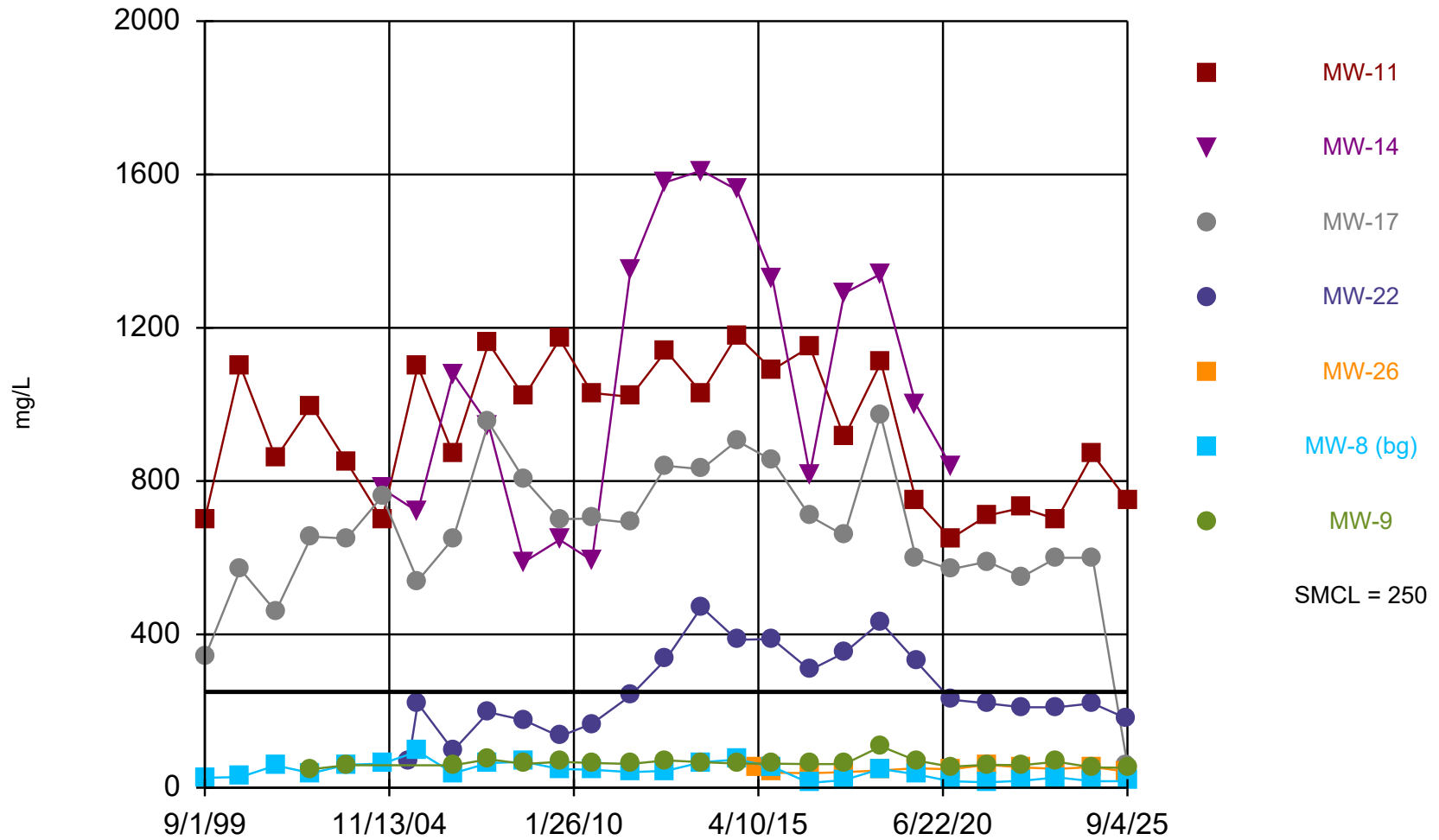
Time Series Analysis Run 3/4/2026 4:06 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Sodium (ug/L) Analysis Run 3/4/2026 4:08 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/3/2025		48000	21000	71000		
9/4/2025	76000				3700	40000

Sulfate



Time Series Analysis Run 3/4/2026 4:06 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

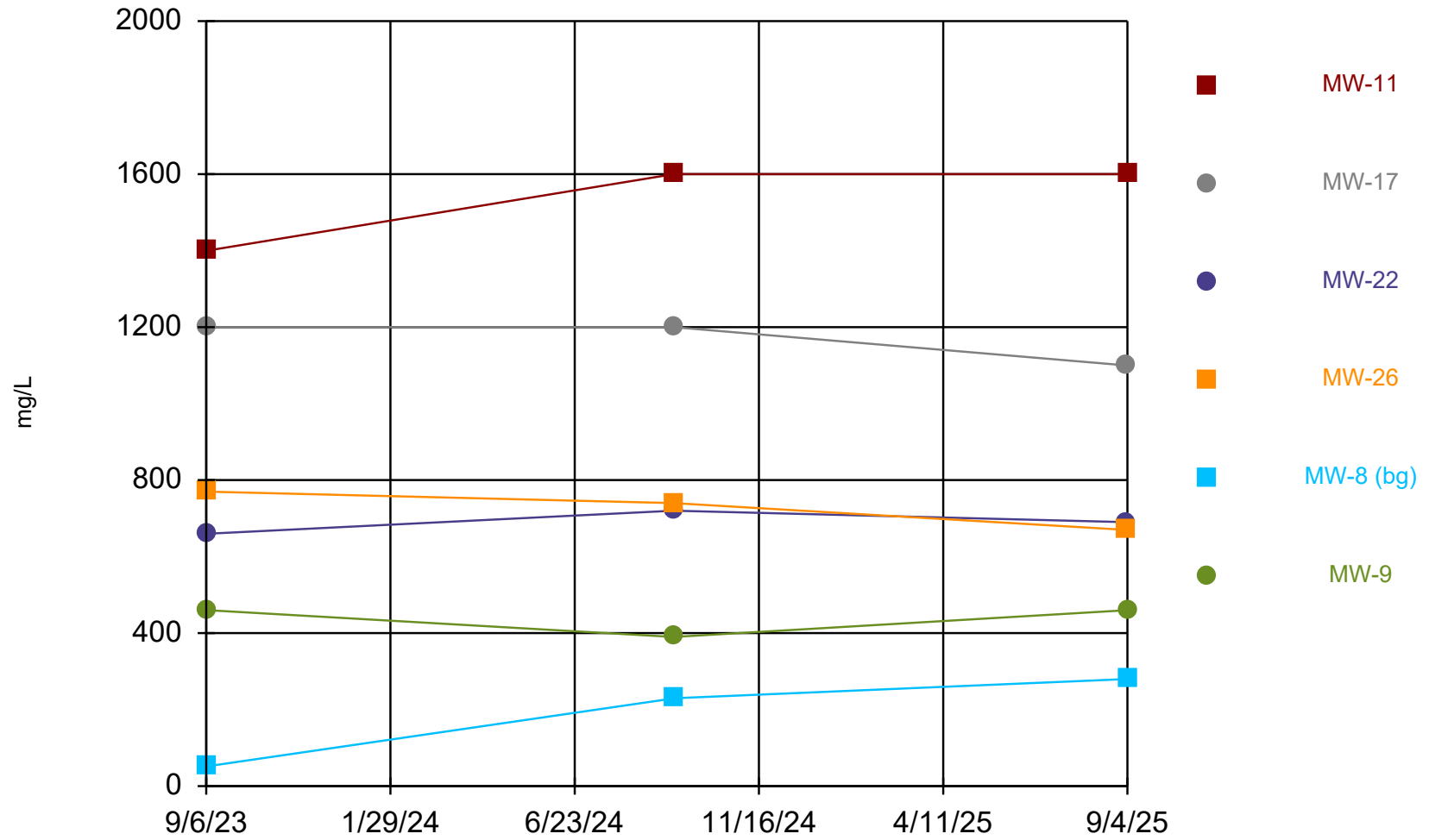
Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/4/2026 4:08 PM View: Intermediate

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/1/1999	700		340			26	
9/1/2000	1100		570			28	
9/1/2001	860		460			58	
9/1/2002	997		655			37.8	48.4
9/1/2003	850		650			60	59
9/1/2004	700	780	760			63	
6/1/2005				70			
9/1/2005	1100	720	540	220		95	
9/1/2006	870	1080	650	97.2		38	58.5
9/1/2007	1160	947	953	197		64.1	74.2
9/1/2008	1020	589	804	176		67.7	62.2
9/1/2009	1170	647	701	134		48.6	67.6
8/1/2010	1030	593	702	167		47.1	64.7
9/1/2011	1020	1350	691	240		40.8	62.2
9/1/2012	1140	1580	840	335		44.1	71.3
9/1/2013	1030	1610	831	471		66.3	66.8
9/1/2014	1180	1560	905	386		73.5	63.2
4/1/2015					52.3		
9/1/2015	1090	1330	854	388	39.4	54.9	62.7
9/15/2016						12.7	
9/16/2016							61.7
9/21/2016		818			37.8		
9/22/2016	1150		708	307			
9/9/2017						19.9	
9/10/2017	914	1290	658				
9/11/2017				352	40.8		61.7
9/20/2018		1340	973	432		49.2	
9/21/2018					45		
9/24/2018	1110						108
9/18/2019	750	1000	600				
9/19/2019				330	51	35	71
9/10/2020	650						55
9/11/2020		840	570			17	
9/14/2020					48		
9/15/2020				230			
9/16/2021					60	14	60
9/21/2021			590	220			
9/22/2021	710						
9/13/2022	730						59
9/14/2022			550	210	53	18	
9/6/2023			600				
9/7/2023	700			210	49	27	68
9/10/2024	870		600	220	54		53
9/11/2024						17	
9/3/2025			61	180	42		
9/4/2025	750					17	52

Total Dissolved Solids



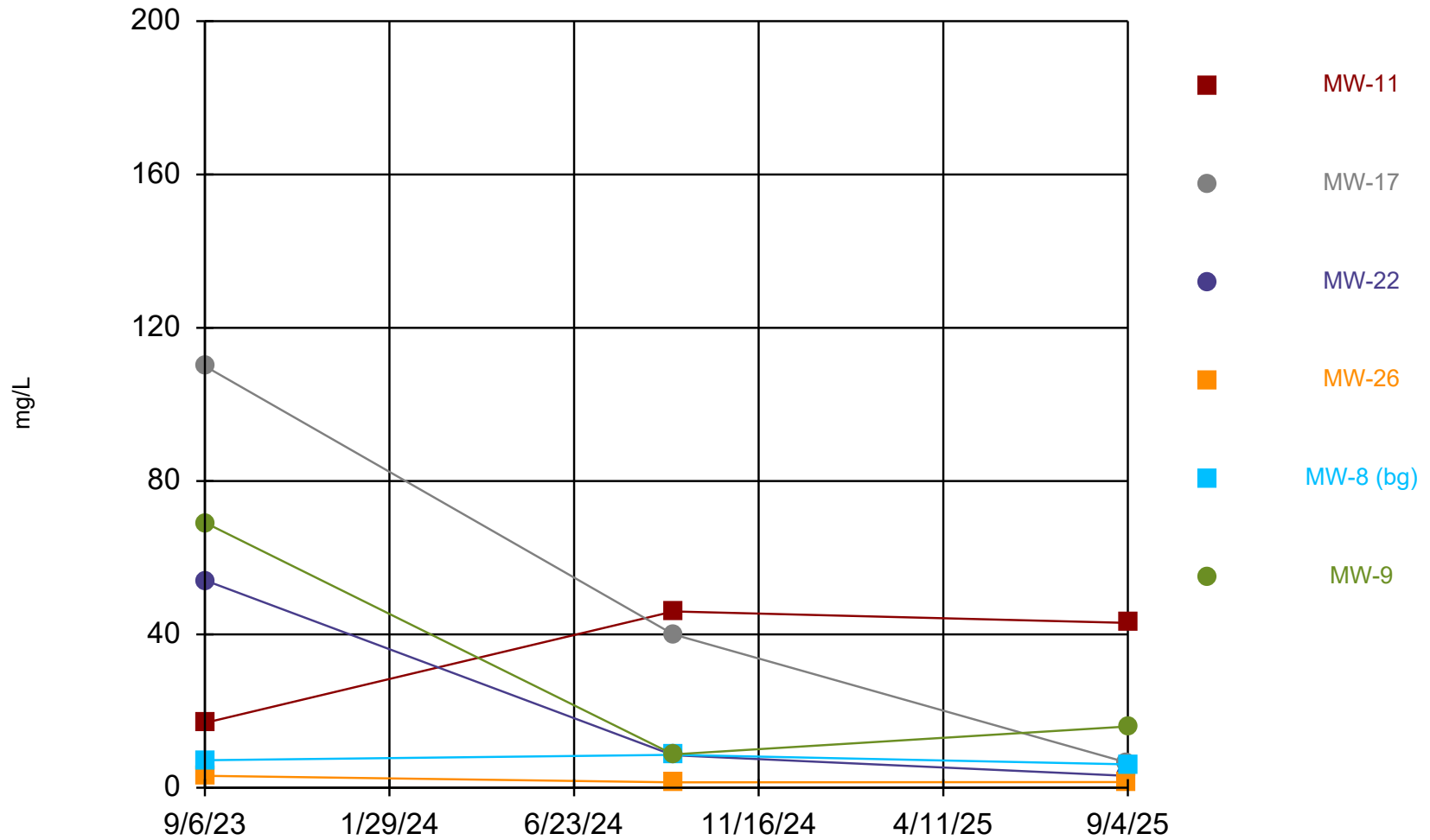
Time Series Analysis Run 3/4/2026 4:06 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2026 4:08 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/6/2023		1200				
9/7/2023	1400		660	770	52	460
9/10/2024	1600	1200	720	740		390
9/11/2024					230	
9/3/2025		1100	690	670		
9/4/2025	1600				280	460

Total Suspended Solids



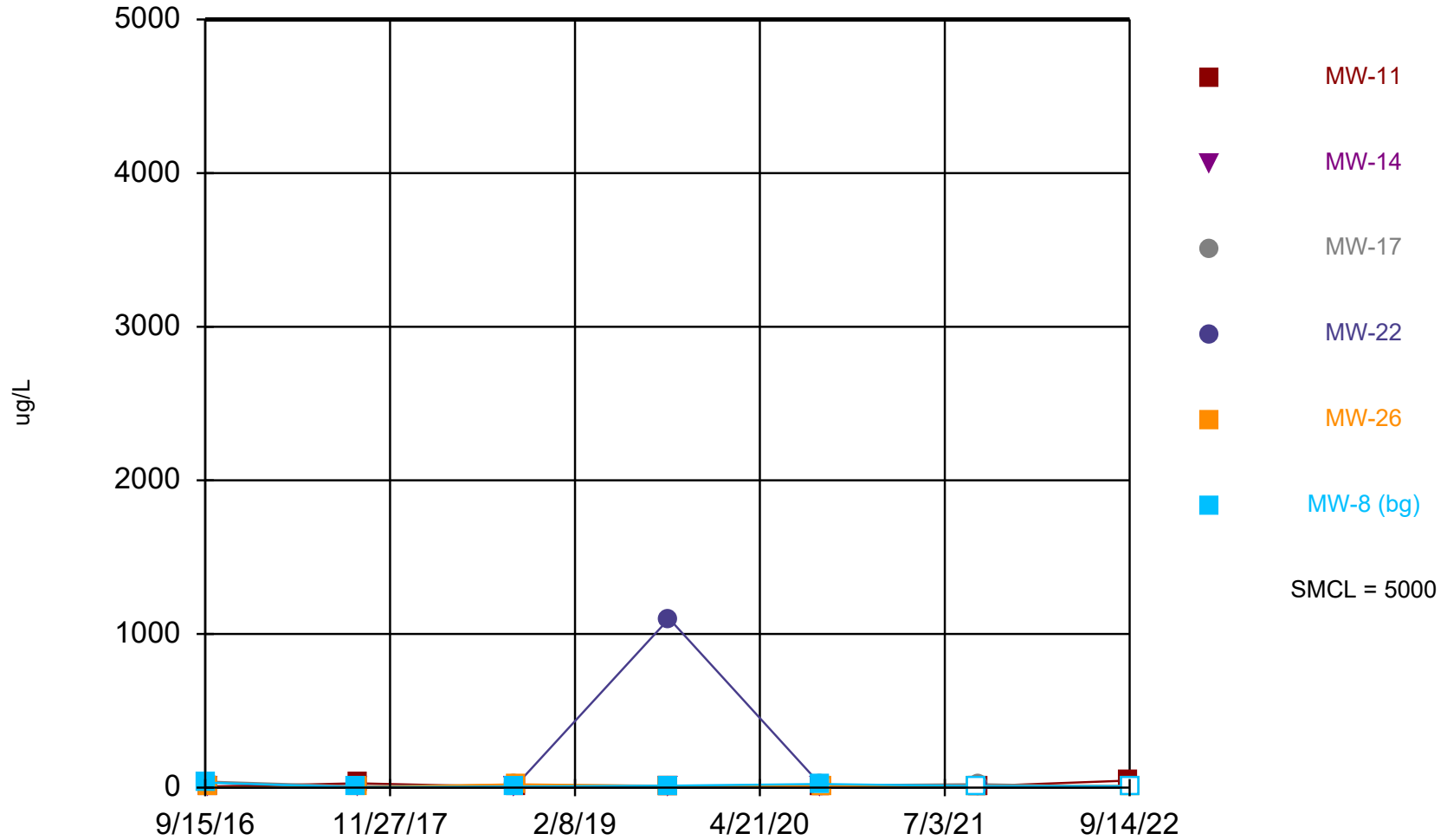
Time Series Analysis Run 3/4/2026 4:06 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Total Suspended Solids (mg/L) Analysis Run 3/4/2026 4:08 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-17	MW-22	MW-26	MW-8 (bg)	MW-9
9/6/2023		110				
9/7/2023	17		54	3.1	7.2	69
9/10/2024	46	40	8.5	1.4 (J)		8.7
9/11/2024					8.6	
9/3/2025		6.6	3.1	1.5 (J)		
9/4/2025	43				6.1	16

Zinc



Time Series Analysis Run 3/4/2026 4:06 PM View: Intermediate
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Zinc (ug/L) Analysis Run 3/4/2026 4:08 PM View: Intermediate
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11	MW-14	MW-17	MW-22	MW-26	MW-8 (bg)
9/15/2016						32.2
9/21/2016		0.94 (J)			1.4 (J)	
9/22/2016	7.5 (J)		38.7	2.5 (J)		
9/9/2017						1.8 (J)
9/10/2017	28.2	3.2 (J)	9.1 (J)			
9/11/2017				1.3 (J)	1.6 (J)	
9/20/2018		<3.7	18.4	11		7.6 (J)
9/21/2018					22.1	
9/24/2018	4.4 (J)					
9/18/2019	<10	<10	13 (J)			
9/19/2019				1100	<10	13 (J)
9/10/2020	<10					
9/11/2020		<10	15 (J)			24
9/14/2020					<10	
9/15/2020				<10		
9/16/2021					<10	<10
9/21/2021			23	<10		
9/22/2021	<10					
9/13/2022	46					
9/14/2022			<10	<10	<10	<10

Alkalinity as CaCO3



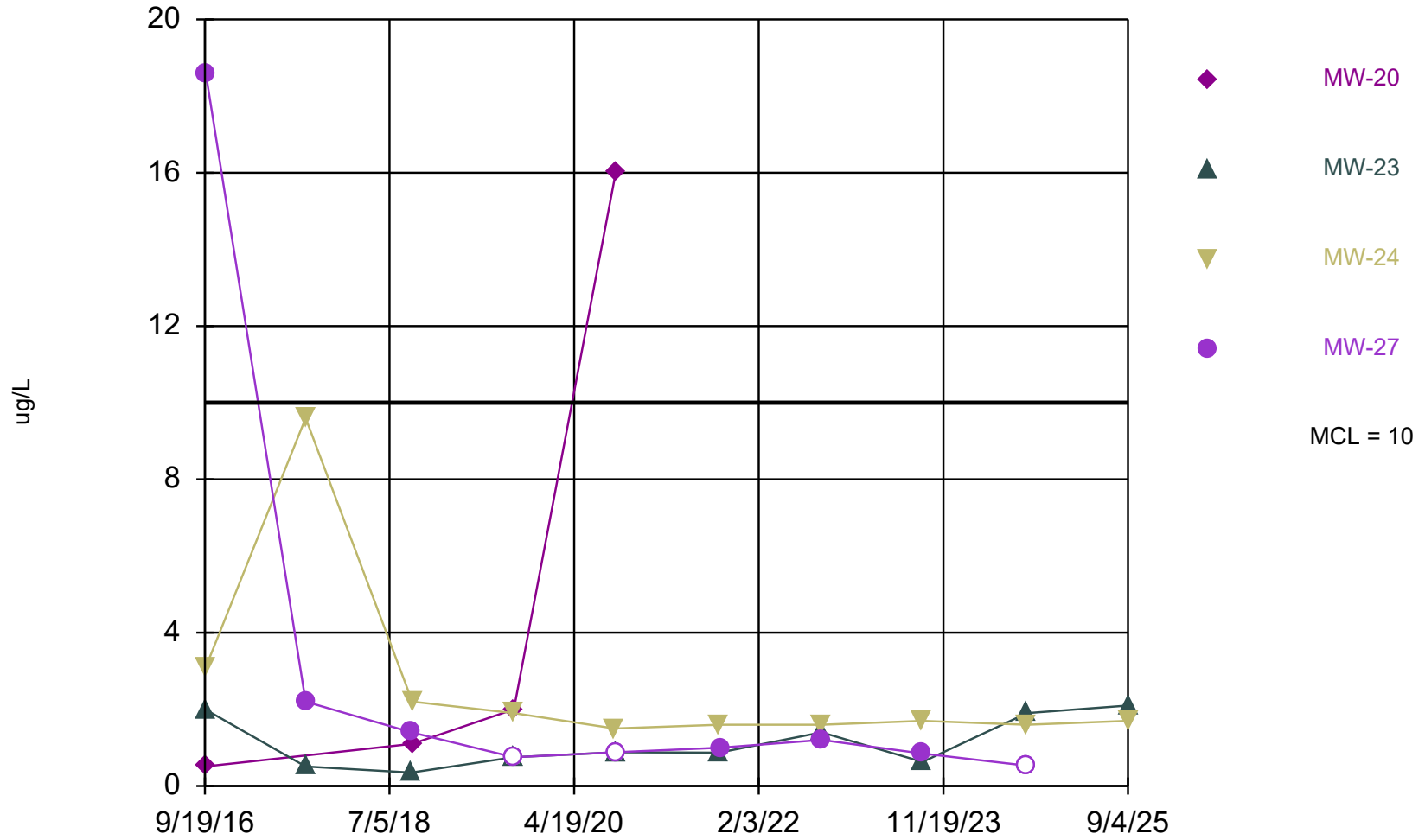
Time Series Analysis Run 3/4/2026 4:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Alkalinity as CaCO3 (mg/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24
9/3/2025			400		
9/4/2025	390	410		320	240

Arsenic



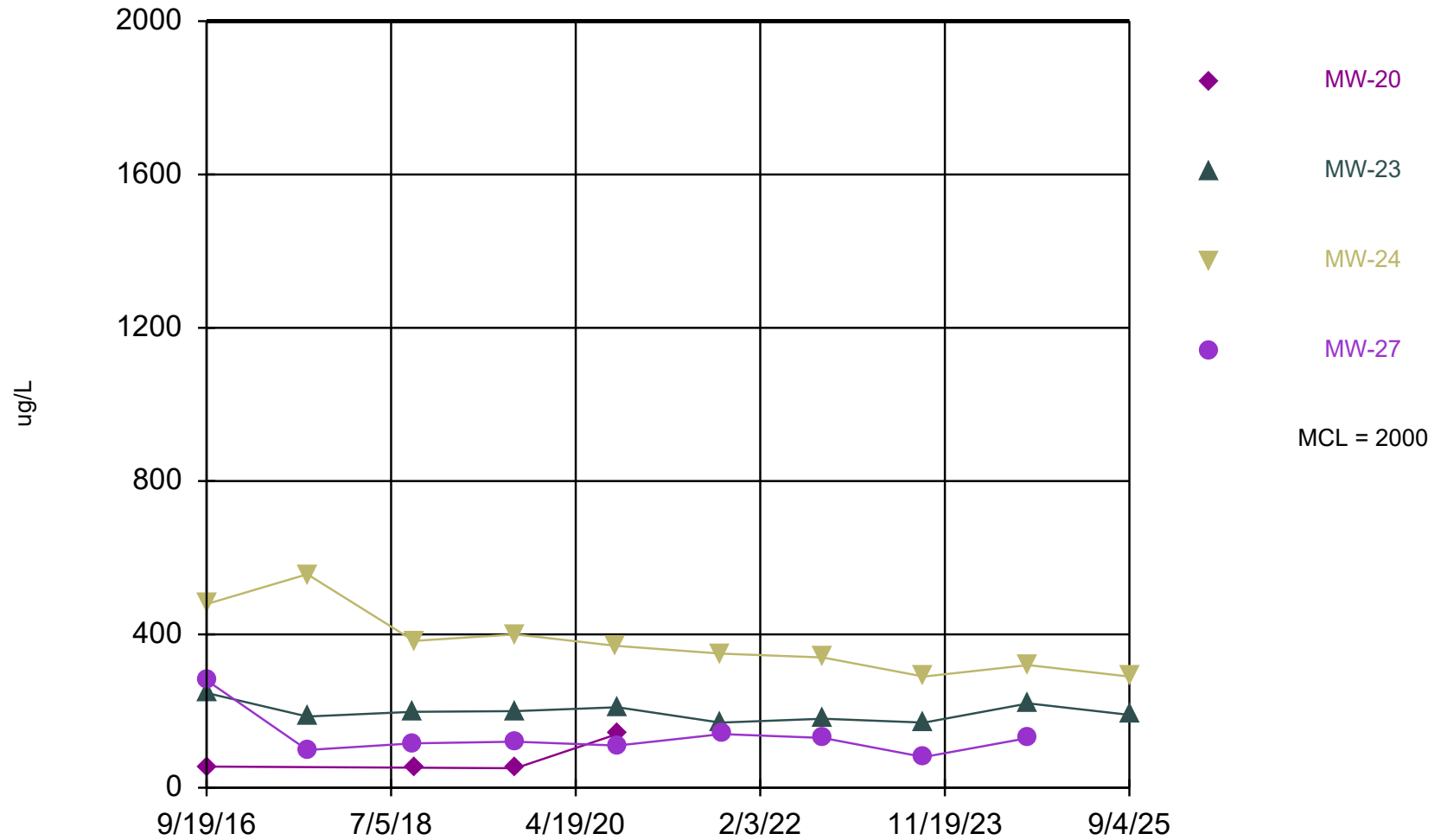
Time Series Analysis Run 3/4/2026 4:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Arsenic (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20	MW-23	MW-24	MW-27
9/19/2016	0.51 (J)			
9/20/2016		2		
9/22/2016			3.1	18.6
9/11/2017		0.51 (J)	9.6	2.2
9/20/2018		0.35 (J)		
9/21/2018				1.4
9/24/2018	1.1		2.2	
9/18/2019		<0.75		
9/19/2019	2		1.9 (J)	<0.75
9/10/2020			1.5 (J)	
9/14/2020	16			<0.88
9/15/2020		<0.88		
9/15/2021		0.87 (J)		
9/16/2021			1.6 (J)	
9/20/2021				1 (J)
9/13/2022			1.6 (J)	
9/14/2022		1.4 (J)		1.2 (J)
9/6/2023			1.7 (J)	0.85 (J)
9/7/2023		0.63 (J)		
9/10/2024			1.6 (J)	
9/11/2024		1.9 (J)		<0.53
9/4/2025		2.1	1.7 (J)	

Barium



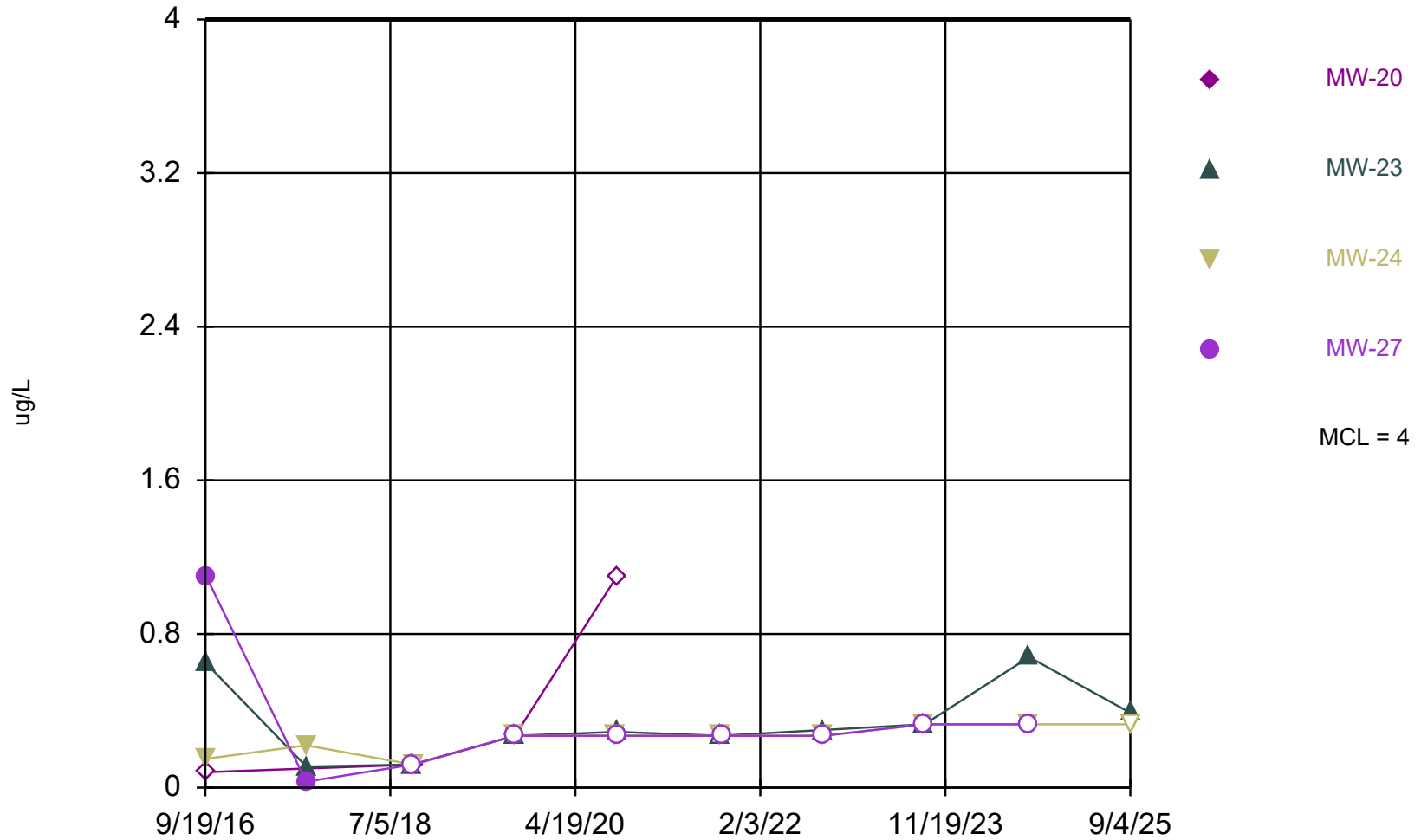
Time Series Analysis Run 3/4/2026 4:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Barium (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20	MW-23	MW-24	MW-27
9/19/2016	55.3			
9/20/2016		247		
9/22/2016			480	279
9/11/2017		186	557	98.4
9/20/2018		198		
9/21/2018				116
9/24/2018	52.5		383	
9/18/2019		200		
9/19/2019	51		400	120
9/10/2020			370	
9/14/2020	140			110
9/15/2020		210		
9/15/2021		170		
9/16/2021			350	
9/20/2021				140
9/13/2022			340 (B)	
9/14/2022		180 (B)		130 (B)
9/6/2023			290	80
9/7/2023		170		
9/10/2024			320	
9/11/2024		220		130
9/4/2025		190	290	

Beryllium



Time Series Analysis Run 3/4/2026 4:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Beryllium (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20	MW-23	MW-24	MW-27
9/19/2016	<0.08			
9/20/2016		0.65		
9/22/2016			0.15 (J)	1.1 (J)
9/11/2017		0.11 (J)	0.22 (J)	0.031 (J)
9/20/2018		<0.12		
9/21/2018				<0.12
9/24/2018	<0.12		<0.12	
9/18/2019		<0.27		
9/19/2019	<0.27		<0.27	<0.27
9/10/2020			<0.27	
9/14/2020	<1.1			<0.27
9/15/2020		0.29 (J)		
9/15/2021		<0.27		
9/16/2021			<0.27	
9/20/2021				<0.27
9/13/2022			<0.27	
9/14/2022		0.3 (J)		<0.27
9/6/2023			<0.33 (U)	<0.33 (U)
9/7/2023		<0.33 (U)		
9/10/2024			<0.33	
9/11/2024		0.68 (J)		<0.33
9/4/2025		0.39 (J)	<0.33 (U)	

Bicarbonate Alkalinity as CaCO3



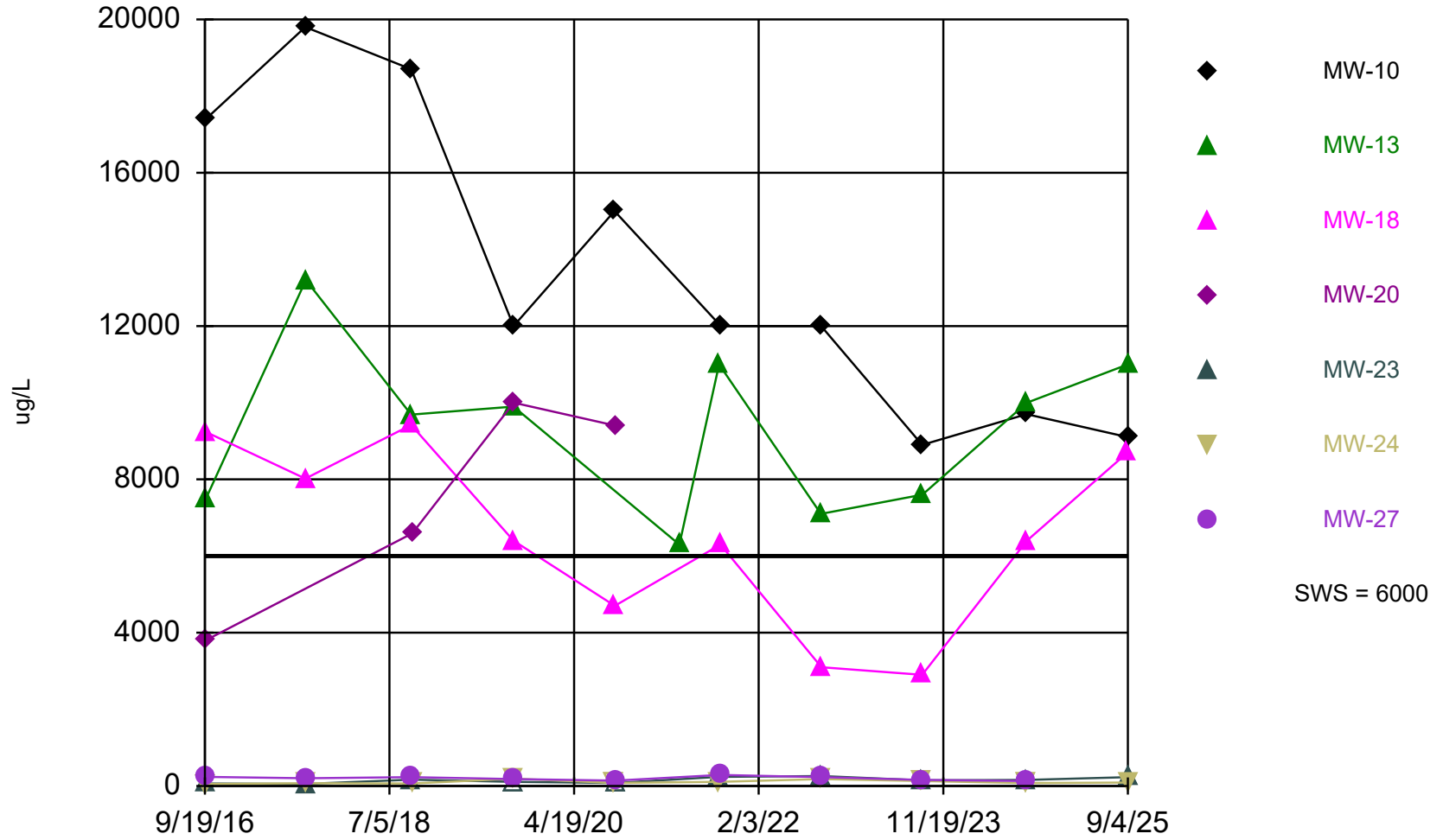
Time Series Analysis Run 3/4/2026 4:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Bicarbonate Alkalinity as CaCO3 (mg/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24
9/3/2025			400		
9/4/2025	390	410		320	240

Boron



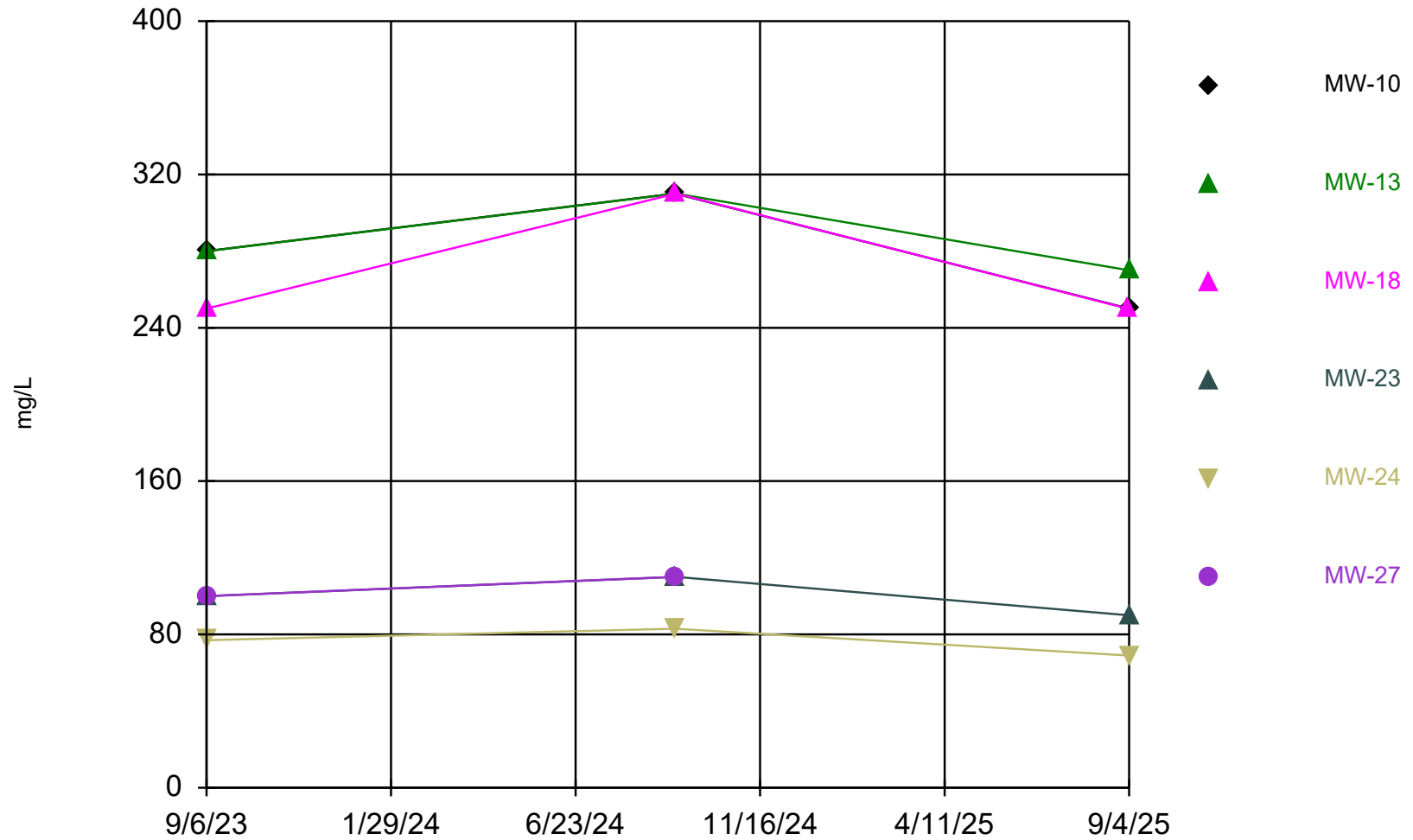
Time Series Analysis Run 3/4/2026 4:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Boron (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-20	MW-23	MW-24	MW-27
9/19/2016				3790			
9/20/2016					66.8 (J)		
9/21/2016		7470					
9/22/2016	17400		9240			<50	237
9/10/2017	19800		8020				
9/11/2017					53.6 (J)	72.7 (J)	203
9/12/2017		13200					
9/20/2018	18700	9690	9420		165		
9/21/2018							232
9/24/2018				6590		65.7 (J)	
9/18/2019	12000	9900	6400		<110		
9/19/2019				10000		190 (J)	180 (J)
9/10/2020	15000					<80	
9/11/2020			4700				
9/14/2020				9400			140
9/15/2020					<80		
4/28/2021		6300					
9/15/2021					240		
9/16/2021		11000				110	
9/20/2021							290
9/21/2021			6300				
9/22/2021	12000						
9/12/2022		7100					
9/13/2022	12000					180	
9/14/2022			3100		260		230
9/6/2023	8900		2900			130	160
9/7/2023		7600			150		
9/10/2024	9700					<76	
9/11/2024		10000	6400		160		130
9/3/2025			8700				
9/4/2025	9100	11000			230	92 (J)	

Calcium



Time Series Analysis Run 3/4/2026 4:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Calcium (mg/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24	MW-27
9/6/2023	280		250		77	100
9/7/2023		280		100		
9/10/2024	310				83	
9/11/2024		310	310	110		110
9/3/2025			250			
9/4/2025	250	270		90	69	

Carbonate Alkalinity as CaCO3

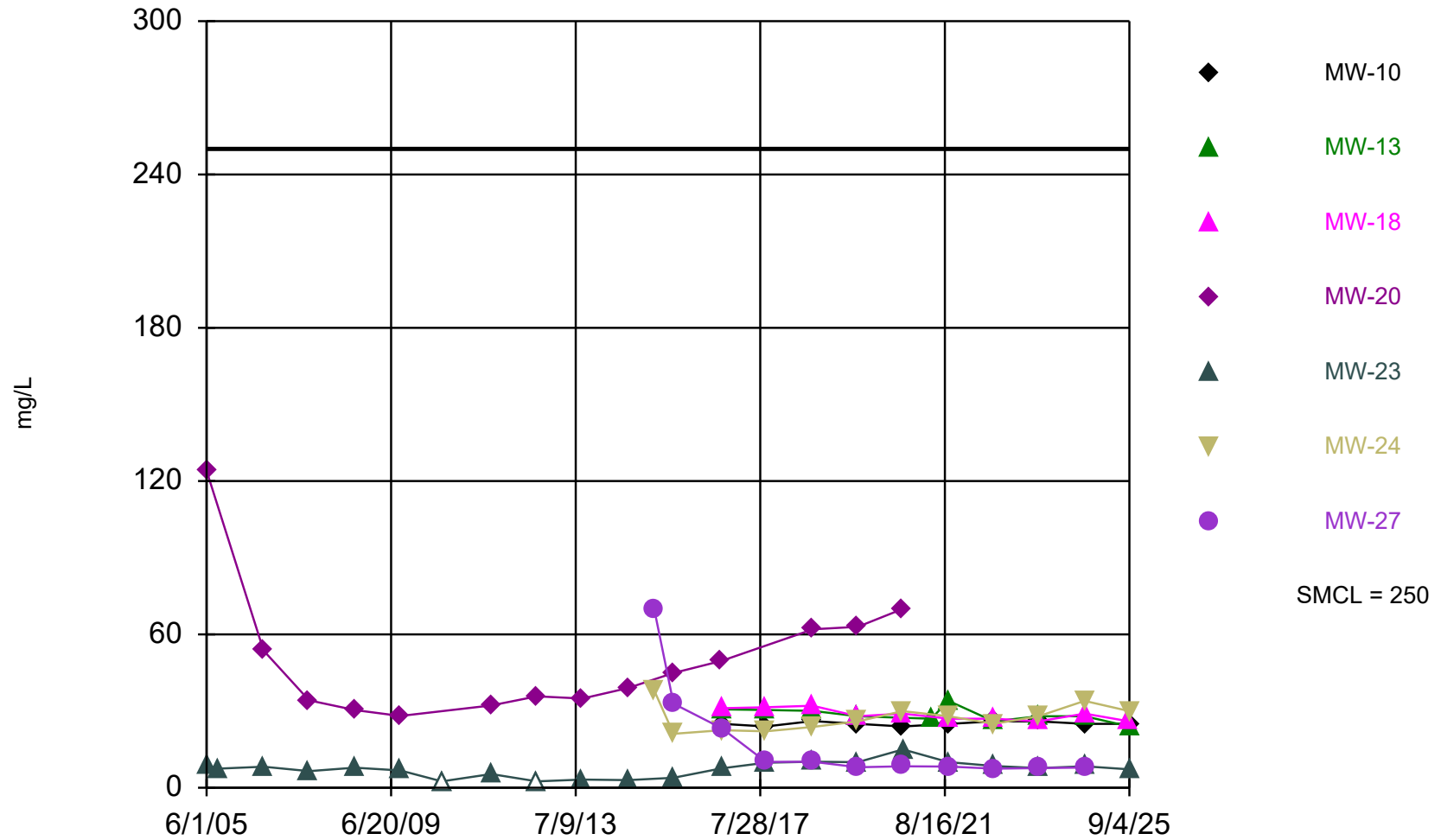


Time Series

Constituent: Carbonate Alkalinity as CaCO3 (mg/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24
9/3/2025			<2.5 (U)		
9/4/2025	<2.5 (U)	<2.5 (U)		<2.5 (U)	<2.5 (U)

Chloride



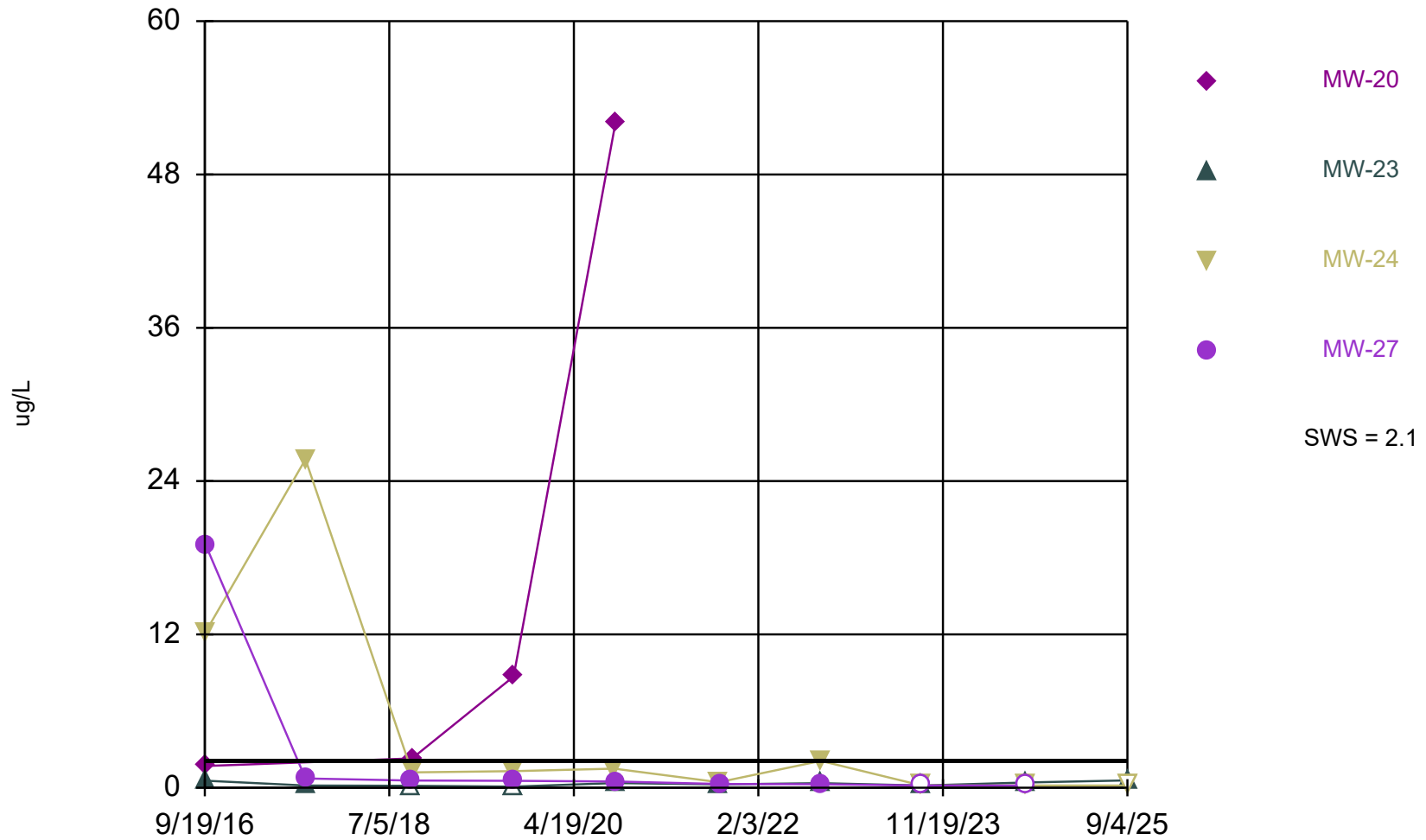
Time Series Analysis Run 3/4/2026 4:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/4/2026 4:12 PM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-20	MW-23	MW-24	MW-27
6/1/2005				124	9		
9/1/2005					7.5		
9/1/2006				53.7	8.23		
9/1/2007				34.2	6.49		
9/1/2008				30.4	7.83		
9/1/2009				28.1	6.78		
8/1/2010					<5		
9/1/2011				32.2	5.38		
9/1/2012				35.8	<5		
9/1/2013				34.9	3.2		
9/1/2014				39	3		
4/1/2015						37.9	69.5
9/1/2015				44.9	3.9	21.1	32.9
9/19/2016				49.6			
9/20/2016					7.6		
9/21/2016		30.7					
9/22/2016	25		31.1			22.5	23.3
9/10/2017	24		31.5				
9/11/2017					9.8	22.1	10.1
9/12/2017		30.4					
9/20/2018	26.1	30.1	32.1		10.2		
9/21/2018							10.2
9/24/2018				62		23.8	
9/18/2019	25	28	28		10		
9/19/2019				63		26	8
9/10/2020	24					30	
9/11/2020			29				
9/14/2020				70			8.4
9/15/2020					15		
4/28/2021		27					
9/15/2021					10		
9/16/2021		34				28	
9/20/2021							8.3
9/21/2021			27				
9/22/2021	25						
9/12/2022		26					
9/13/2022	26					25	
9/14/2022			27		8.5		7.5
9/6/2023	26		26			28	7.7
9/7/2023		28			7.7		
9/10/2024	25					34	
9/11/2024		28	29		8.4		7.9
9/3/2025			26				
9/4/2025	25	24			7.2	30	

Cobalt



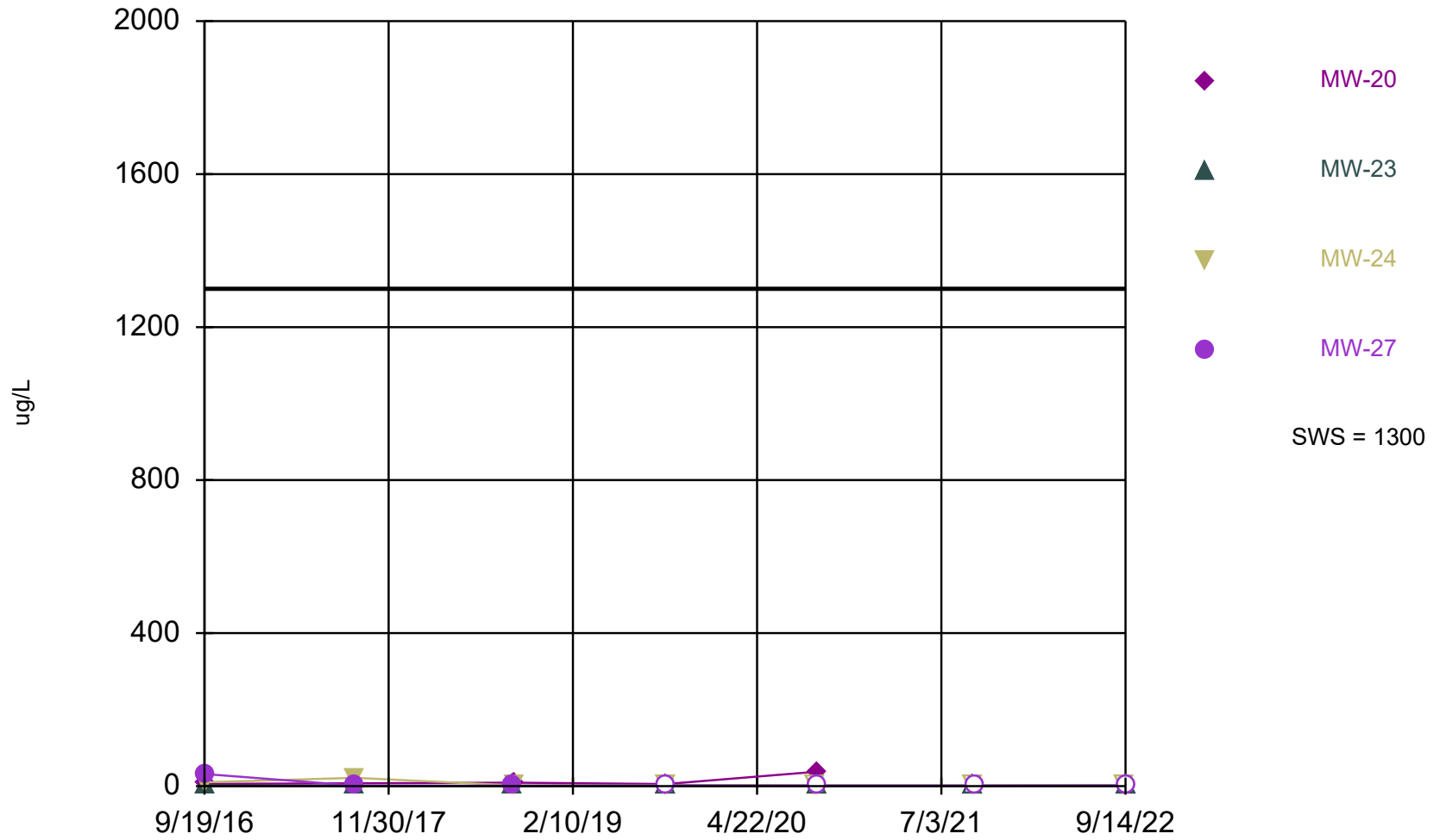
Time Series Analysis Run 3/4/2026 4:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Cobalt (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20	MW-23	MW-24	MW-27
9/19/2016	1.7			
9/20/2016		0.55 (J)		
9/22/2016			12.2	19
9/11/2017		0.17 (J)	25.7	0.73 (J)
9/20/2018		<0.15		
9/21/2018				0.56 (J)
9/24/2018	2.3		1.2	
9/18/2019		<0.091		
9/19/2019	8.7		1.3	0.54
9/10/2020			1.5	
9/14/2020	52			0.49 (J)
9/15/2020		0.37 (J)		
9/15/2021		0.26 (J)		
9/16/2021			0.43 (J)	
9/20/2021				0.29 (J)
9/13/2022			2.1	
9/14/2022		0.36 (J)		0.27 (J)
9/6/2023			<0.17 (U)	<0.17 (U)
9/7/2023		0.17 (J)		
9/10/2024			<0.17	
9/11/2024		0.41 (J)		<0.17
9/4/2025		0.57	<0.17 (U)	

Copper



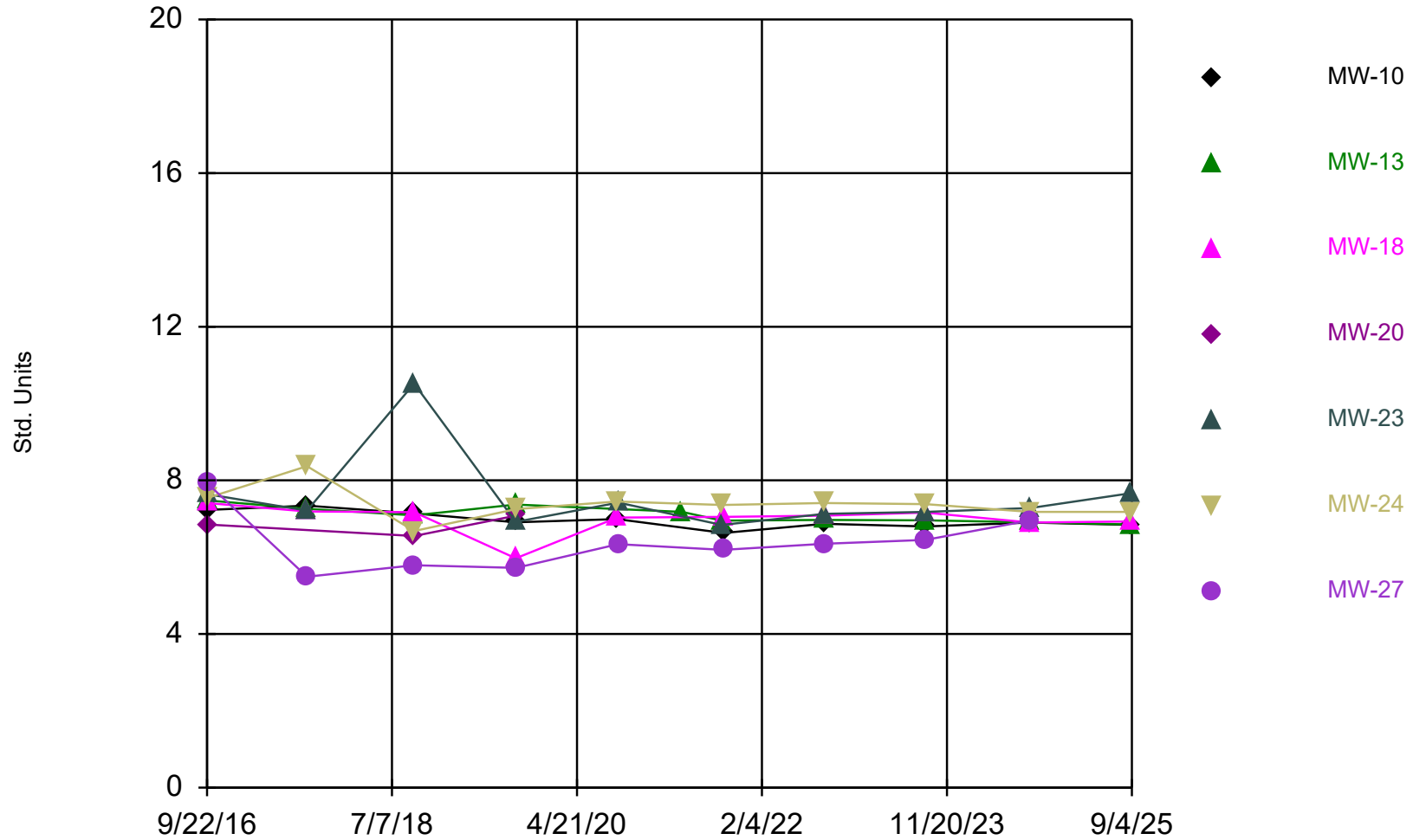
Time Series Analysis Run 3/4/2026 4:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Copper (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20	MW-23	MW-24	MW-27
9/19/2016	5.7			
9/20/2016		1.9		
9/22/2016			10.1	31.4
9/11/2017		0.58 (J)	21.7	1.6
9/20/2018		0.6 (J)		
9/21/2018				1.3
9/24/2018	9		1.7	
9/18/2019		<2		
9/19/2019	5.3		<2	<2
9/10/2020			<1.5	
9/14/2020	38			<1.5
9/15/2020		<1.5		
9/15/2021		<1.4		
9/16/2021			<1.4	
9/20/2021				<1.4
9/13/2022			<1.8	
9/14/2022		<1.8		<1.8

Field pH



Time Series Analysis Run 3/4/2026 4:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

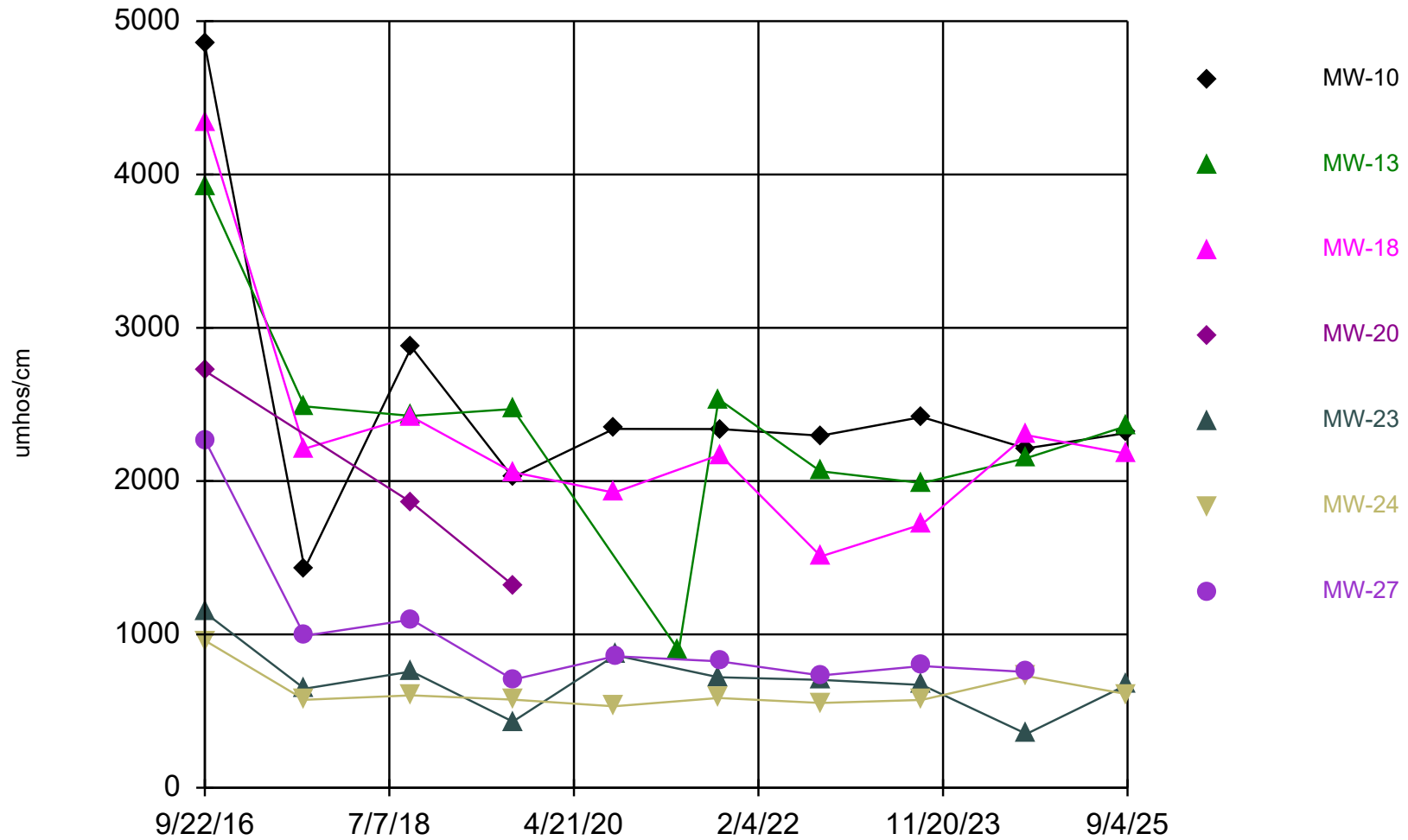
Time Series

Constituent: Field pH (Std. Units) Analysis Run 3/4/2026 4:12 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-20	MW-23	MW-24	MW-27
9/22/2016	7.23	7.48	7.41	6.85	7.64	7.54	7.93
9/10/2017	7.34	7.26	7.19		7.21	8.37	5.49
9/24/2018	7.14	7.09	7.17	6.55	10.52	6.68	5.79
9/18/2019	6.91	7.37	5.97		6.92		
9/19/2019				7.08		7.25	5.72
9/10/2020	6.99					7.45	
9/11/2020			7.03				
9/14/2020							6.34
9/15/2020					7.42		
4/28/2021		7.18					
9/15/2021					6.84		
9/16/2021		6.95				7.36	
9/20/2021							6.19
9/21/2021			7.05				
9/22/2021	6.63						
9/12/2022		6.97					
9/13/2022	6.87					7.41	
9/14/2022			7.08		7.13		6.35
9/6/2023	6.8		7.16			7.38	6.45
9/7/2023		6.96			7.18		
9/10/2024	6.9					7.18	
9/11/2024		6.91	6.9		7.28		6.96
9/3/2025			6.93				
9/4/2025	6.84	6.85			7.67	7.18	

Field Specific Conductance



Time Series Analysis Run 3/4/2026 4:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

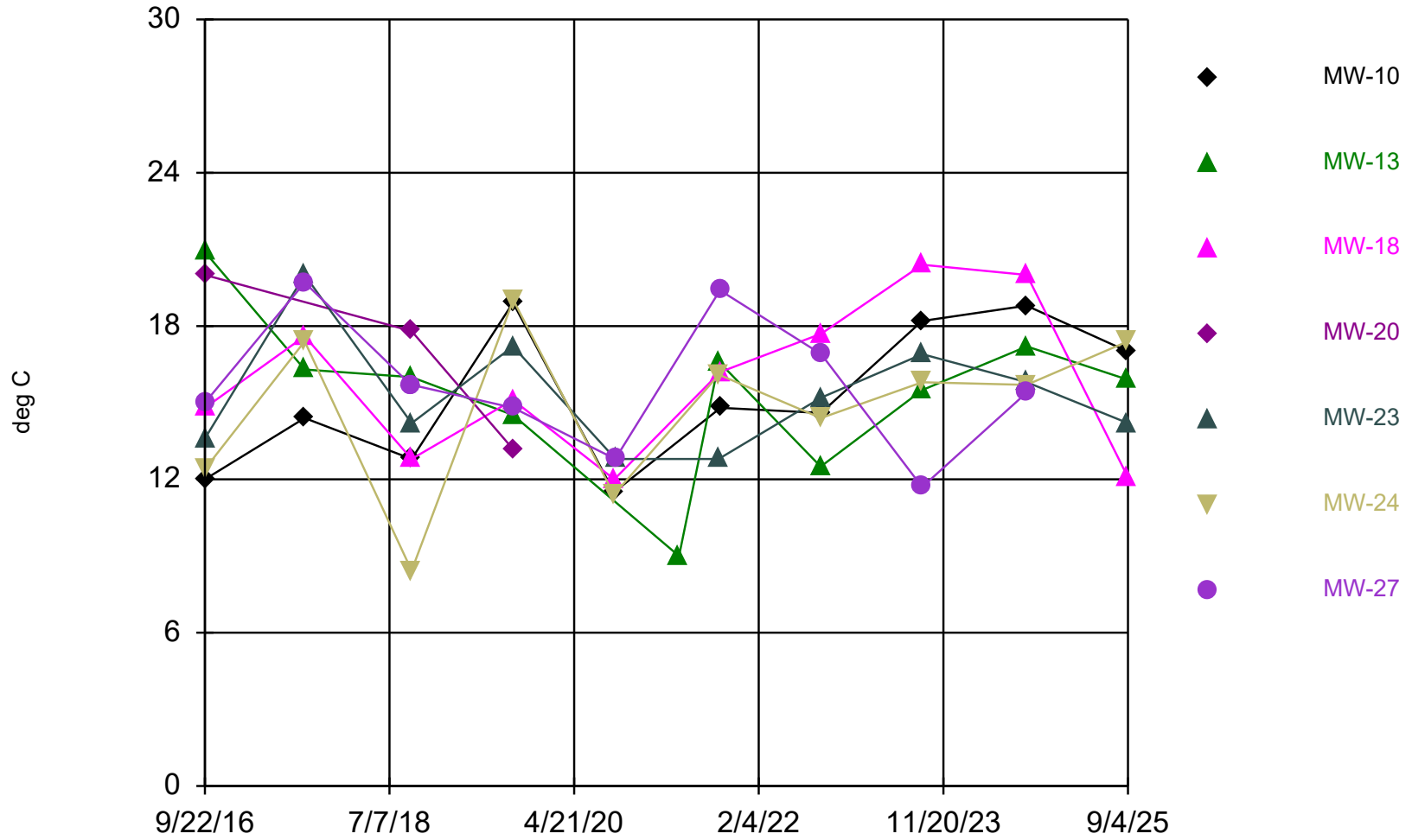
Time Series

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 3/4/2026 4:12 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-20	MW-23	MW-24	MW-27
9/22/2016	4847	3920	4343	2719	1143	961	2269
9/10/2017	1428	2487	2211		646	573.7	991
9/24/2018	2874	2425	2420	1861	759	603	1097
9/18/2019	2024	2470	2058		431		
9/19/2019				1321		575	705
9/10/2020	2340					531.3	
9/11/2020			1925				
9/14/2020							858
9/15/2020					864		
4/28/2021		895					
9/15/2021					721		
9/16/2021		2534				585.3	
9/20/2021							824
9/21/2021			2172				
9/22/2021	2339						
9/12/2022		2064					
9/13/2022	2296					553.4	
9/14/2022			1509		704		732
9/6/2023	2418		1717			572.6	794
9/7/2023		1987			670		
9/10/2024	2213					729	
9/11/2024		2150	2300		350.9		755
9/3/2025			2177				
9/4/2025	2314	2361			673	610	

Field Temperature



Time Series Analysis Run 3/4/2026 4:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

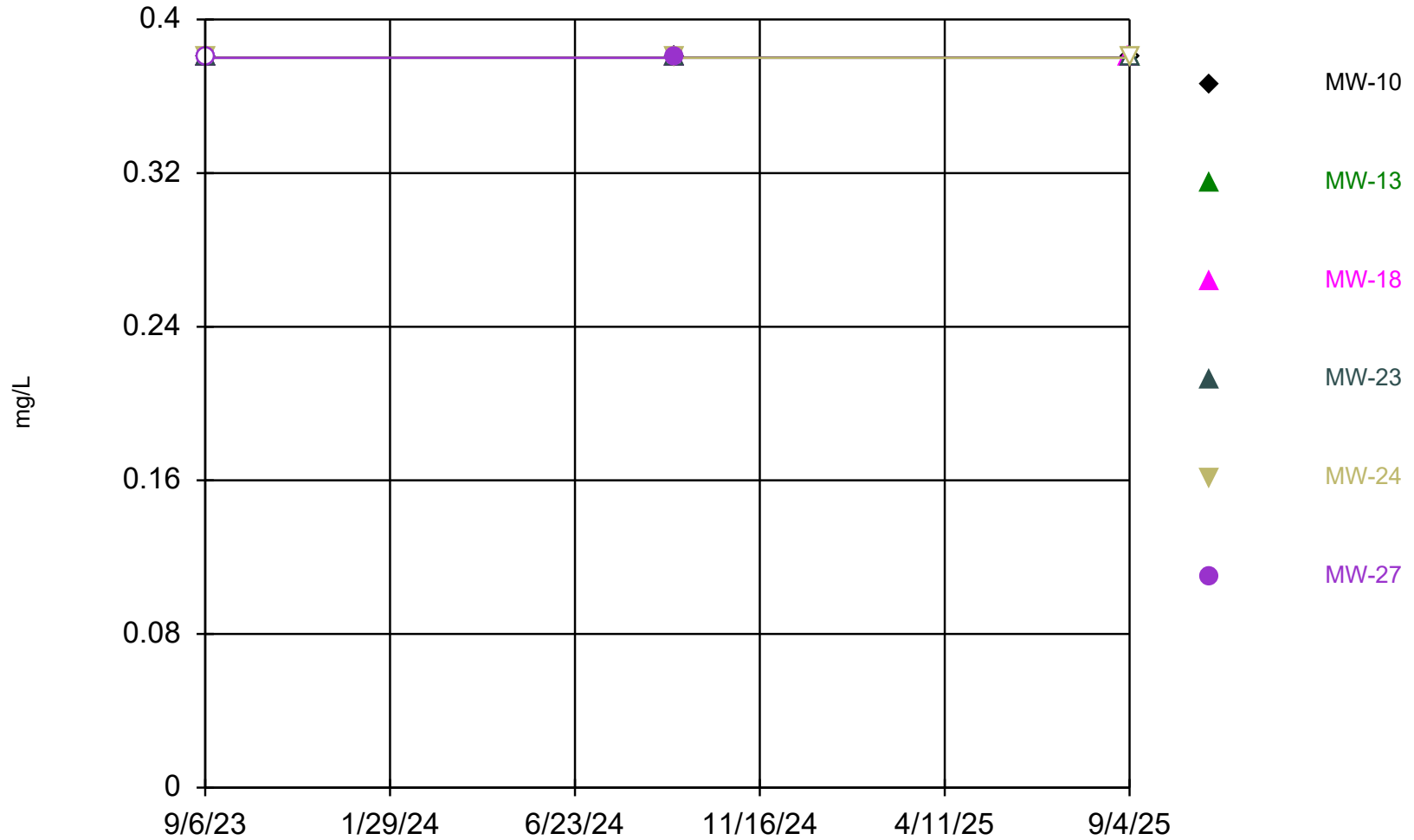
Time Series

Constituent: Field Temperature (deg C) Analysis Run 3/4/2026 4:12 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-20	MW-23	MW-24	MW-27
9/22/2016	12	20.9	14.8	20	13.6	12.4	15
9/10/2017	14.4	16.3	17.6		20	17.4	19.7
9/21/2018							15.7
9/24/2018	12.8	16	12.8	17.8	14.2	8.43 (D)	15.7
9/18/2019	18.91	14.52	15.11		17.2		
9/19/2019				13.17		19.02	14.8
9/10/2020	11.5					11.4	
9/11/2020			12				
9/14/2020							12.8
9/15/2020					12.8		
4/28/2021		9					
9/15/2021					12.8		
9/16/2021		16.6				16.1	
9/20/2021							19.4
9/21/2021			16.2				
9/22/2021	14.8						
9/12/2022		12.5					
9/13/2022	14.6					14.4	
9/14/2022			17.7		15.2		16.9
9/6/2023	18.2		20.4			15.8	11.7
9/7/2023		15.5			16.9		
9/10/2024	18.8					15.7	
9/11/2024		17.2	20		15.8		15.4
9/3/2025			12.1				
9/4/2025	17	15.9			14.2	17.4	

Fluoride



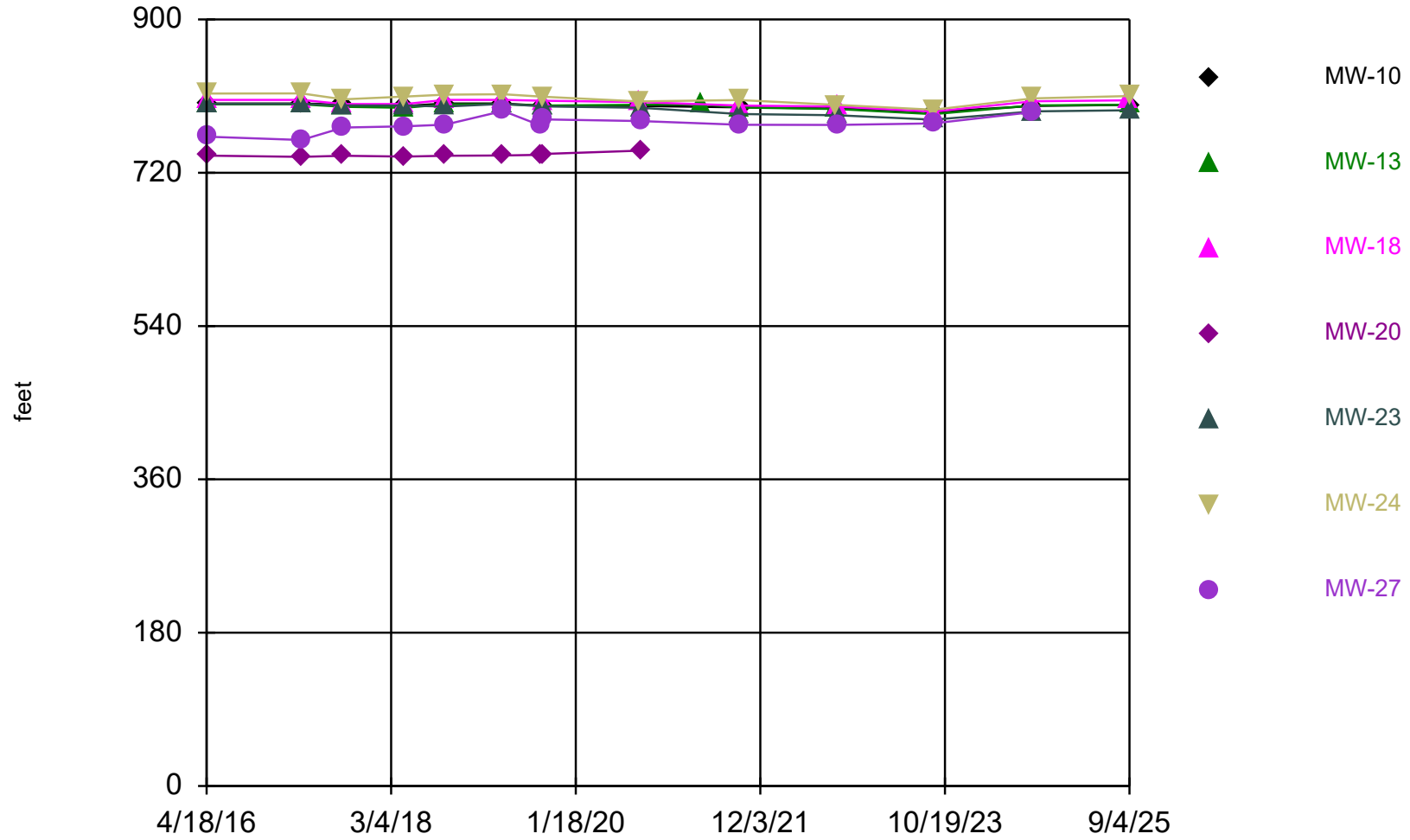
Time Series Analysis Run 3/4/2026 4:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Fluoride (mg/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24	MW-27
9/6/2023	<0.38 (U)		<0.38 (U)		<0.38 (U)	<0.38 (U)
9/7/2023		<0.38 (U)		<0.38 (U)		
9/10/2024	<0.38				<0.38	
9/11/2024		<0.38	<0.38	<0.38		0.38 (J)
9/3/2025			<0.38 (U)			
9/4/2025	<0.38 (U)	<0.38 (U)		<0.38 (U)	<0.38 (U)	

Groundwater Elevation



Time Series Analysis Run 3/4/2026 4:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

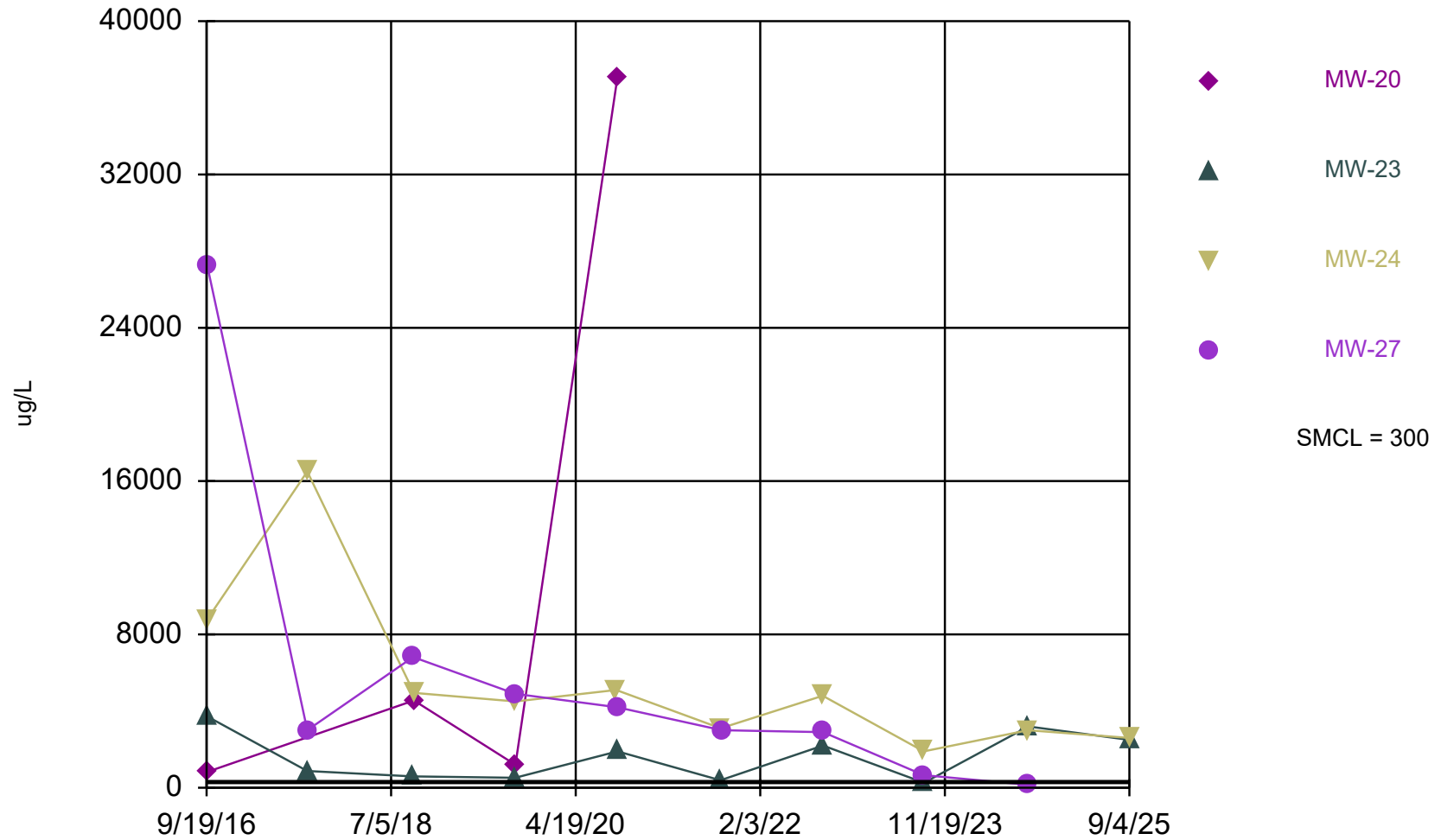
Time Series

Constituent: Groundwater Elevation (feet) Analysis Run 3/4/2026 4:12 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-20	MW-23	MW-24	MW-27
4/18/2016	801.33	800.3	805.44	740.02	800.74	812.99	762.38
4/5/2017	801.33	800.3	805.44	738.65	800.74	813.09	758.38
9/7/2017	799.91	797.3	800.66	739.83	799.02	806.18	773.01
4/24/2018	798.33	796.3	800.62	739.01	798.84	809.34	774.54
9/21/2018	801.33	800.3	805.44	739.91	797.76	811.71	776.49
4/24/2019	801.34	800.31	805.44	740.17	800.74	812.16	792.43
9/15/2019				740.97			774.83
9/18/2019	798.72	798.79	804.54		797.91		
9/19/2019				741.98		809.17	782.58
9/10/2020	798.32					803.68	
9/11/2020			802.84				
9/14/2020				745.89			780.71
9/15/2020					796.29		
4/28/2021		800.3					
9/15/2021					788.9		
9/16/2021		796.49				805.35	
9/20/2021							776.28
9/21/2021			798.8				
9/22/2021	796.7						
9/12/2022		794.71					
9/13/2022	795.35					799.62	
9/14/2022			797.75		787.51		776.11
9/6/2023	791.31		791.66			794.04	777.85
9/7/2023		788.71			782.24		
9/10/2024	798.4					807.3	
9/11/2024		799.06	803.93		791.95		791.26
9/3/2025			804.94				
9/4/2025	799.63	799.86			793.34	810.04	

Iron



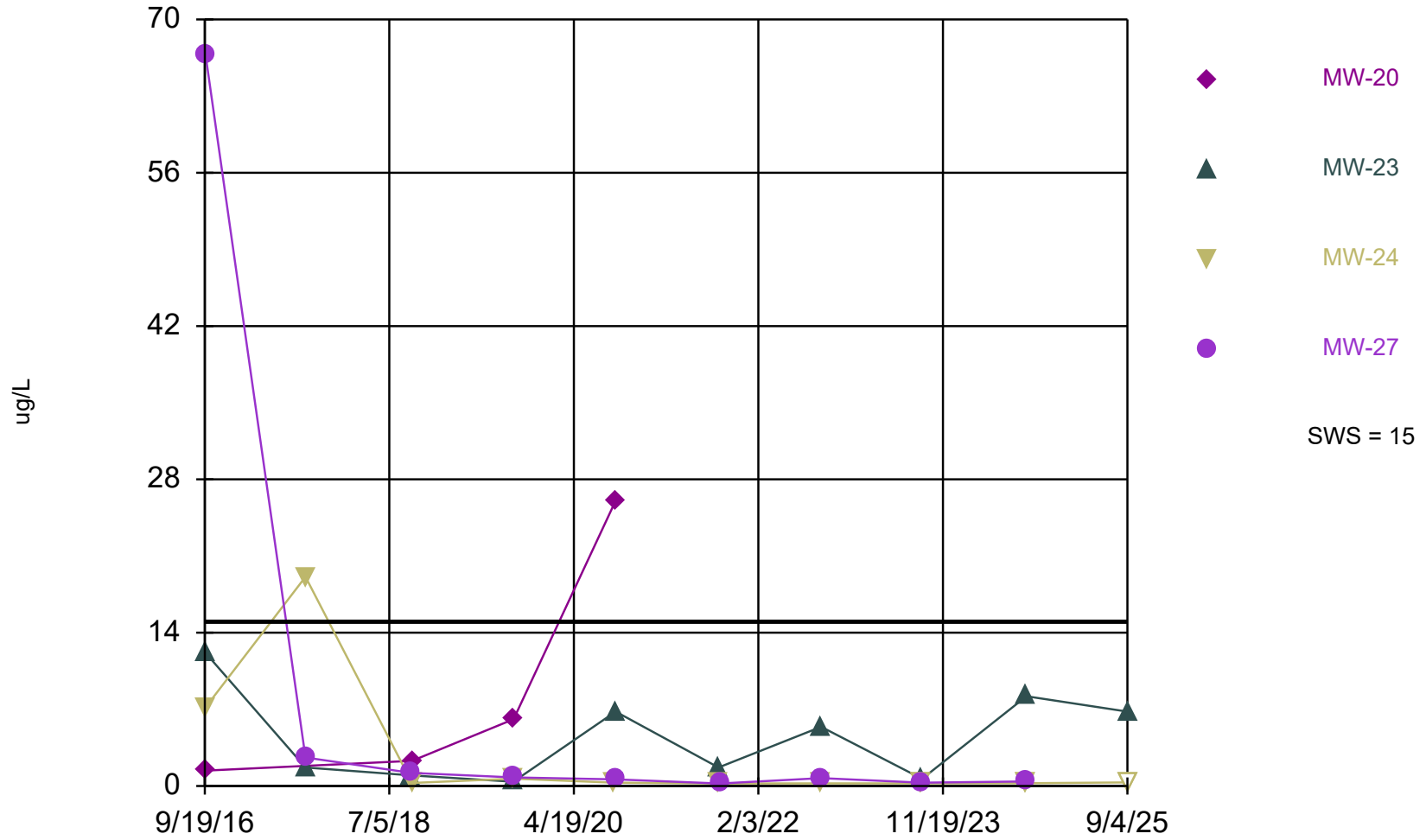
Time Series Analysis Run 3/4/2026 4:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Iron (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20	MW-23	MW-24	MW-27
9/19/2016	819			
9/20/2016		3730		
9/22/2016			8800	27200
9/11/2017		875	16500	3000
9/20/2018		591		
9/21/2018				6820
9/24/2018	4550		4950	
9/18/2019		520		
9/19/2019	1200		4500	4900
9/10/2020			5100	
9/14/2020	37000			4200
9/15/2020		1900		
9/15/2021		390		
9/16/2021			3100	
9/20/2021				3000
9/13/2022			4800	
9/14/2022		2200		2900
9/6/2023			1900	660
9/7/2023		260		
9/10/2024			3000	
9/11/2024		3200		150
9/4/2025		2500	2600	

Lead



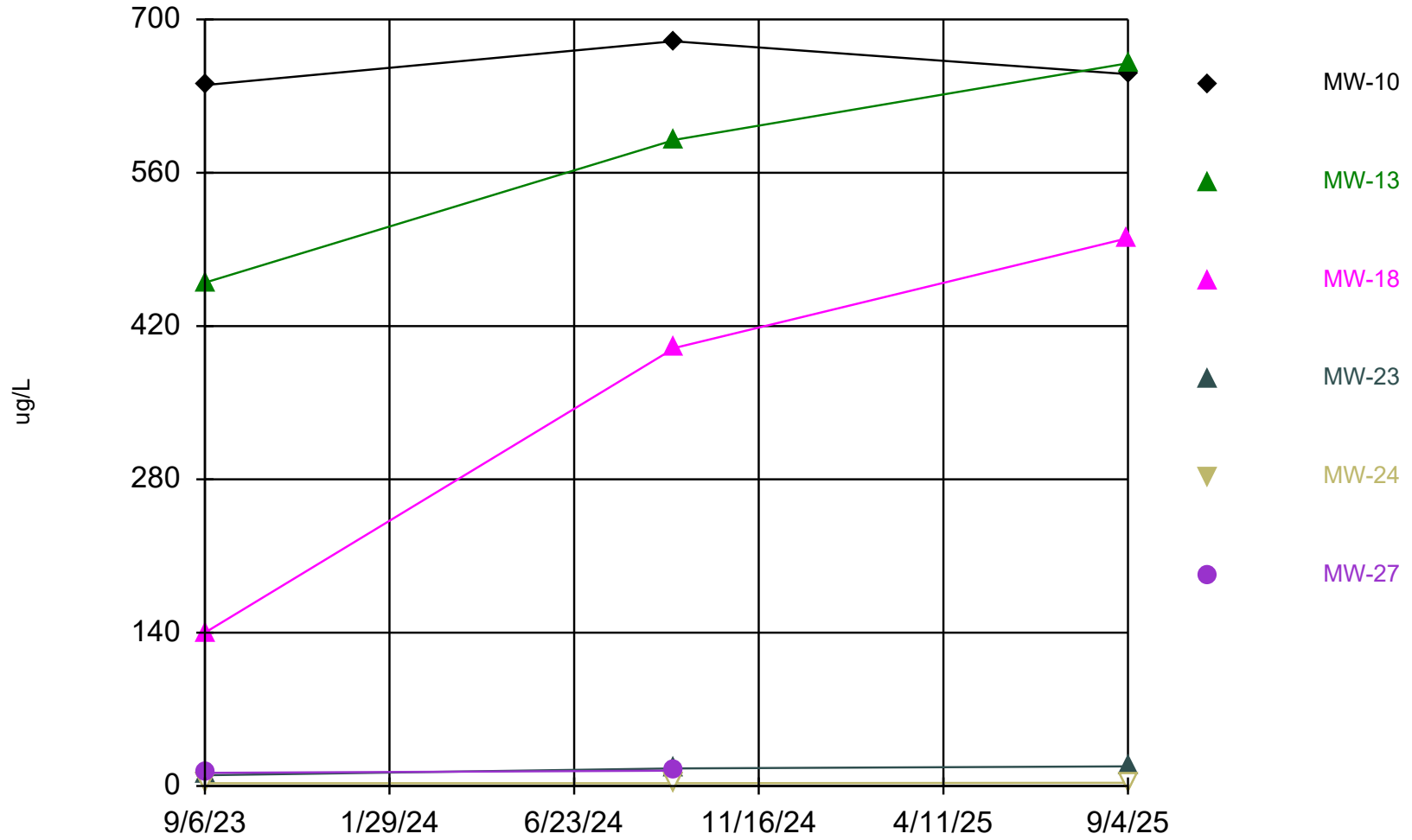
Time Series Analysis Run 3/4/2026 4:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Lead (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20	MW-23	MW-24	MW-27
9/19/2016	1.4			
9/20/2016		12.2		
9/22/2016			7.2	66.7
9/11/2017		1.7	19.1	2.6
9/20/2018		0.97 (J)		
9/21/2018				1.2
9/24/2018	2.3		0.28 (J)	
9/18/2019		0.39 (J)		
9/19/2019	6.1		0.67	0.79
9/10/2020			0.3 (J)	
9/14/2020	26			0.61
9/15/2020		6.8		
9/15/2021		1.7		
9/16/2021			0.23 (J)	
9/20/2021				0.23 (J)
9/13/2022			0.24 (J)	
9/14/2022		5.4		0.72
9/6/2023			<0.24 (U)	0.3 (J)
9/7/2023		0.66		
9/10/2024			<0.26	
9/11/2024		8.2		0.42 (J)
9/4/2025		6.8	<0.33 (U)	

Lithium



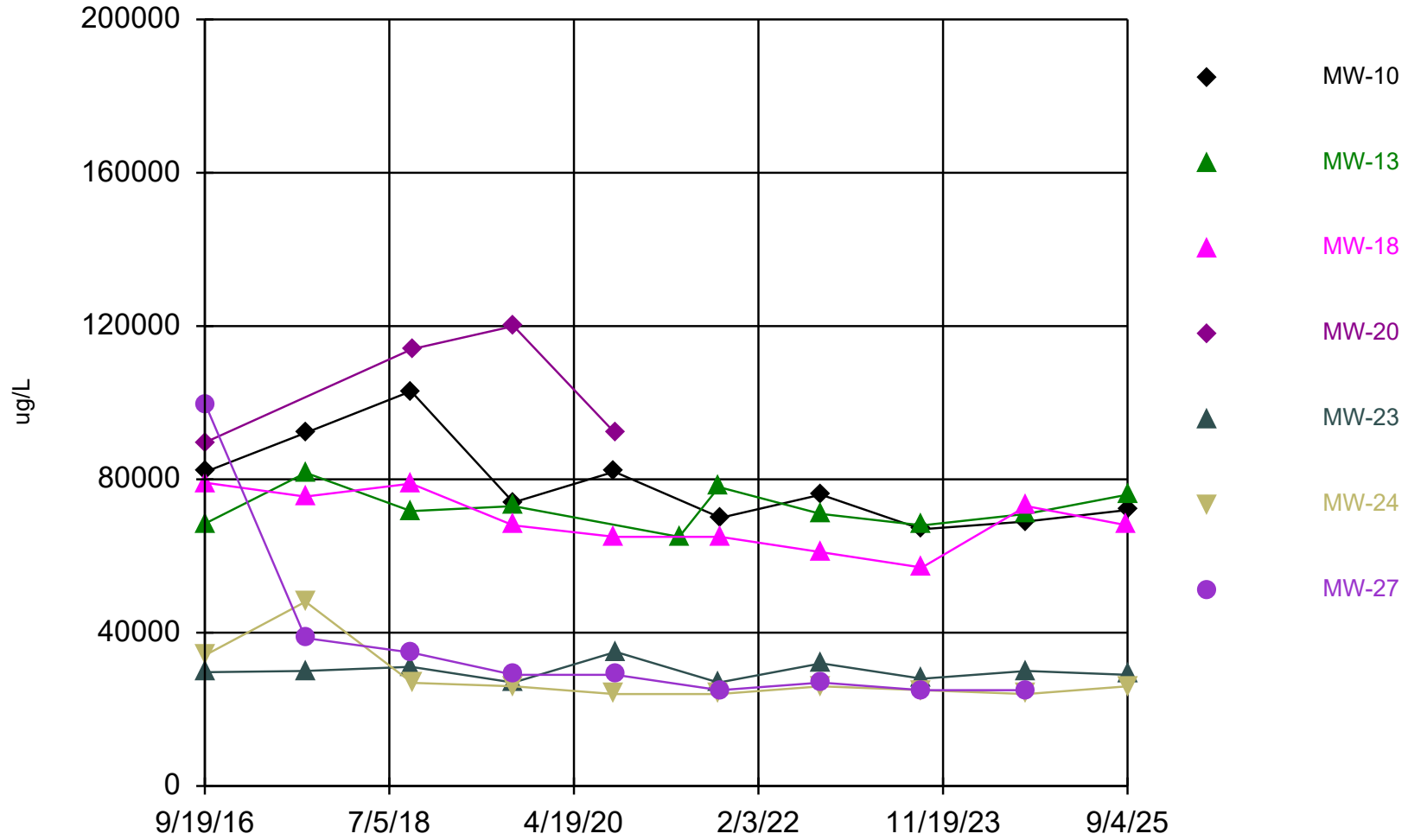
Time Series Analysis Run 3/4/2026 4:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Lithium (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24	MW-27
9/6/2023	640		140		<2.5 (U)	12
9/7/2023		460		9.9 (J)		
9/10/2024	680				<2.5	
9/11/2024		590	400	16		14
9/3/2025			500			
9/4/2025	650	660		18	<2.9 (U)	

Magnesium



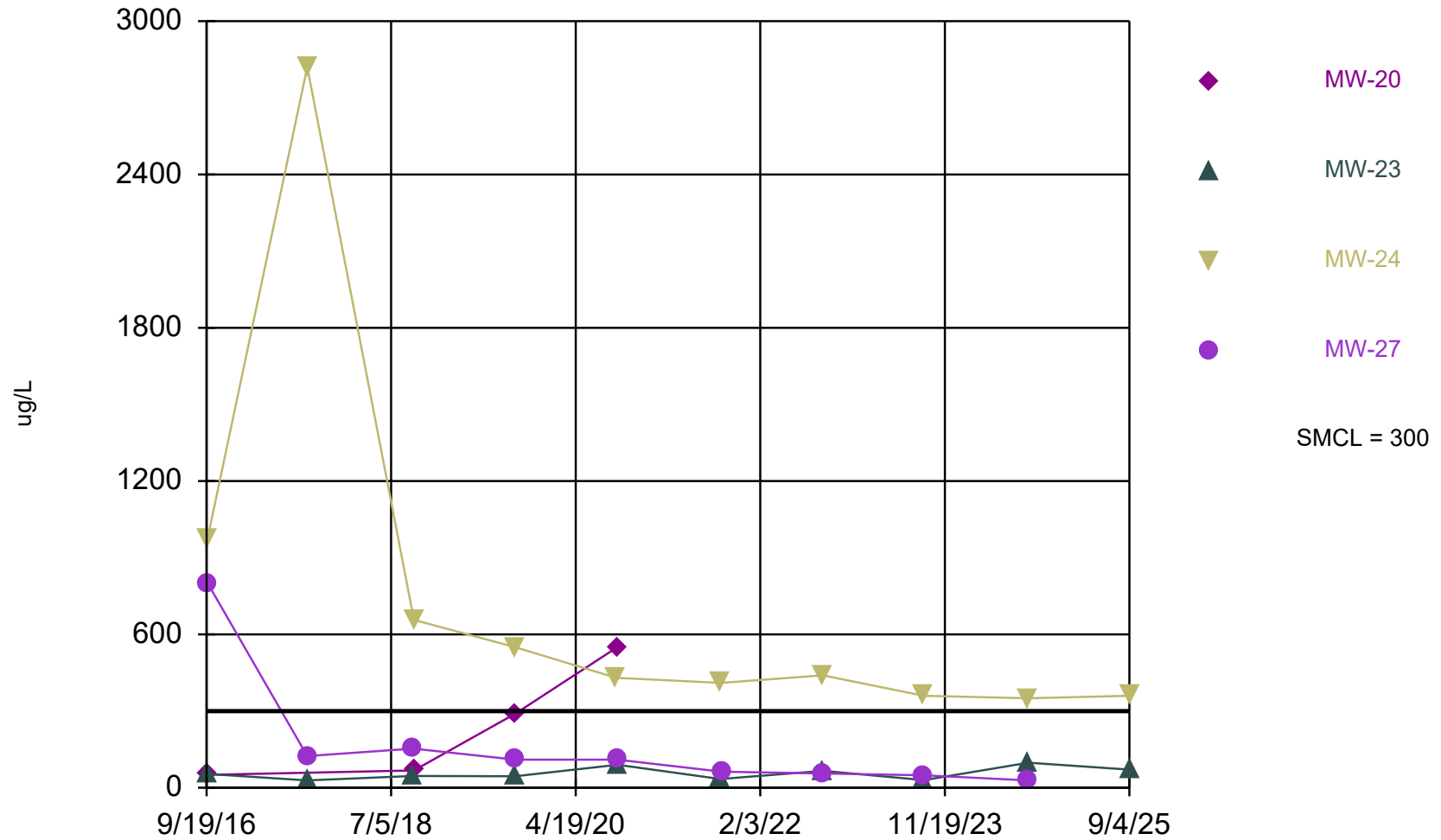
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Magnesium (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-20	MW-23	MW-24	MW-27
9/19/2016				89600			
9/20/2016					29700		
9/21/2016		68500					
9/22/2016	82000		79100			34200	99400
9/10/2017	92100		75500				
9/11/2017					30000	48100	38600
9/12/2017		81700					
9/20/2018	103000	71700	78900		31100		
9/21/2018							34800
9/24/2018				114000		26900	
9/18/2019	74000	73000	68000		27000		
9/19/2019				120000		26000	29000
9/10/2020	82000					24000	
9/11/2020			65000				
9/14/2020				92000			29000
9/15/2020					35000		
4/28/2021		65000					
9/15/2021					27000		
9/16/2021		78000				24000	
9/20/2021							25000
9/21/2021			65000				
9/22/2021	70000						
9/12/2022		71000					
9/13/2022	76000					26000	
9/14/2022			61000		32000		27000
9/6/2023	67000		57000			25000	25000
9/7/2023		68000			28000		
9/10/2024	69000					24000	
9/11/2024		71000	73000		30000		25000
9/3/2025			68000				
9/4/2025	72000	76000			29000	26000	

Manganese



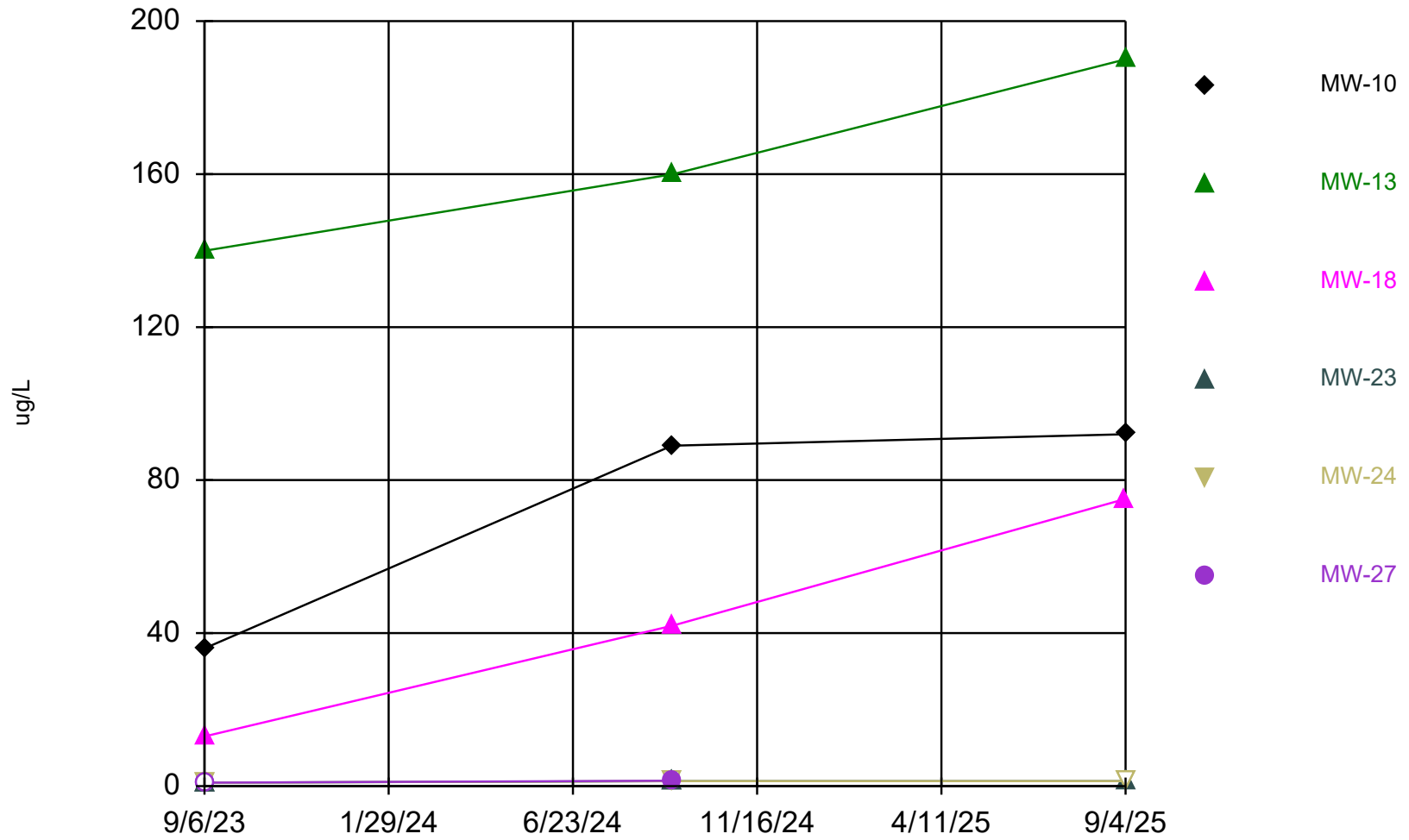
Time Series Analysis Run 3/4/2026 4:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Manganese (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20	MW-23	MW-24	MW-27
9/19/2016	50.6			
9/20/2016		54.1		
9/22/2016			973	802
9/11/2017		28.8	2820	124
9/20/2018		46.2		
9/21/2018				153
9/24/2018	67.8		657	
9/18/2019		45		
9/19/2019	290		550	110
9/10/2020			430	
9/14/2020	550			110
9/15/2020		90		
9/15/2021		34		
9/16/2021			410	
9/20/2021				63
9/13/2022			440	
9/14/2022		66		56
9/6/2023			360	49
9/7/2023		30		
9/10/2024			350	
9/11/2024		98		29
9/4/2025		71	360	

Molybdenum



Time Series Analysis Run 3/4/2026 4:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Molybdenum (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24	MW-27
9/6/2023	36		13		<0.91 (U)	<0.91 (U)
9/7/2023		140		<0.91 (U)		
9/10/2024	89				<1.3	
9/11/2024		160	42	<1.3		1.4 (J)
9/3/2025			75			
9/4/2025	92	190		1.3 (J)	<1.3 (U)	

Potassium



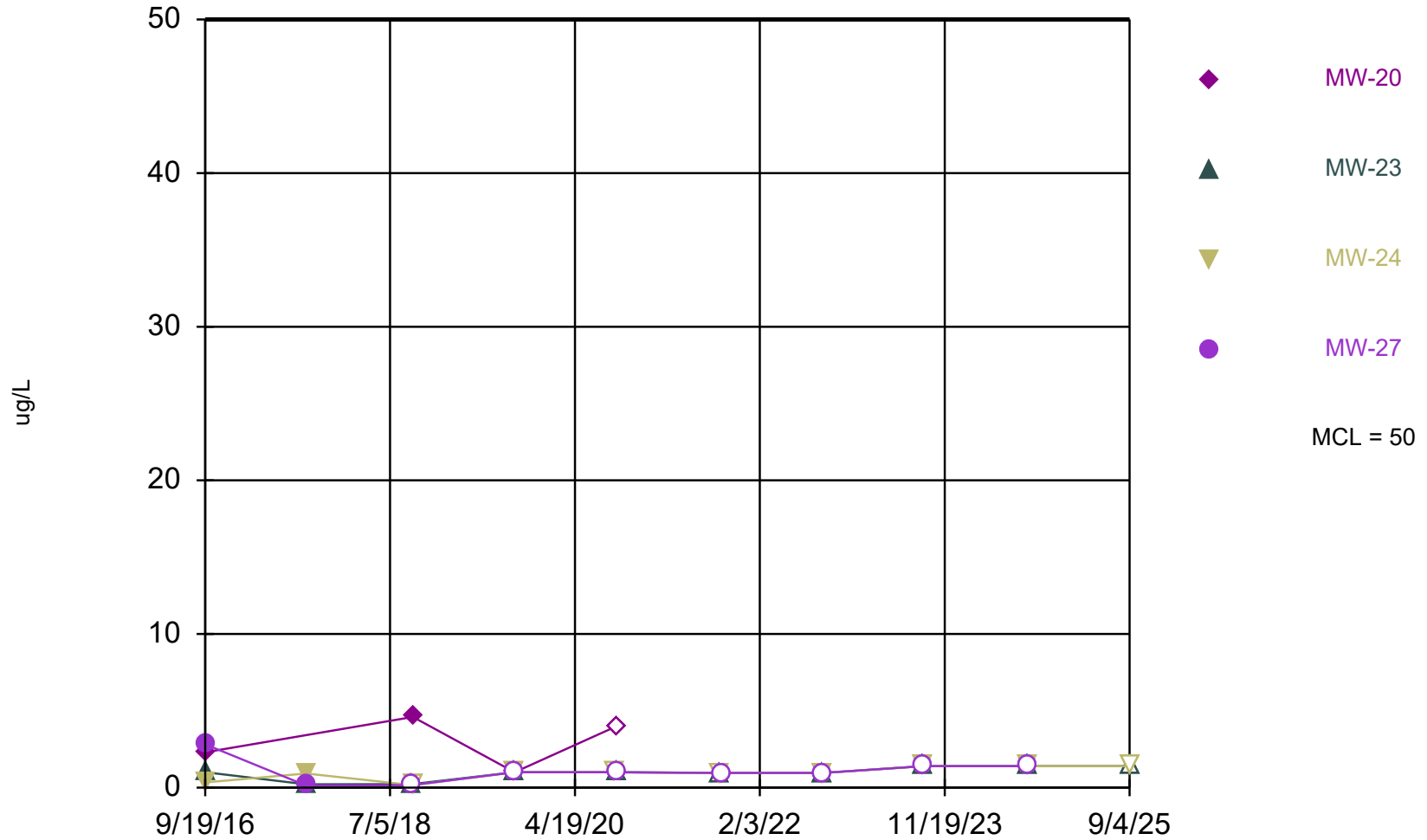
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Potassium (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24
9/3/2025			97000		
9/4/2025	140000	130000		1700	1600

Selenium



Time Series Analysis Run 3/4/2026 4:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Selenium (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20	MW-23	MW-24	MW-27
9/19/2016	2.3			
9/20/2016		1		
9/22/2016			0.34 (J)	2.8 (J)
9/11/2017		0.22 (J)	0.92 (J)	0.14 (J)
9/20/2018		0.23 (J)		
9/21/2018				<0.16
9/24/2018	4.6		<0.16	
9/18/2019		<1		
9/19/2019	<1		<1	<1
9/10/2020			<1	
9/14/2020	<4			<1
9/15/2020		<1		
9/15/2021		<0.96		
9/16/2021			<0.96	
9/20/2021				<0.96
9/13/2022			<0.96	
9/14/2022		<0.96		<0.96
9/6/2023			<1.4 (U)	<1.4 (U)
9/7/2023		<1.4 (U)		
9/10/2024			<1.4	
9/11/2024		<1.4		<1.4
9/4/2025		<1.4 (U)	<1.4 (U)	

Sodium



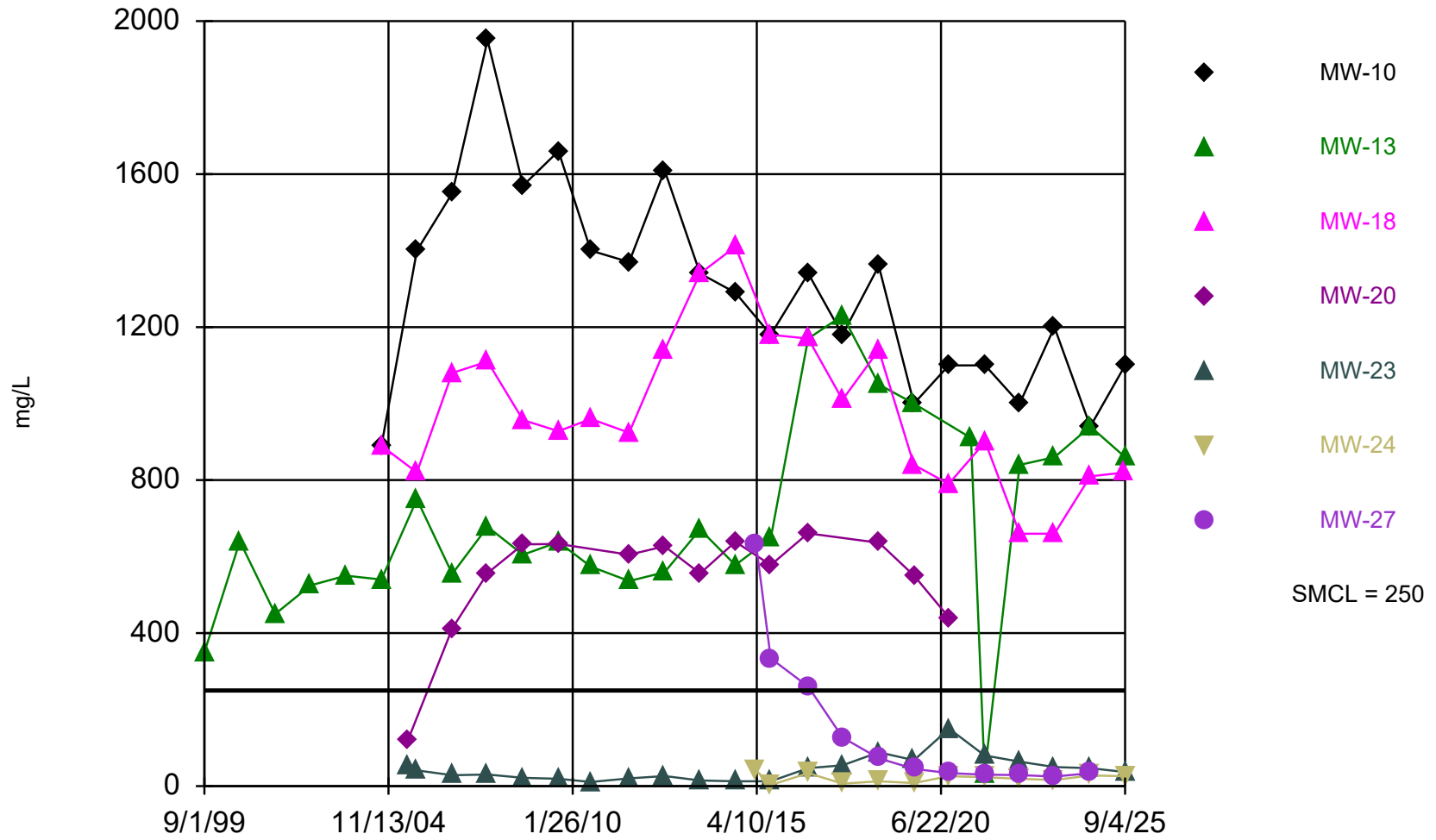
Time Series Analysis Run 3/4/2026 4:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Sodium (ug/L) Analysis Run 3/4/2026 4:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24
9/3/2025			88000		
9/4/2025	99000	100000		10000	9800

Sulfate



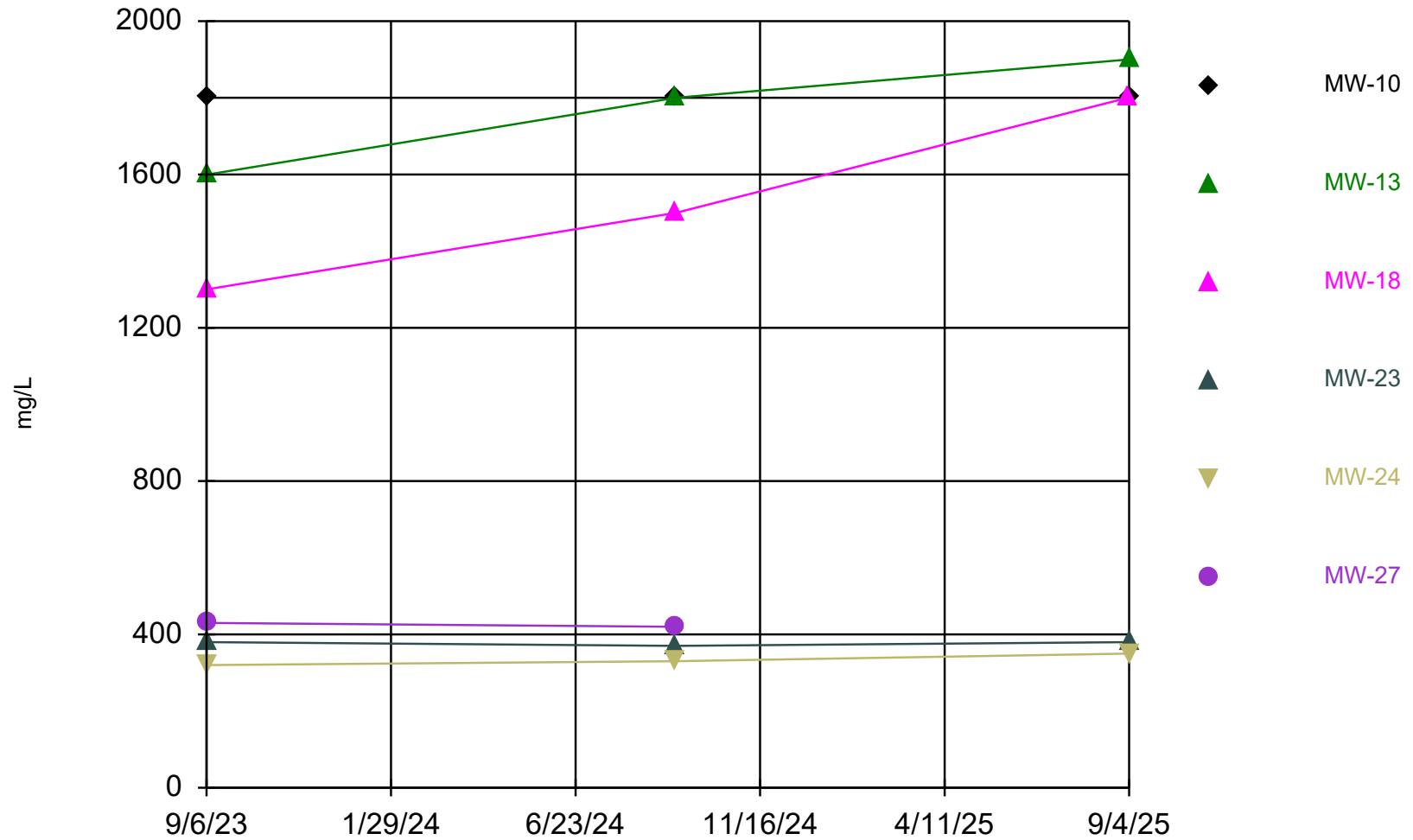
Time Series Analysis Run 3/4/2026 4:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/4/2026 4:13 PM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-20	MW-23	MW-24	MW-27
9/1/1999		350					
9/1/2000		640					
9/1/2001		450					
9/1/2002		525					
9/1/2003		550					
9/1/2004	890	540	890				
6/1/2005				120	54		
9/1/2005	1400	750	820		41		
9/1/2006	1550	555	1080	412	28.4		
9/1/2007	1950	678	1110	557	30.2		
9/1/2008	1570	605	957	632	21.6		
9/1/2009	1660	638	928	633	19.3		
8/1/2010	1400	574	960		11		
9/1/2011	1370	536	924	605	20.3		
9/1/2012	1610	559	1140	627	26.5		
9/1/2013	1340	671	1340	556	14.8		
9/1/2014	1290	578	1410	639	12.7		
4/1/2015						41.8	635
9/1/2015	1180	648	1180	578	12.8	2.8	334
9/19/2016				661			
9/20/2016					47.1		
9/21/2016		1170					
9/22/2016	1340		1170			33.8	260
9/10/2017	1180		1010				
9/11/2017					54.5	6.4	127
9/12/2017		1230					
9/20/2018	1360	1050	1140		88.6		
9/21/2018							72.7
9/24/2018				636		12.6	
9/18/2019	1000	1000	840		68		
9/19/2019				550		8	45
9/10/2020	1100					26	
9/11/2020			790				
9/14/2020				440			34
9/15/2020					150		
4/28/2021		910					
9/15/2021					80		
9/16/2021		31				23	
9/20/2021							30
9/21/2021			900				
9/22/2021	1100						
9/12/2022		840					
9/13/2022	1000					19	
9/14/2022			660		64		29
9/6/2023	1200		660			16	25
9/7/2023		860			50		
9/10/2024	940					28	
9/11/2024		940	810		47		34
9/3/2025			820				
9/4/2025	1100	860			37	26	

Total Dissolved Solids



Time Series Analysis Run 3/4/2026 4:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

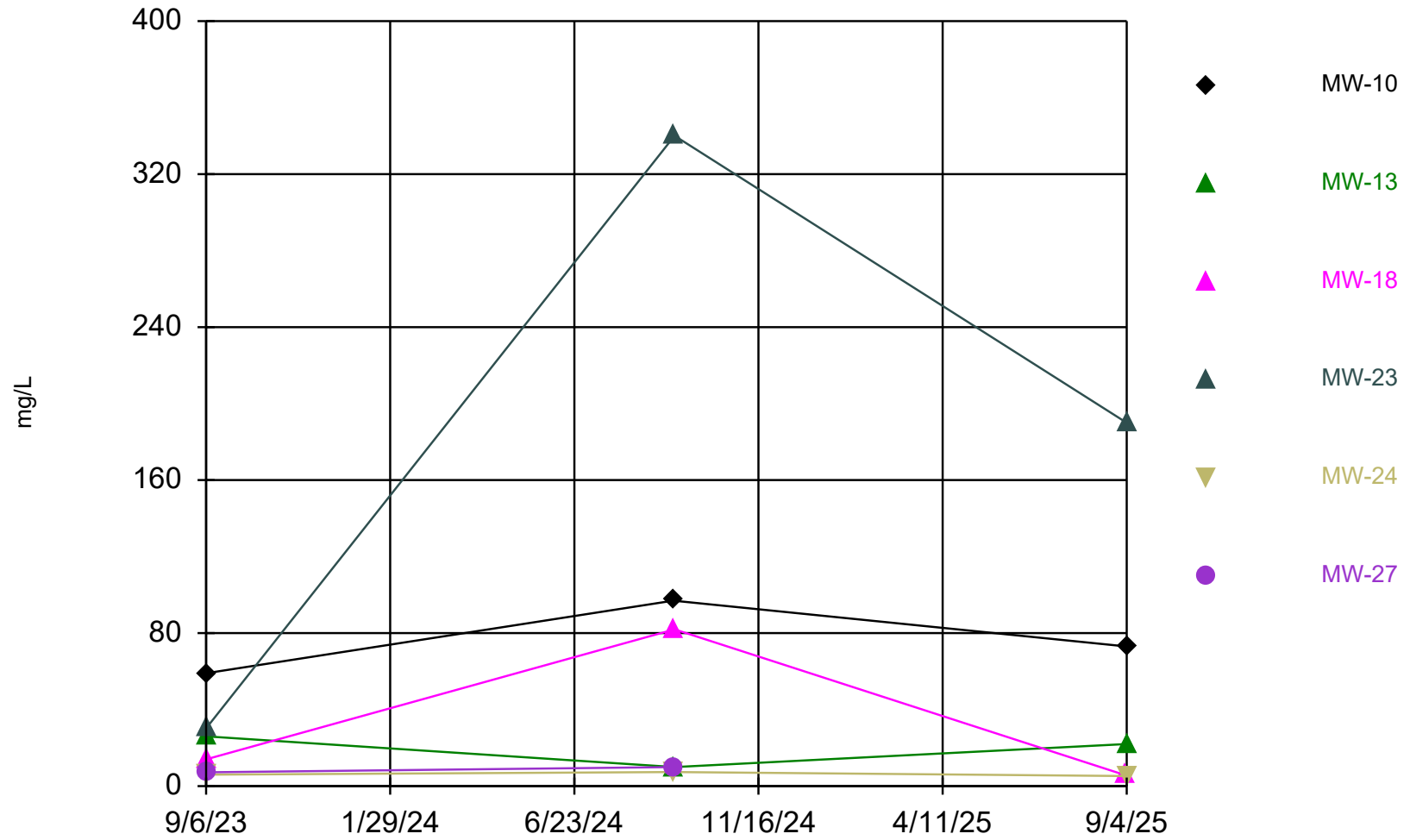
Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 3/4/2026 4:13 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24	MW-27
9/6/2023	1800		1300		320	430
9/7/2023		1600		380		
9/10/2024	1800				330	
9/11/2024		1800	1500	370		420
9/3/2025			1800			
9/4/2025	1800	1900		380	350	

Total Suspended Solids



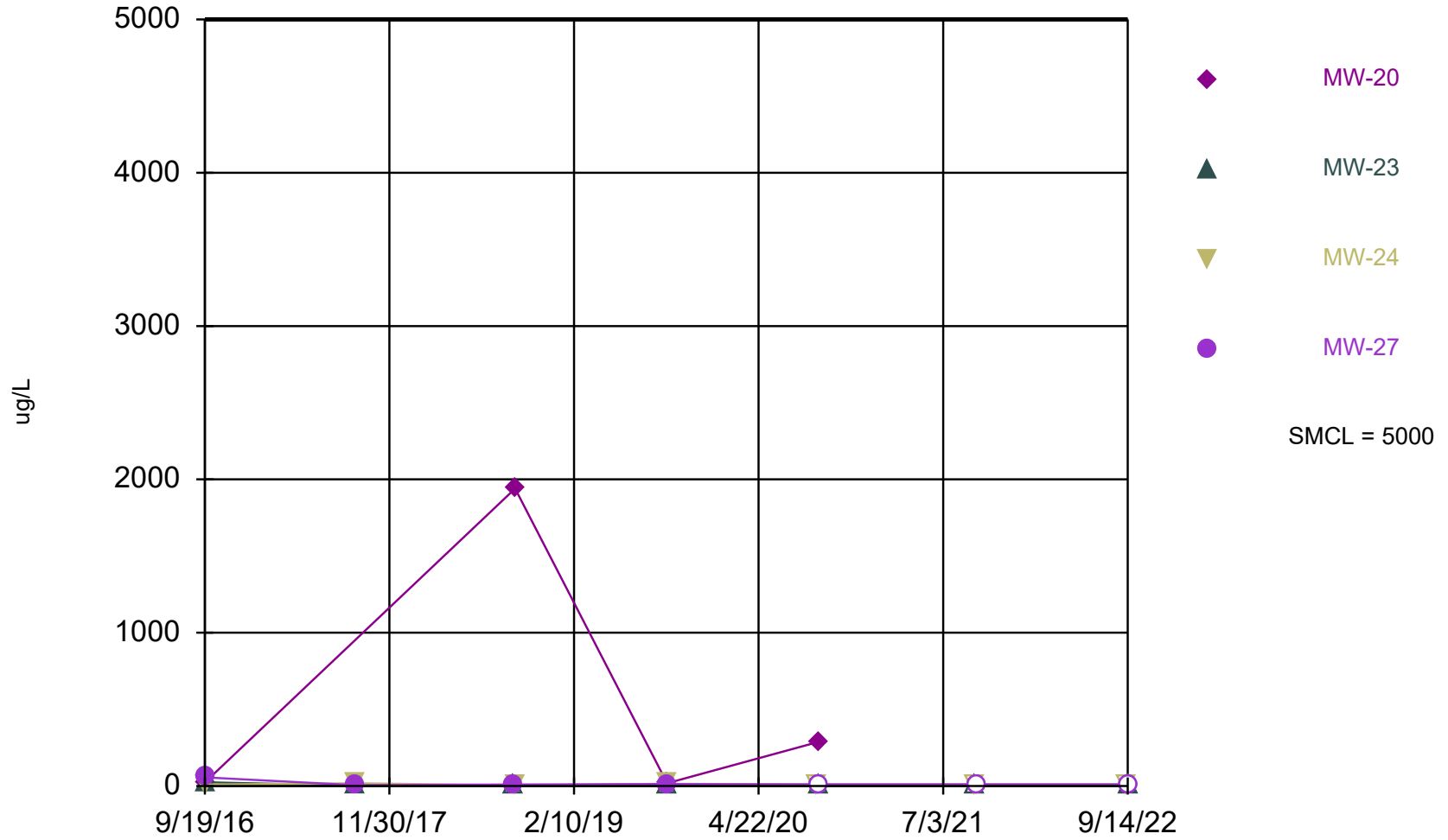
Time Series Analysis Run 3/4/2026 4:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Total Suspended Solids (mg/L) Analysis Run 3/4/2026 4:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-13	MW-18	MW-23	MW-24	MW-27
9/6/2023	59		14		6	7.2
9/7/2023		26		31		
9/10/2024	97				7.4	
9/11/2024		10	82	340		10
9/3/2025			5.7			
9/4/2025	73	22		190	5.3	

Zinc




Time Series Analysis Run 3/4/2026 4:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

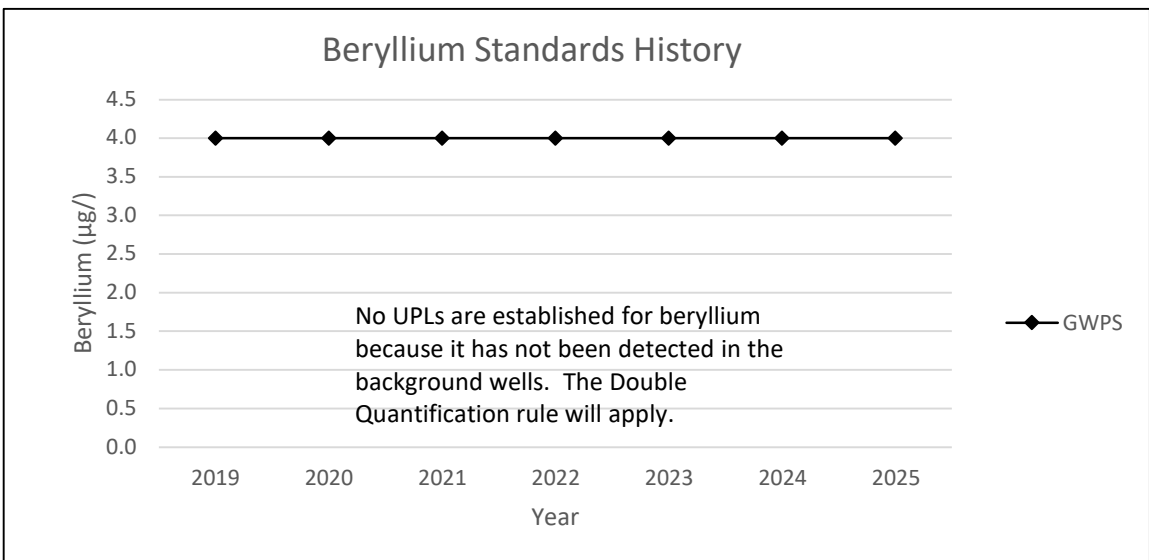
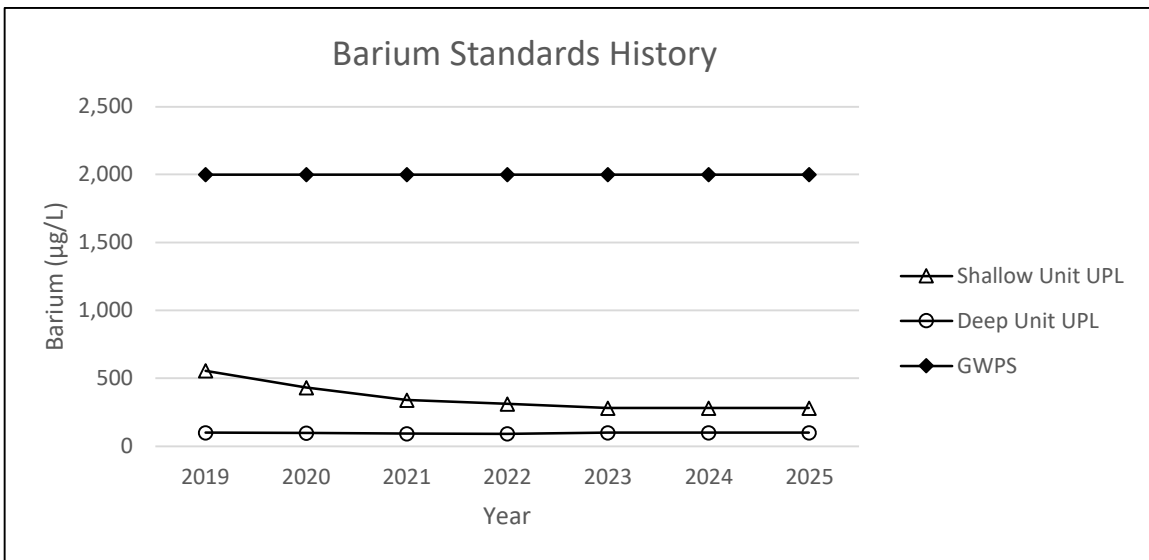
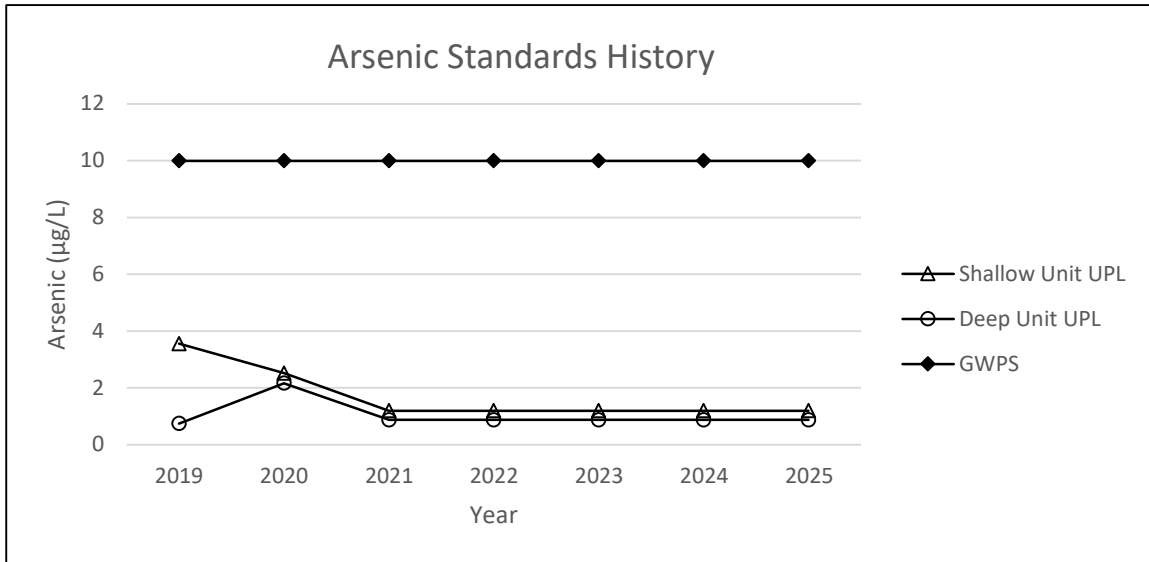
Constituent: Zinc (ug/L) Analysis Run 3/4/2026 4:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20	MW-23	MW-24	MW-27
9/19/2016	23.6			
9/20/2016		24.9		
9/22/2016			8.9 (J)	56.4
9/11/2017		2.6 (J)	18.2	5.6 (J)
9/20/2018		<3.7		
9/21/2018				10.2
9/24/2018	1940		4.6 (J)	
9/18/2019		<10		
9/19/2019	18 (J)		15 (J)	13 (J)
9/10/2020			<10	
9/14/2020	290			<10
9/15/2020		<10		
9/15/2021		<10		
9/16/2021			<10	
9/20/2021				<10
9/13/2022			<10	
9/14/2022		<10		<10

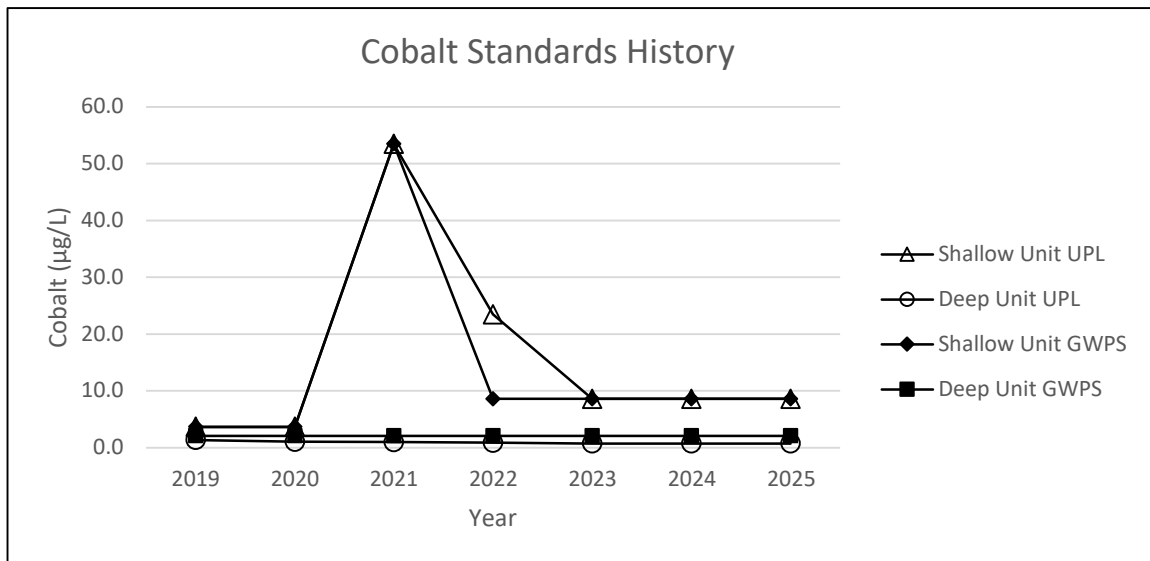
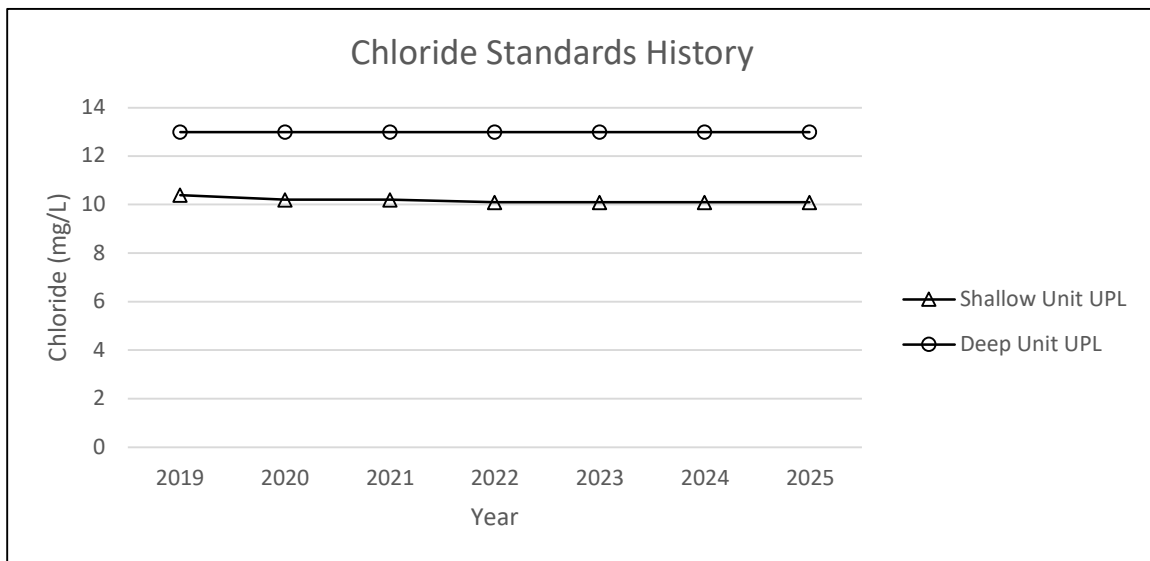
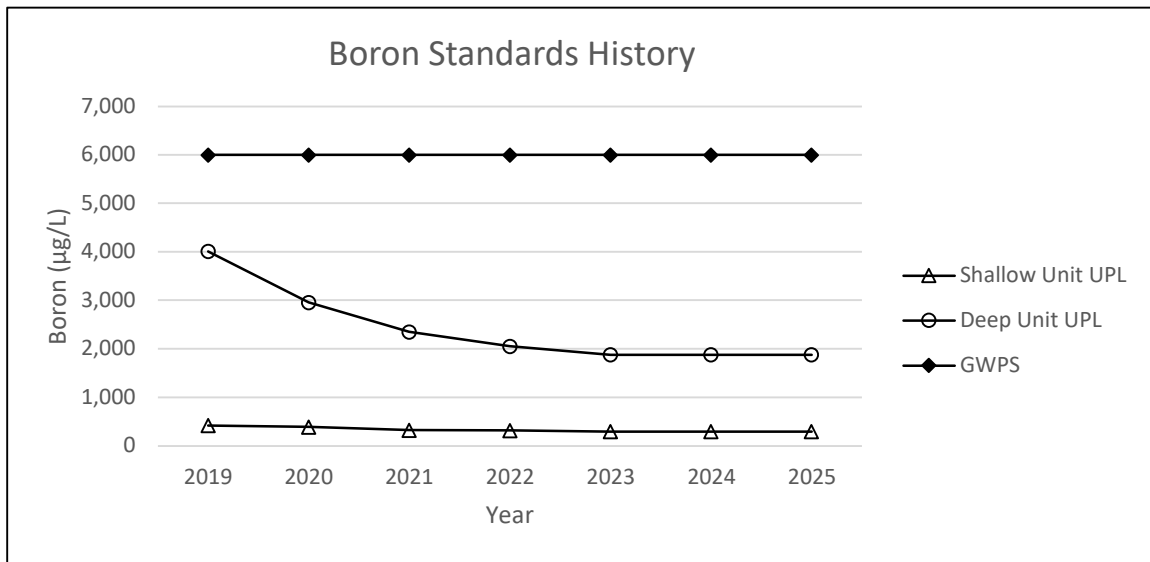


Appendix F
Standards History Graphs

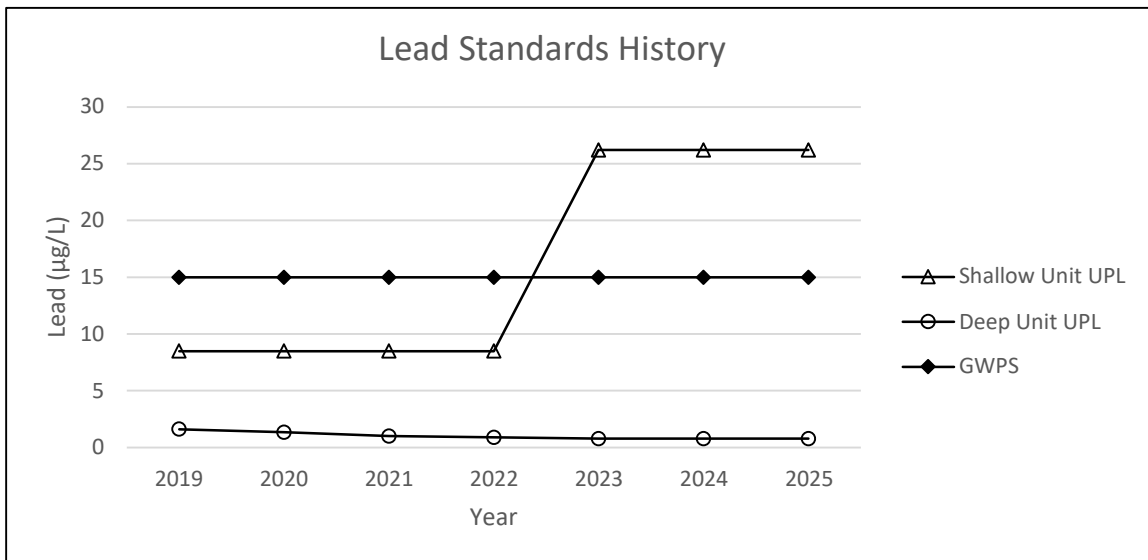
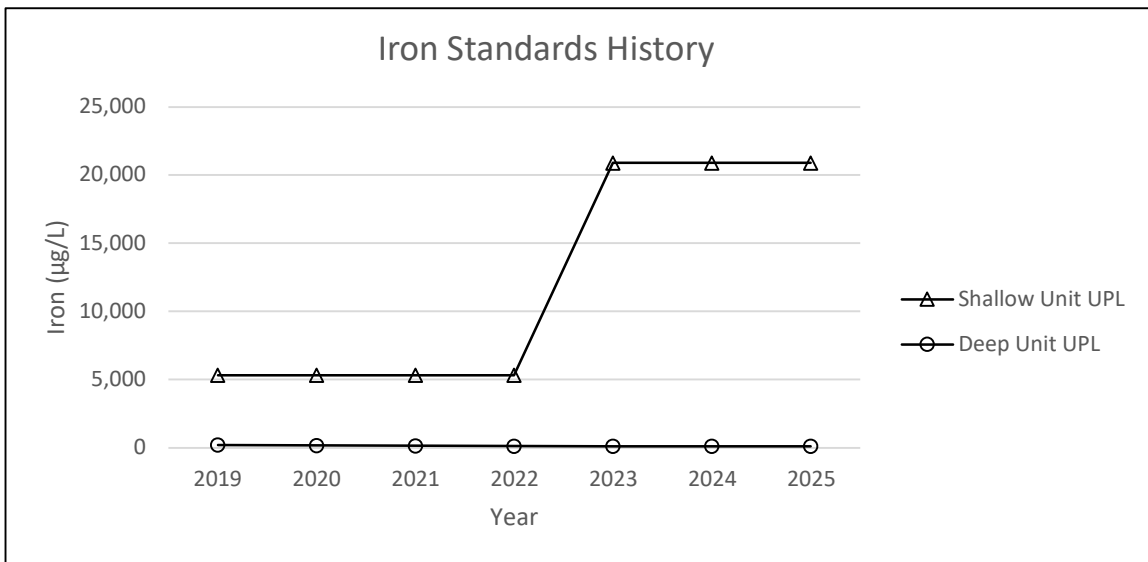
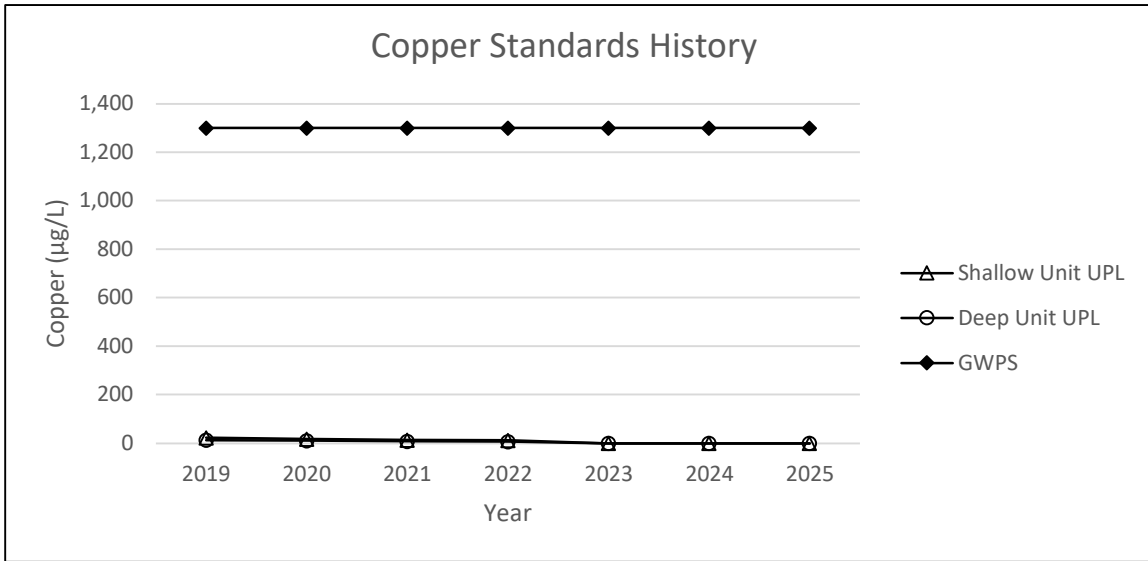
Stoney Point Closed Landfill, Cedar Rapids, IA
Permit #57-SDP-11-90C



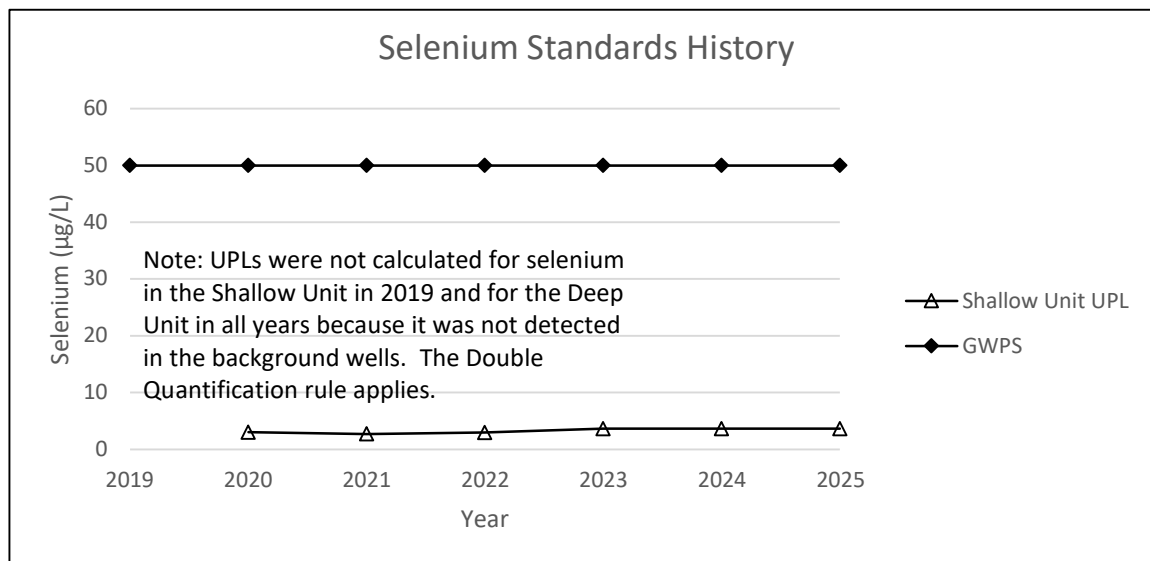
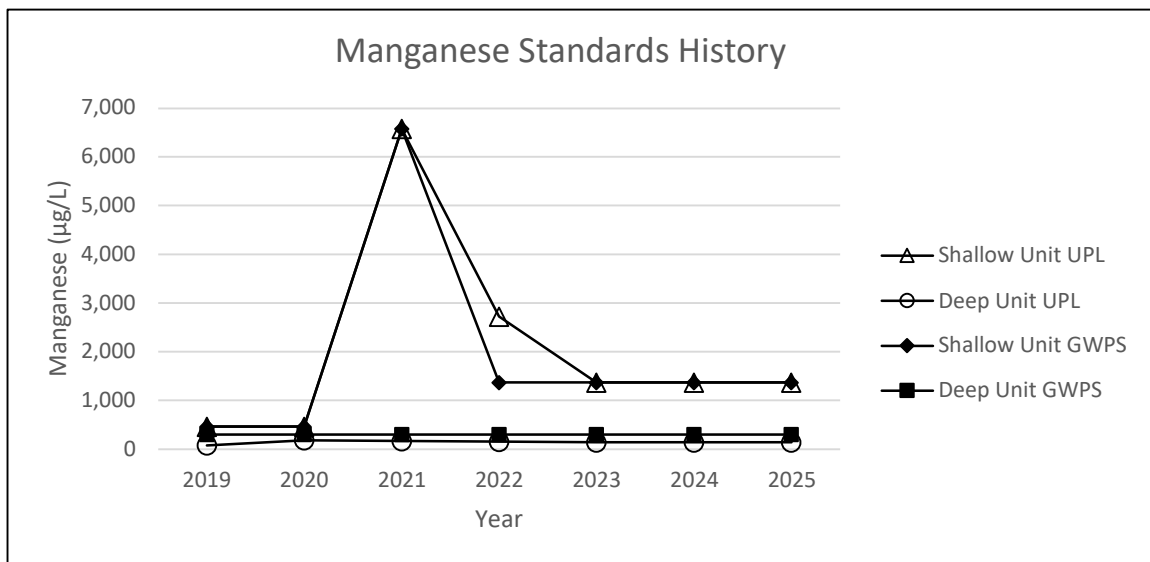
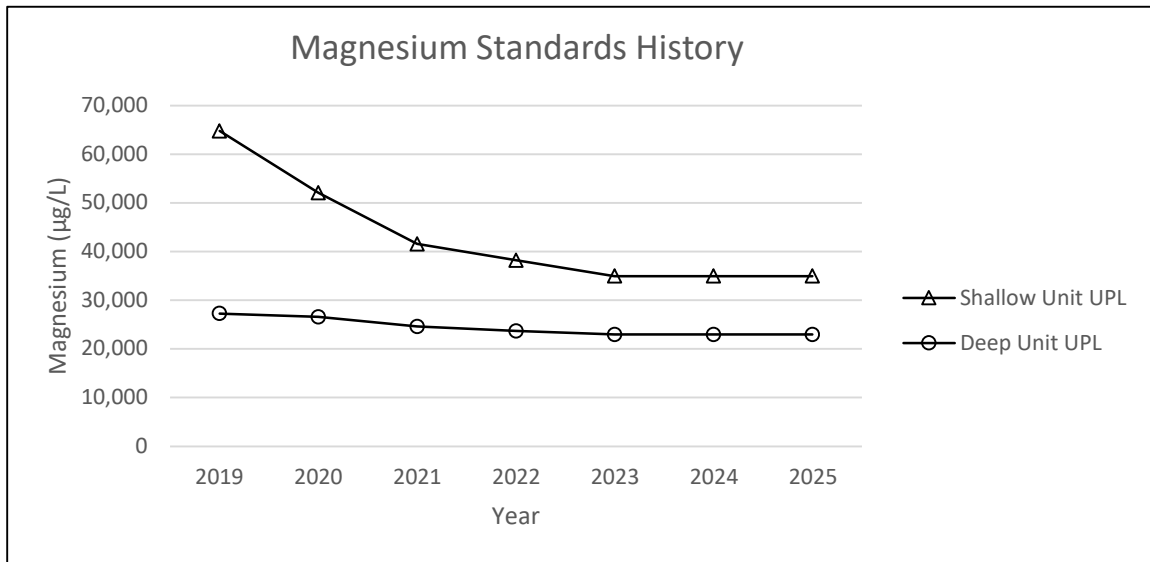
Stoney Point Closed Landfill, Cedar Rapids, IA
Permit #57-SDP-11-90C



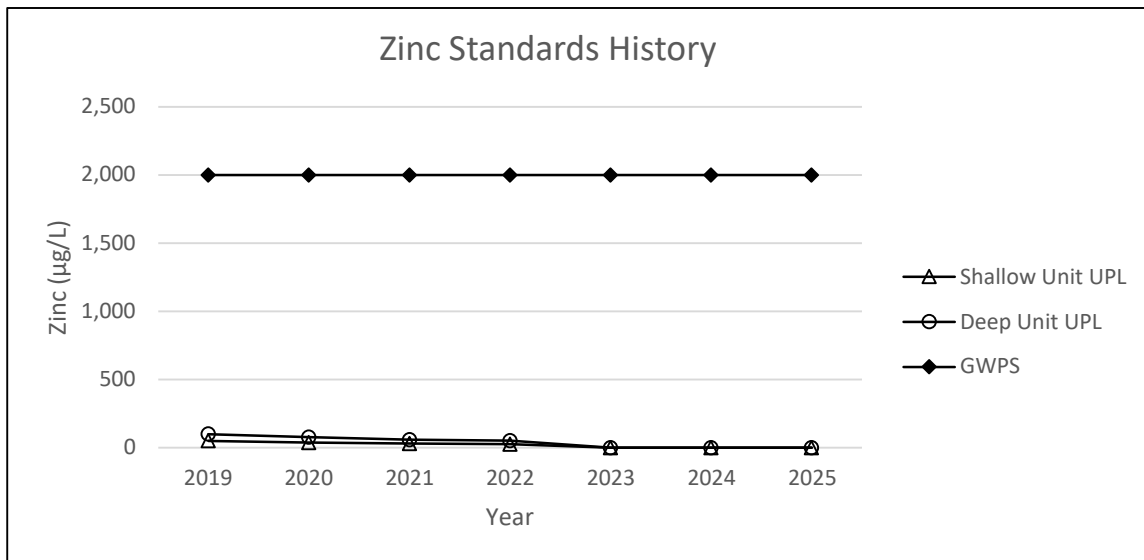
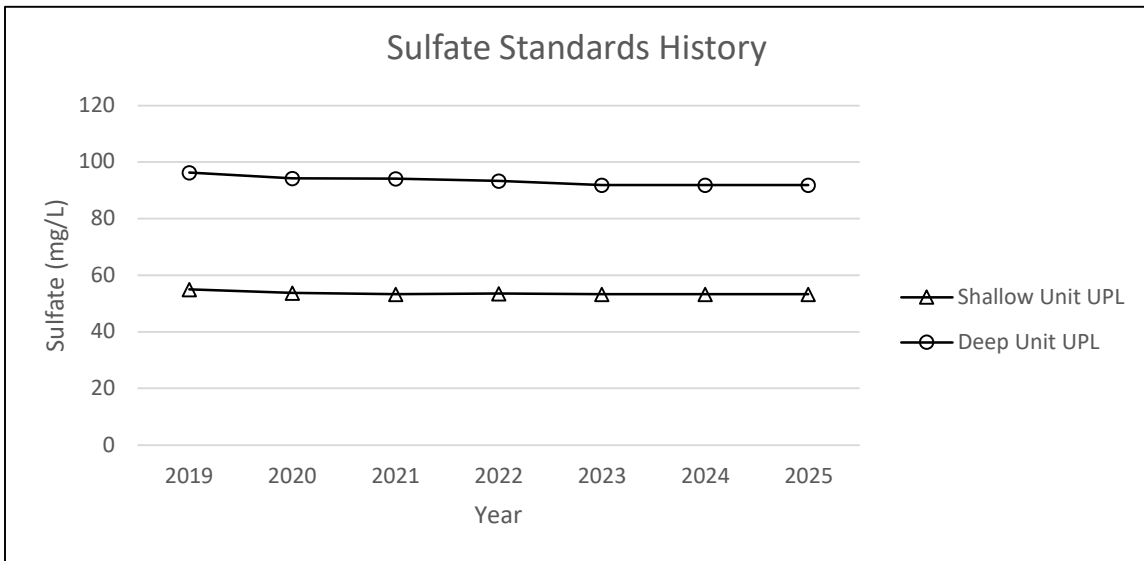
Stoney Point Closed Landfill, Cedar Rapids, IA
Permit #57-SDP-11-90C




Stoney Point Closed Landfill, Cedar Rapids, IA
Permit #57-SDP-11-90C



Stoney Point Closed Landfill, Cedar Rapids, IA
Permit #57-SDP-11-90C





Appendix G

Trend Analyses

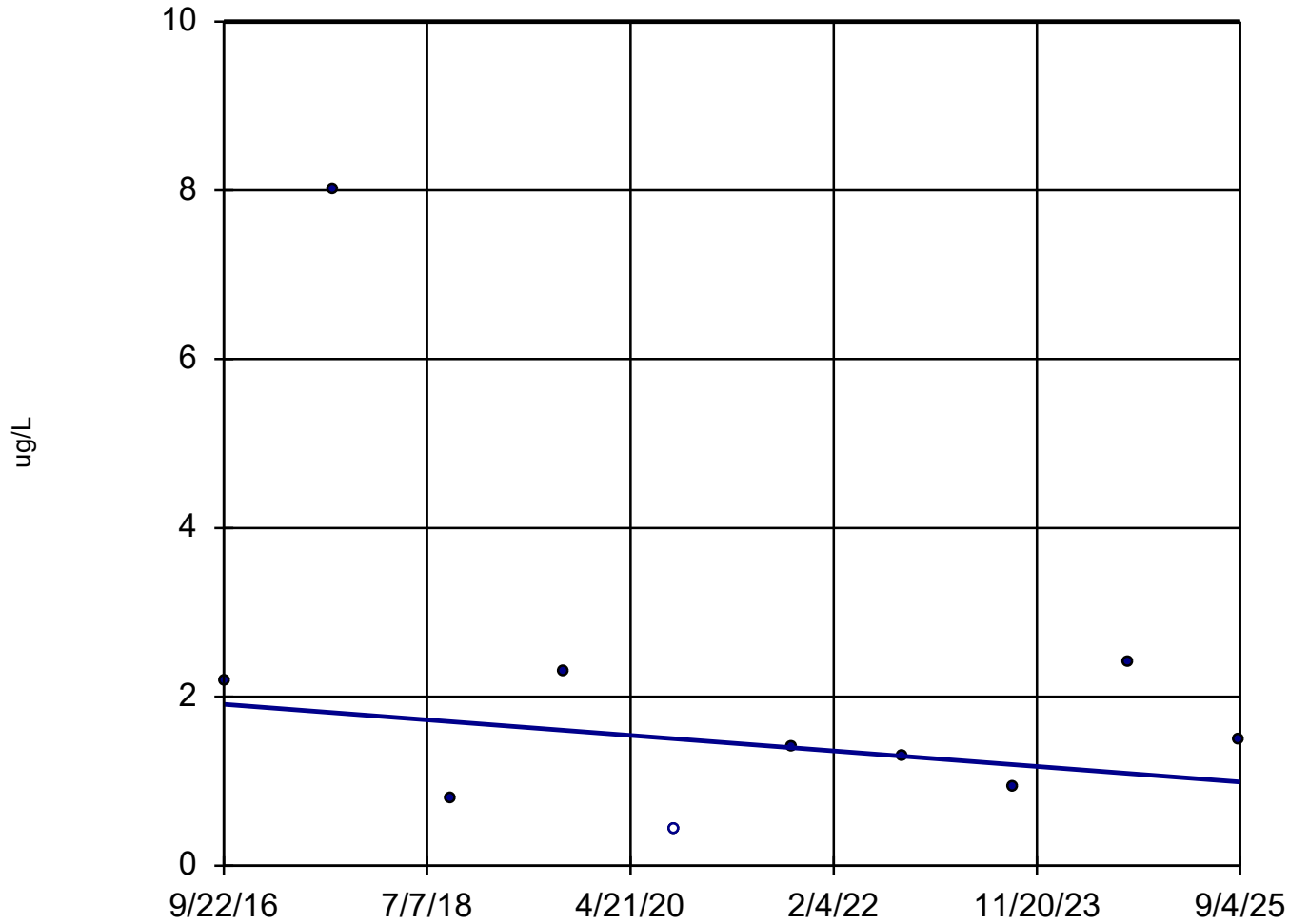
G1 Trend Analyses: Parameters with GWPS Exceedances

Trend Test

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint Printed 1/1/2026, 11:02 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (ug/L)	MW-11	-0.1025	-3	-27	No	10	10	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-12	-1.003	-7	-27	No	10	0	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-15	-0.426	-26	-27	No	10	20	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-16	0.34	21	27	No	10	10	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-21	-0.5038	-5	-27	No	10	0	n/a	n/a	0.02	NP
Arsenic (ug/L)	MW-24	-0.1009	-19	-27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-10	-1183	-32	-27	Yes	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-11	-300.8	-12	-27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-12	8.379	1	27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-13	51.83	6	27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-15	244	18	27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-16	3035	15	27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-18	-504.9	-16	-27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-21	16.06	18	27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-24	4.69	15	27	No	10	30	n/a	n/a	0.02	NP
Manganese (ug/L)	MW-11	-3.178	-7	-27	No	10	0	n/a	n/a	0.02	NP
Manganese (ug/L)	MW-12	231.6	17	27	No	10	0	n/a	n/a	0.02	NP
Manganese (ug/L)	MW-15	-147.4	-25	-27	No	10	0	n/a	n/a	0.02	NP
Manganese (ug/L)	MW-16	-110.6	-18	-27	No	10	0	n/a	n/a	0.02	NP
Manganese (ug/L)	MW-21	1.669	2	27	No	10	0	n/a	n/a	0.02	NP
Manganese (ug/L)	MW-24	-59.96	-36	-27	Yes	10	0	n/a	n/a	0.02	NP

Arsenic MW-11



n = 10
Slope = -0.1025
units per year.
Mann-Kendall
statistic = -3
critical = -27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).
MCL = 10.

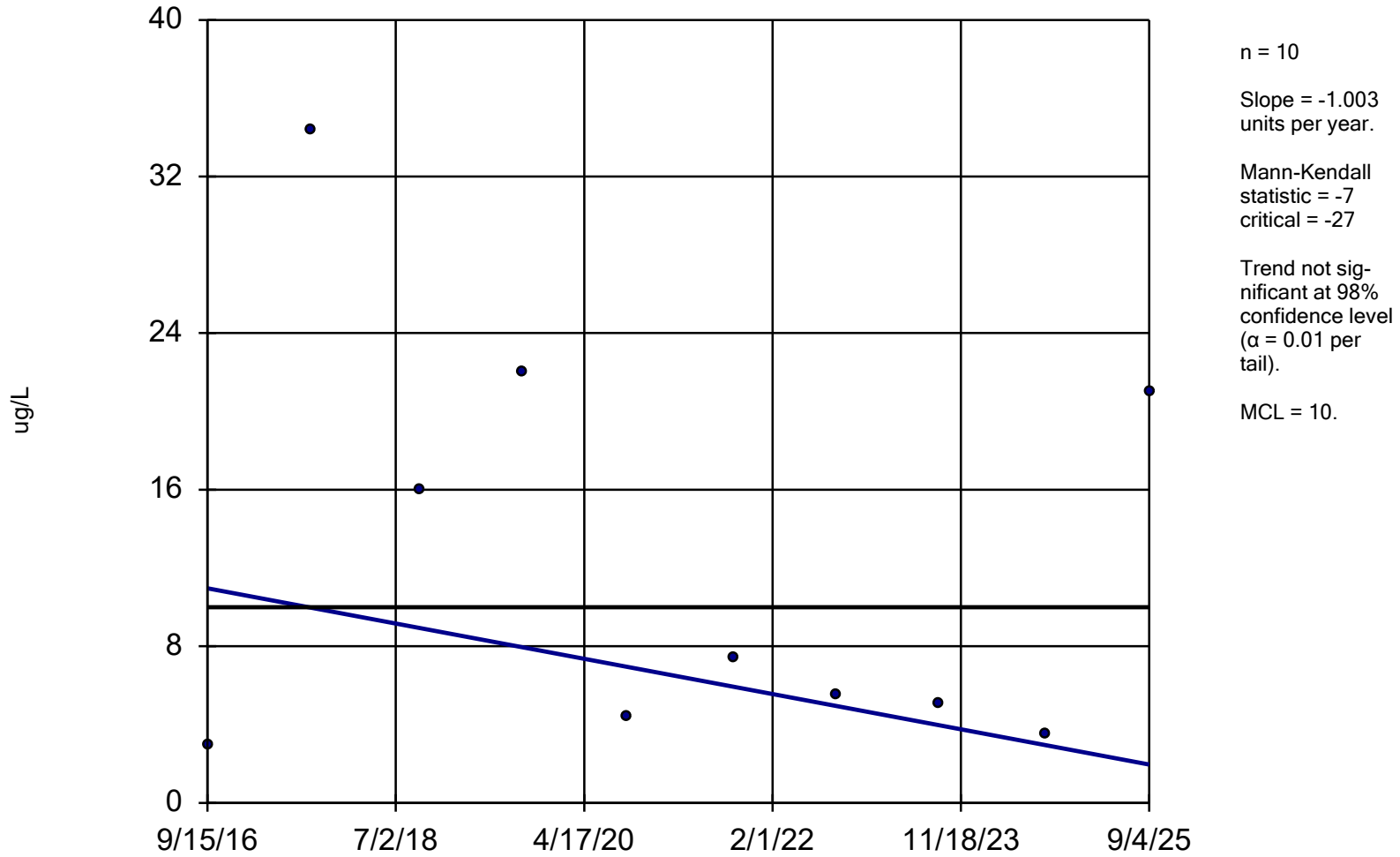
Sen's Slope Estimator

Constituent: Arsenic (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11
9/22/2016	2.2
9/10/2017	8
9/24/2018	0.8 (J)
9/18/2019	2.3
9/10/2020	<0.88
9/22/2021	1.4 (J)
9/13/2022	1.3 (J)
9/7/2023	0.93 (J)
9/10/2024	2.4 (J)
9/4/2025	1.5 (J)

Arsenic

MW-12



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

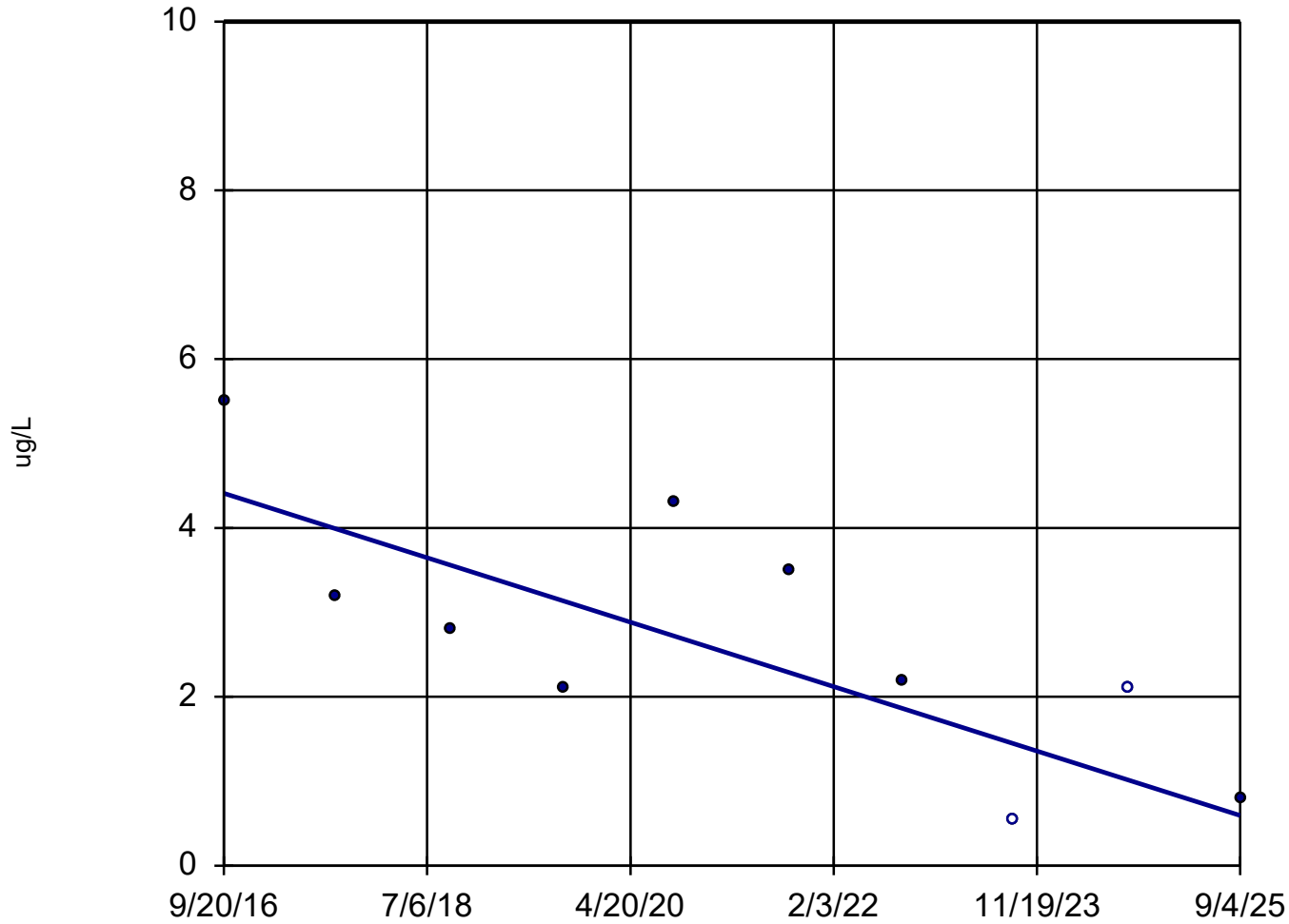
Sen's Slope Estimator

Constituent: Arsenic (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-12

9/15/2016	2.9
9/12/2017	34.4
9/24/2018	16
9/18/2019	22
9/10/2020	4.4
9/22/2021	7.4
9/13/2022	5.5
9/6/2023	5.1
9/10/2024	3.5
9/4/2025	21

Arsenic MW-15



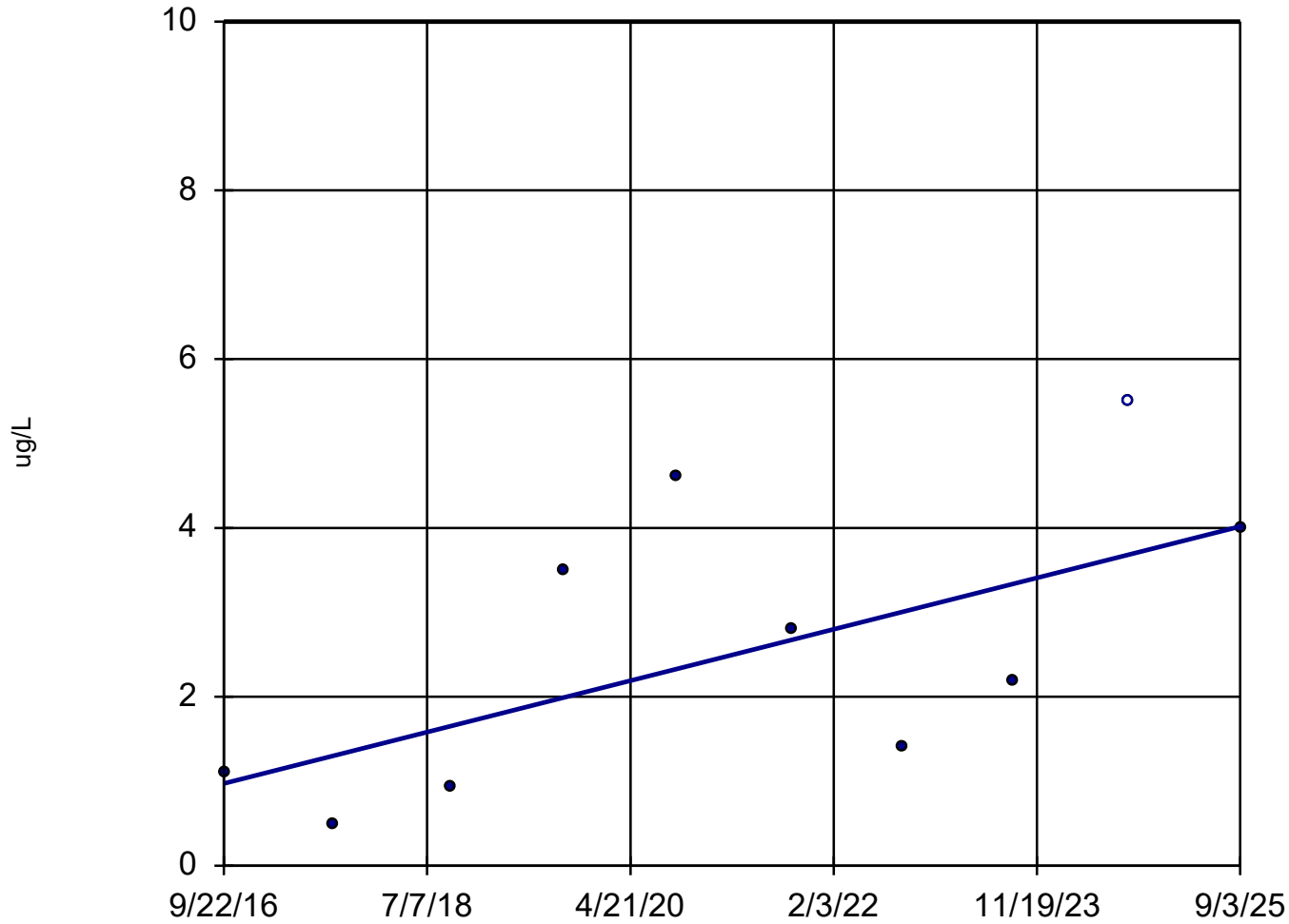
n = 10
Slope = -0.426
units per year.
Mann-Kendall
statistic = -26
critical = -27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).
MCL = 10.

Sen's Slope Estimator

Constituent: Arsenic (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-15
9/20/2016	5.5
9/12/2017	3.2
9/20/2018	2.8
9/19/2019	2.1
9/11/2020	4.3
9/17/2021	3.5
9/14/2022	2.2
9/7/2023	<0.53 (U)
9/11/2024	<2.1
9/4/2025	0.78 (J)

Arsenic MW-16



n = 10
Slope = 0.34
units per year.
Mann-Kendall
statistic = 21
critical = 27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).
MCL = 10.

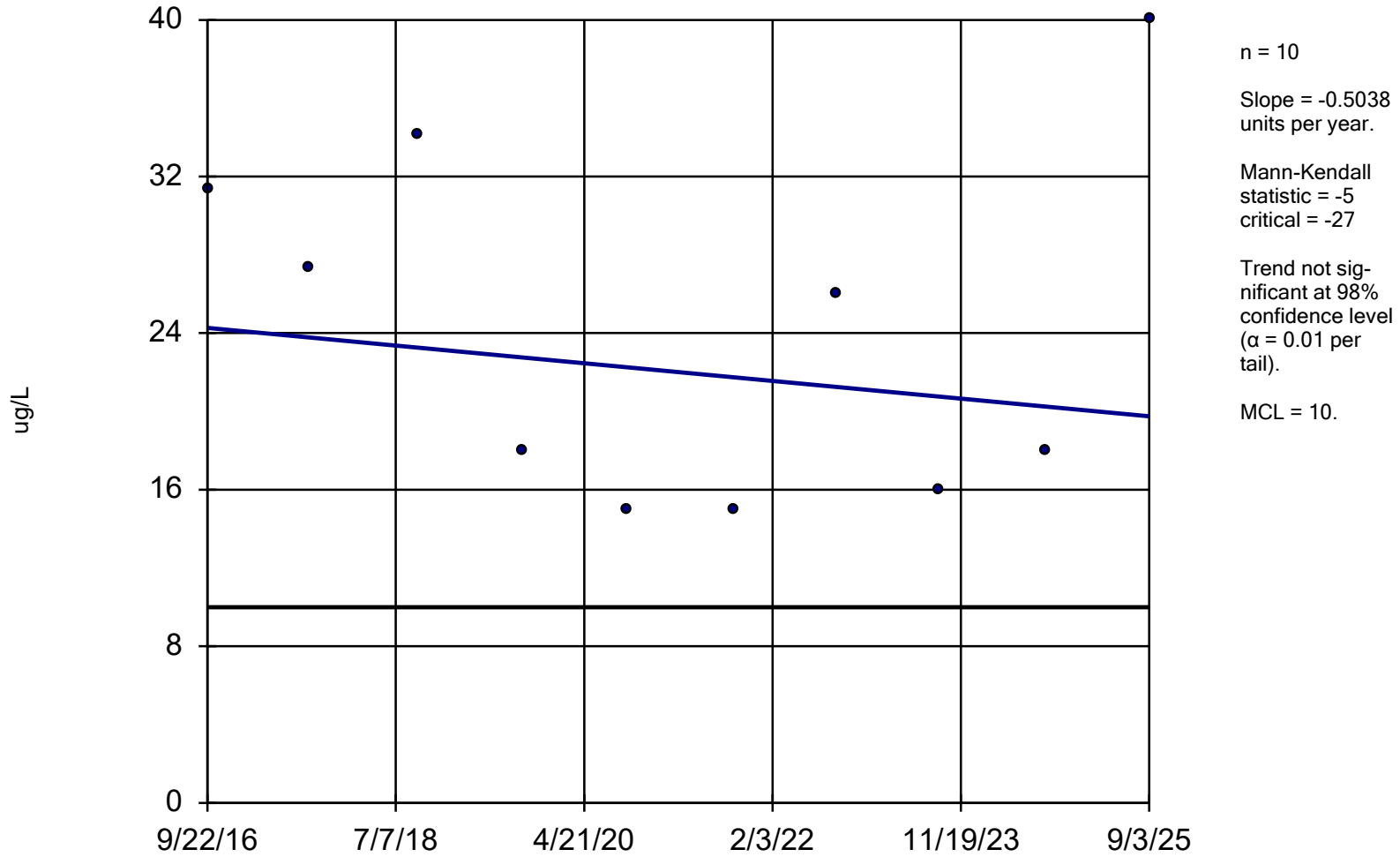
Sen's Slope Estimator

Constituent: Arsenic (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-16
9/22/2016	1.1
9/12/2017	0.5 (J)
9/21/2018	0.94 (J)
9/18/2019	3.5
9/14/2020	4.6
9/21/2021	2.8
9/14/2022	1.4 (J)
9/6/2023	2.2
9/10/2024	<11
9/3/2025	4

Arsenic

MW-21



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

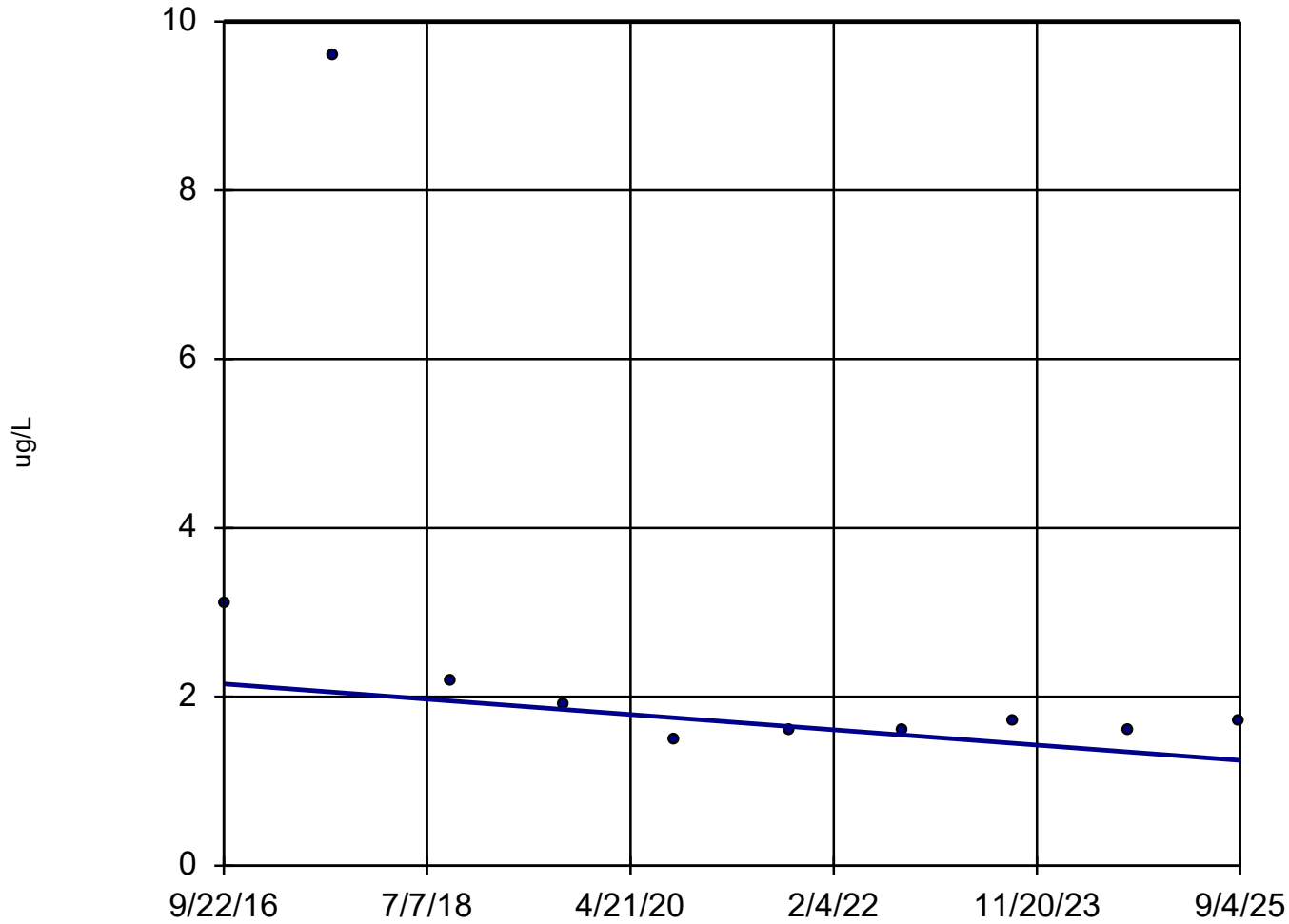
Sen's Slope Estimator

Constituent: Arsenic (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-21
9/22/2016	31.4
9/11/2017	27.4
9/24/2018	34.1
9/19/2019	18
9/15/2020	15
9/20/2021	15
9/14/2022	26
9/7/2023	16
9/10/2024	18
9/3/2025	40

Arsenic

MW-24



n = 10

Slope = -0.1009
units per year.

Mann-Kendall
statistic = -19
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

MCL = 10.

Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

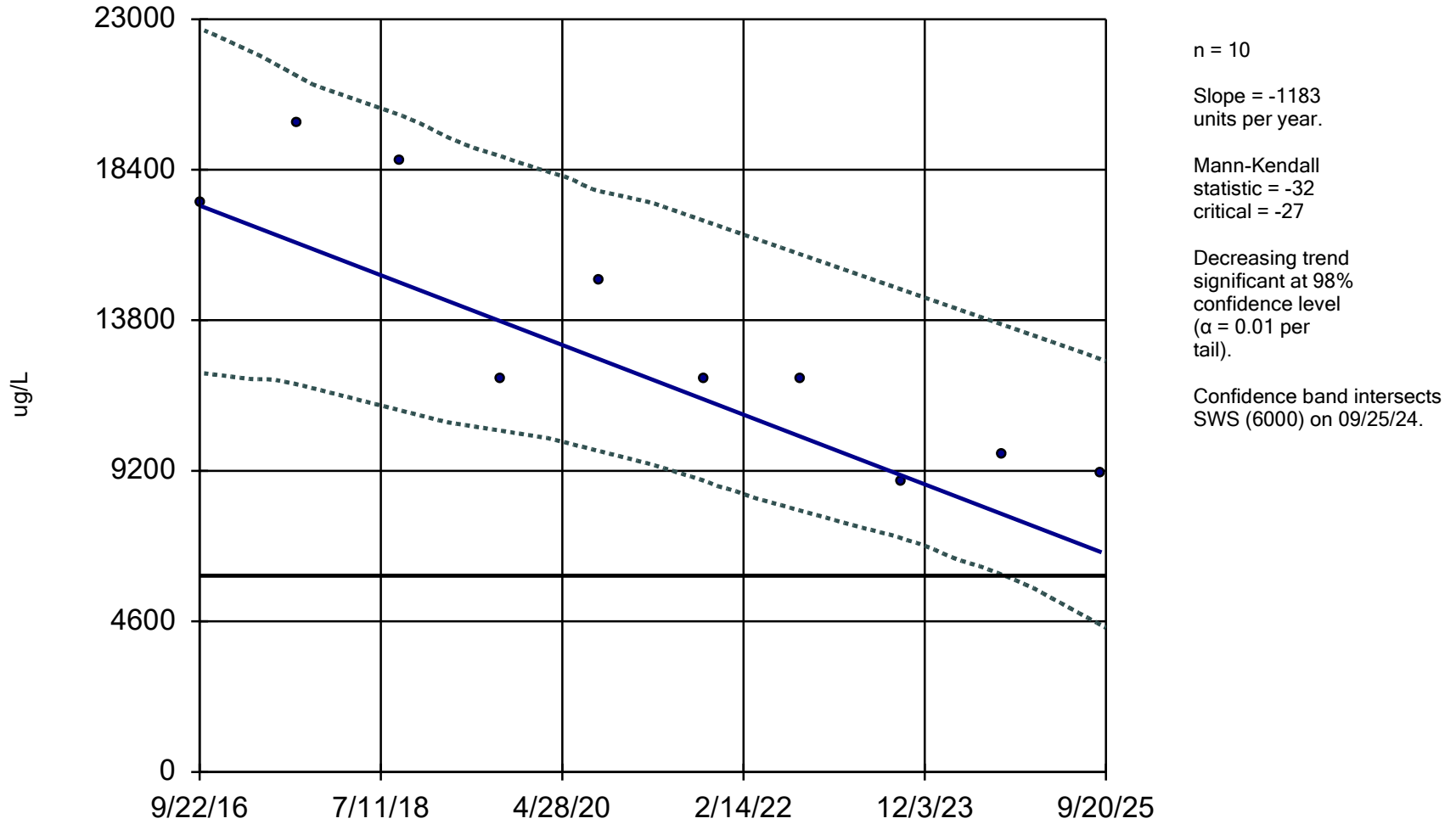
Constituent: Arsenic (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-24

9/22/2016	3.1
9/11/2017	9.6
9/24/2018	2.2
9/19/2019	1.9 (J)
9/10/2020	1.5 (J)
9/16/2021	1.6 (J)
9/13/2022	1.6 (J)
9/6/2023	1.7 (J)
9/10/2024	1.6 (J)
9/4/2025	1.7 (J)

Boron

MW-10



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

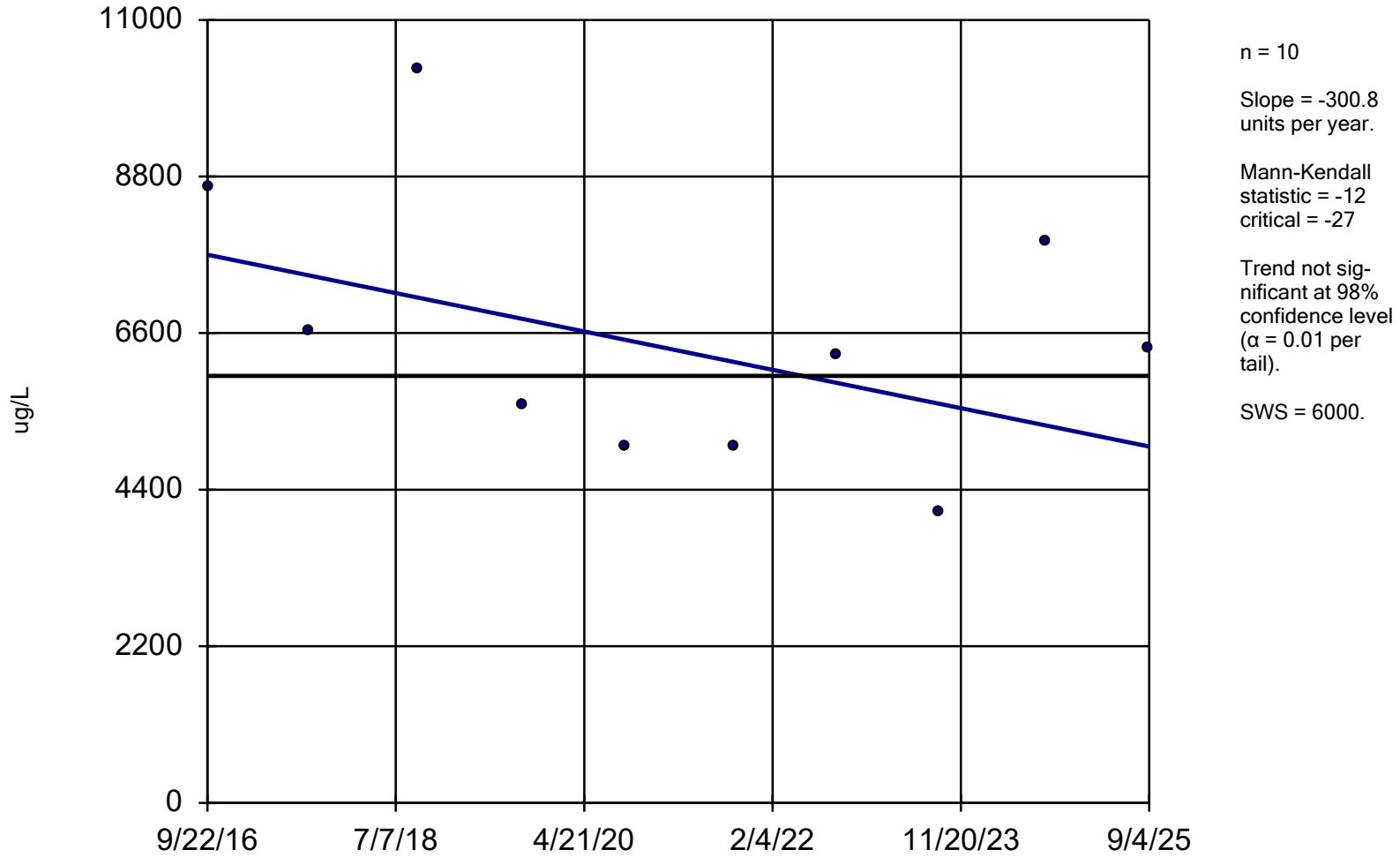
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	LCL	UCL
9/22/2016	17400	12195	22712
9/10/2017	19800	11846	21267
9/20/2018	18700	11045	20066
9/18/2019	12000	10427	18816
9/10/2020	15000	9802	17745
9/22/2021	12000	8908	16846
9/13/2022	12000	7975	15801
9/6/2023	8900	7153	14751
9/10/2024	9700	6022	13666
9/4/2025	9100	4480	12601

Boron

MW-11



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

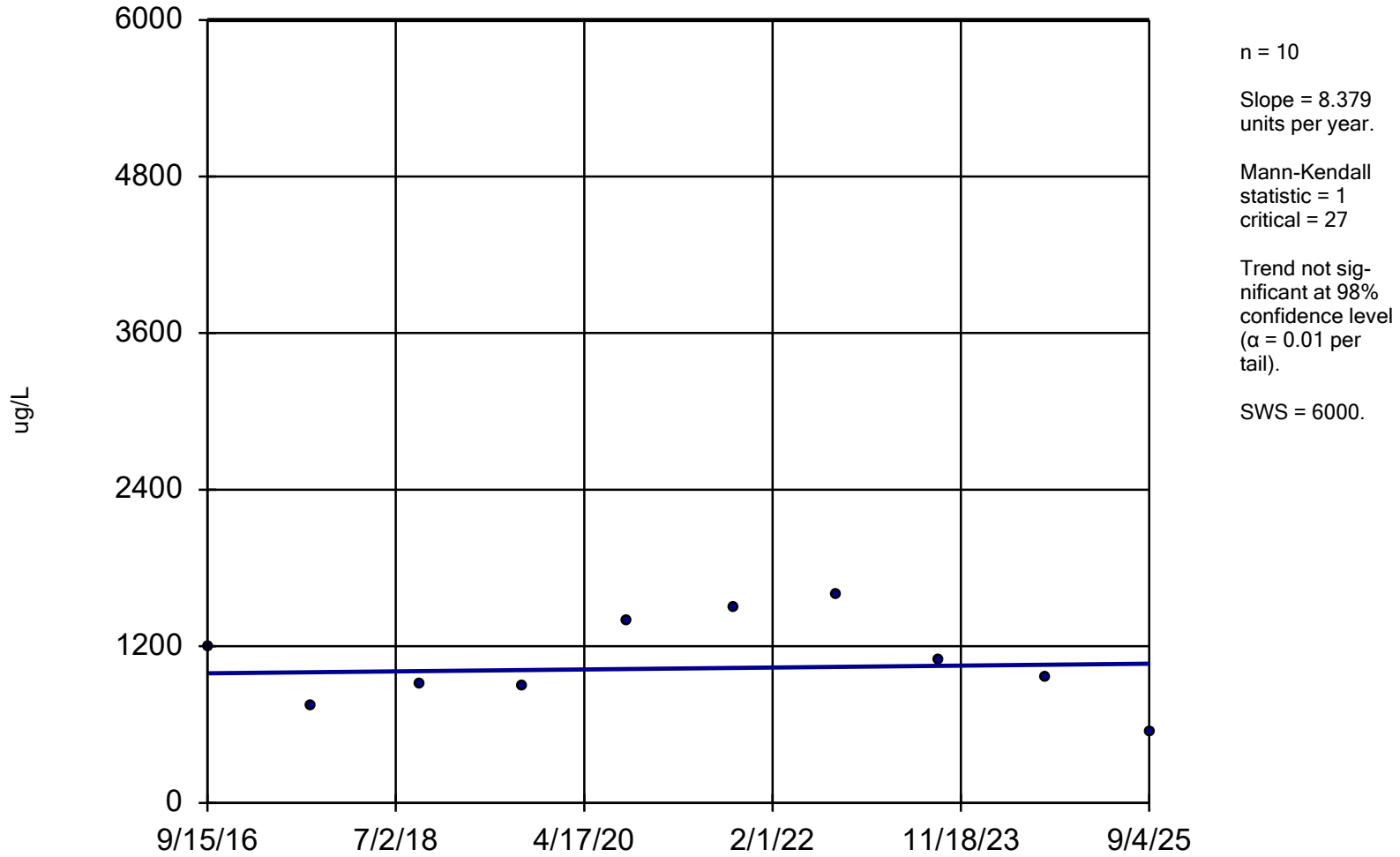
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11
9/22/2016	8650
9/10/2017	6630
9/24/2018	10300
9/18/2019	5600
9/10/2020	5000
9/22/2021	5000
9/13/2022	6300
9/7/2023	4100
9/10/2024	7900
9/4/2025	6400

Boron

MW-12



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

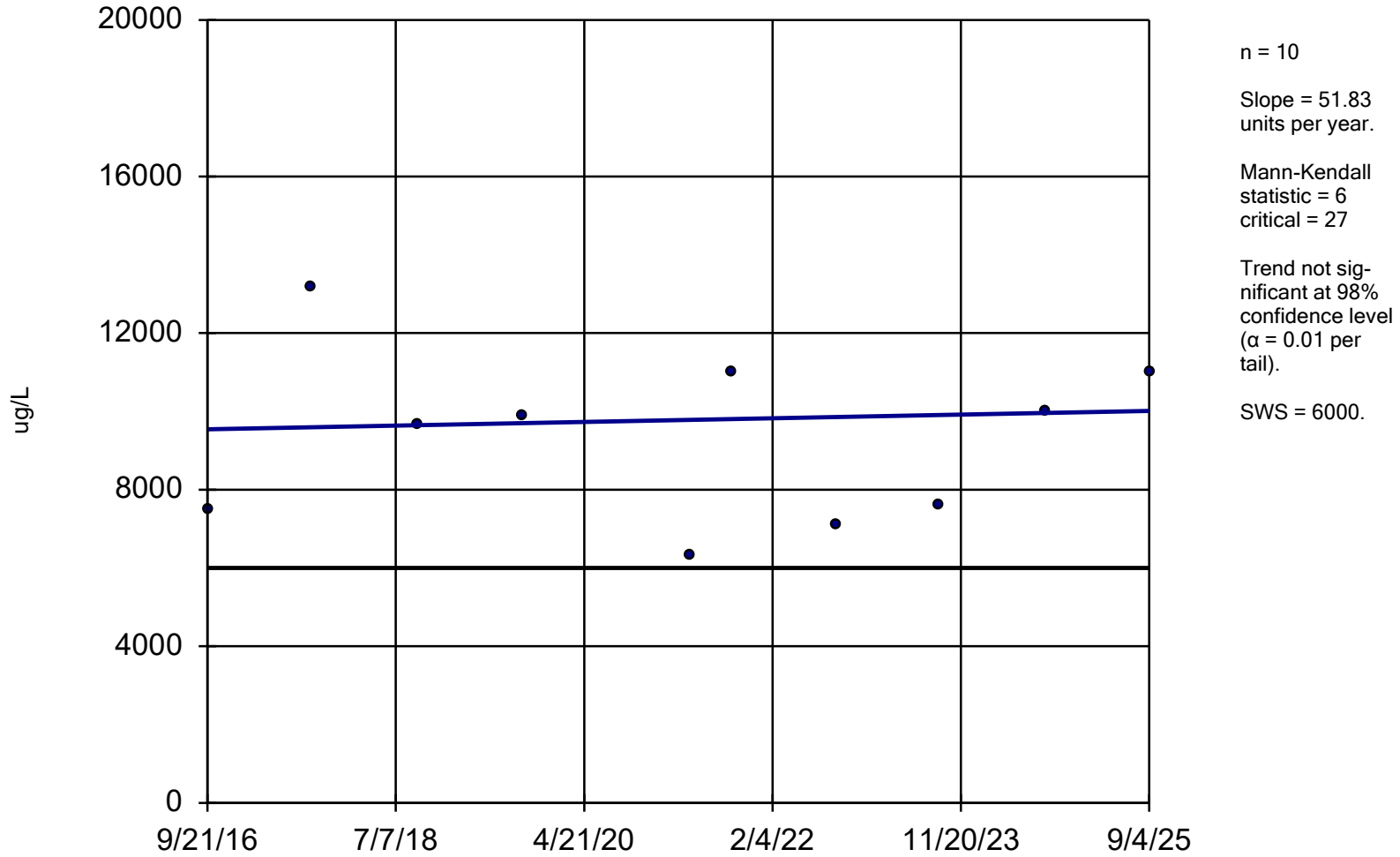
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12
9/15/2016	1200
9/12/2017	741
9/24/2018	910
9/18/2019	890
9/10/2020	1400
9/22/2021	1500
9/13/2022	1600
9/6/2023	1100
9/10/2024	960
9/4/2025	540

Boron

MW-13



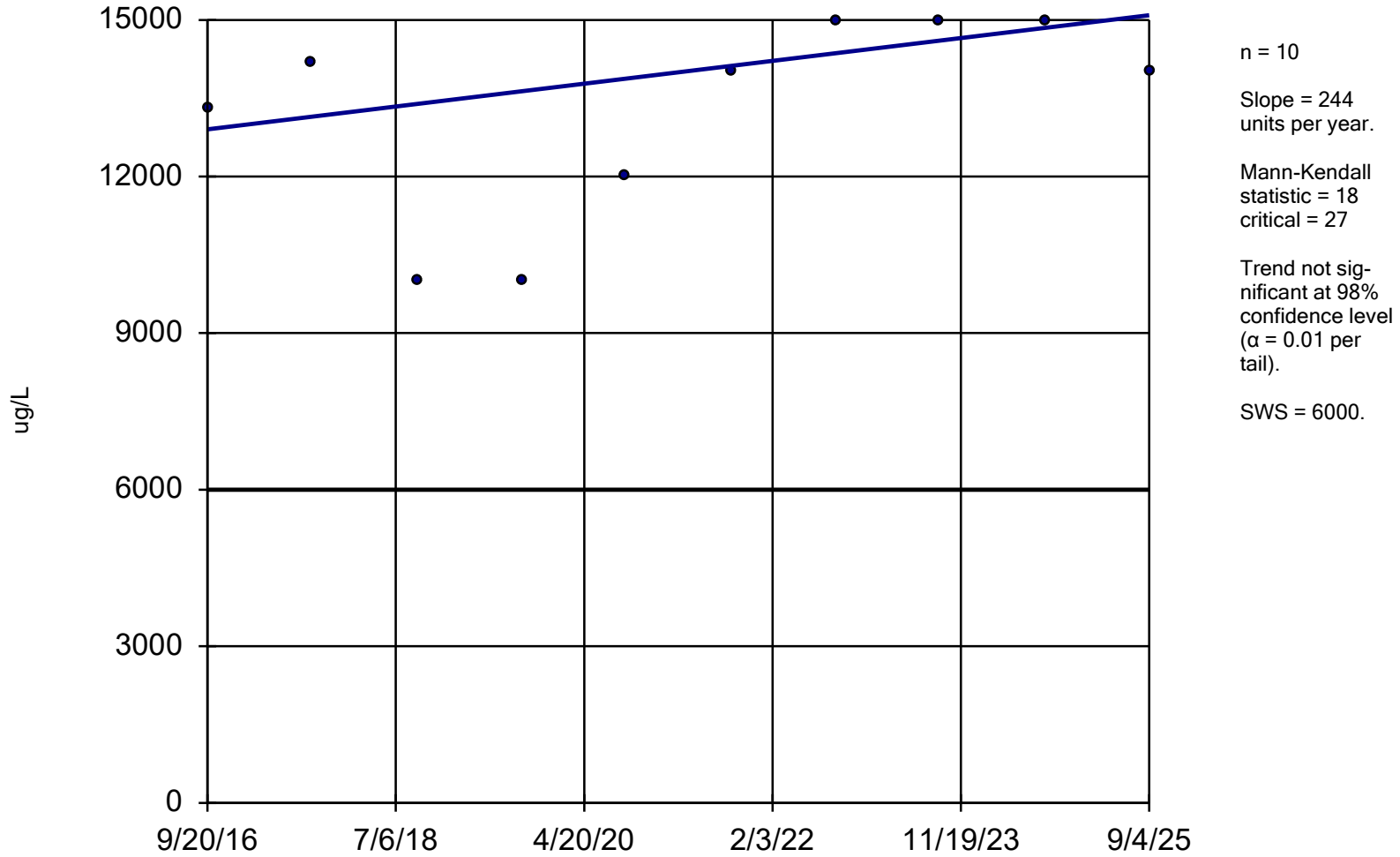
Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-13
9/21/2016	7470
9/12/2017	13200
9/20/2018	9690
9/18/2019	9900
4/28/2021	6300
9/16/2021	11000
9/12/2022	7100
9/7/2023	7600
9/11/2024	10000
9/4/2025	11000

Boron MW-15



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

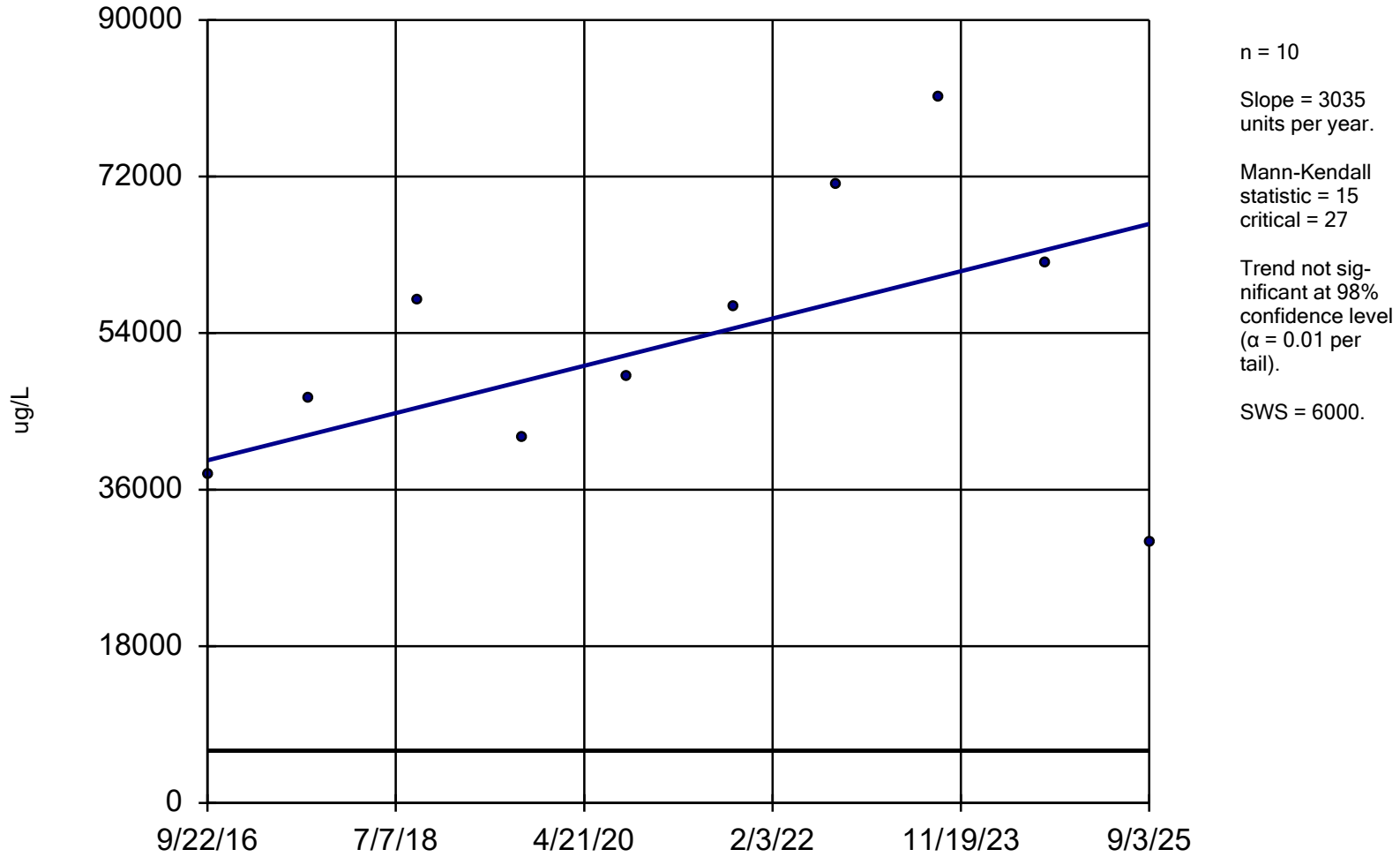
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-15
9/20/2016	13300
9/12/2017	14200
9/20/2018	10000
9/19/2019	10000
9/11/2020	12000
9/17/2021	14000
9/14/2022	15000
9/7/2023	15000
9/11/2024	15000
9/4/2025	14000

Boron

MW-16



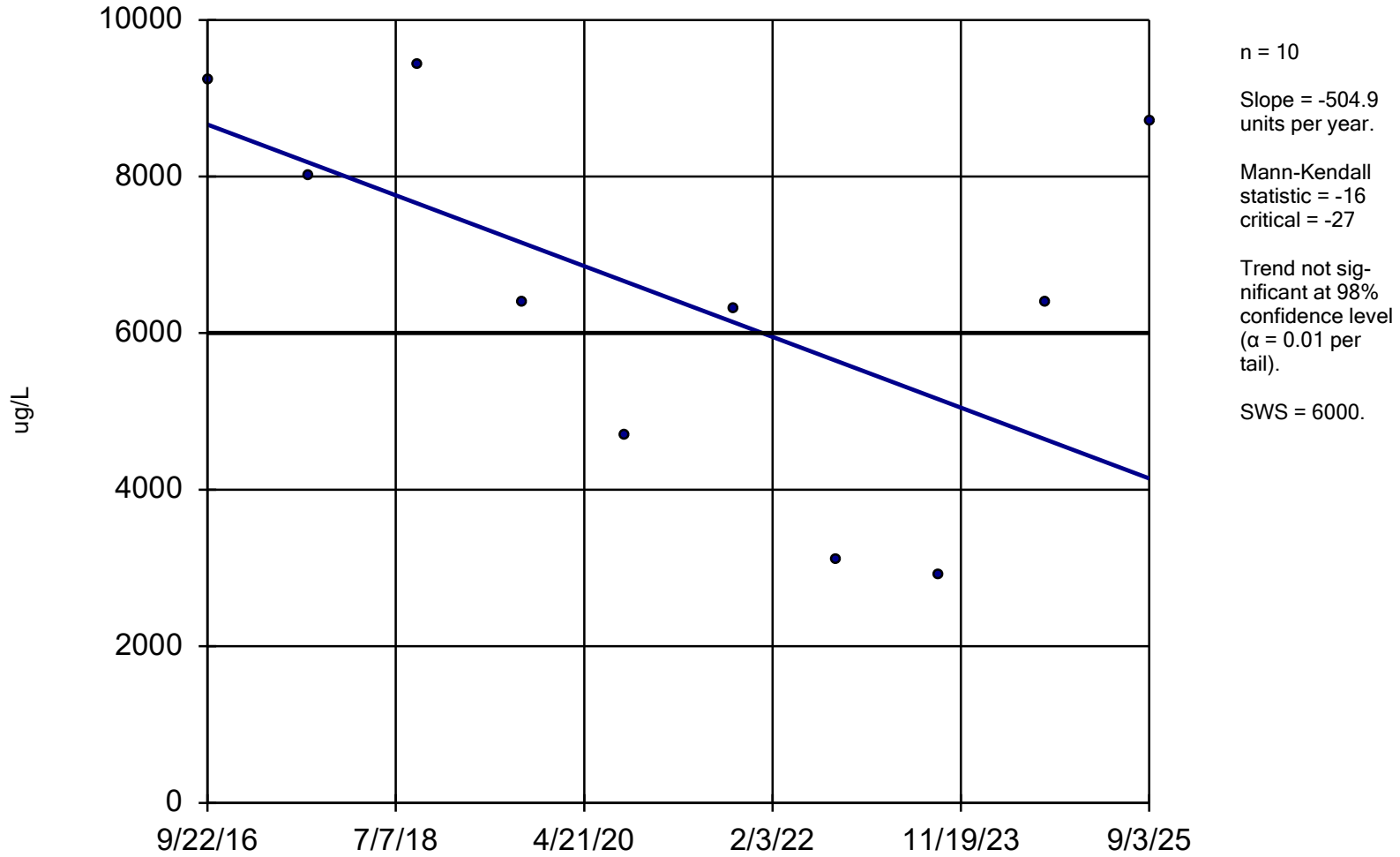
Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-16
9/22/2016	37800
9/12/2017	46400
9/21/2018	57700
9/18/2019	42000
9/14/2020	49000
9/21/2021	57000
9/14/2022	71000
9/6/2023	81000
9/10/2024	62000
9/3/2025	30000

Boron MW-18



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

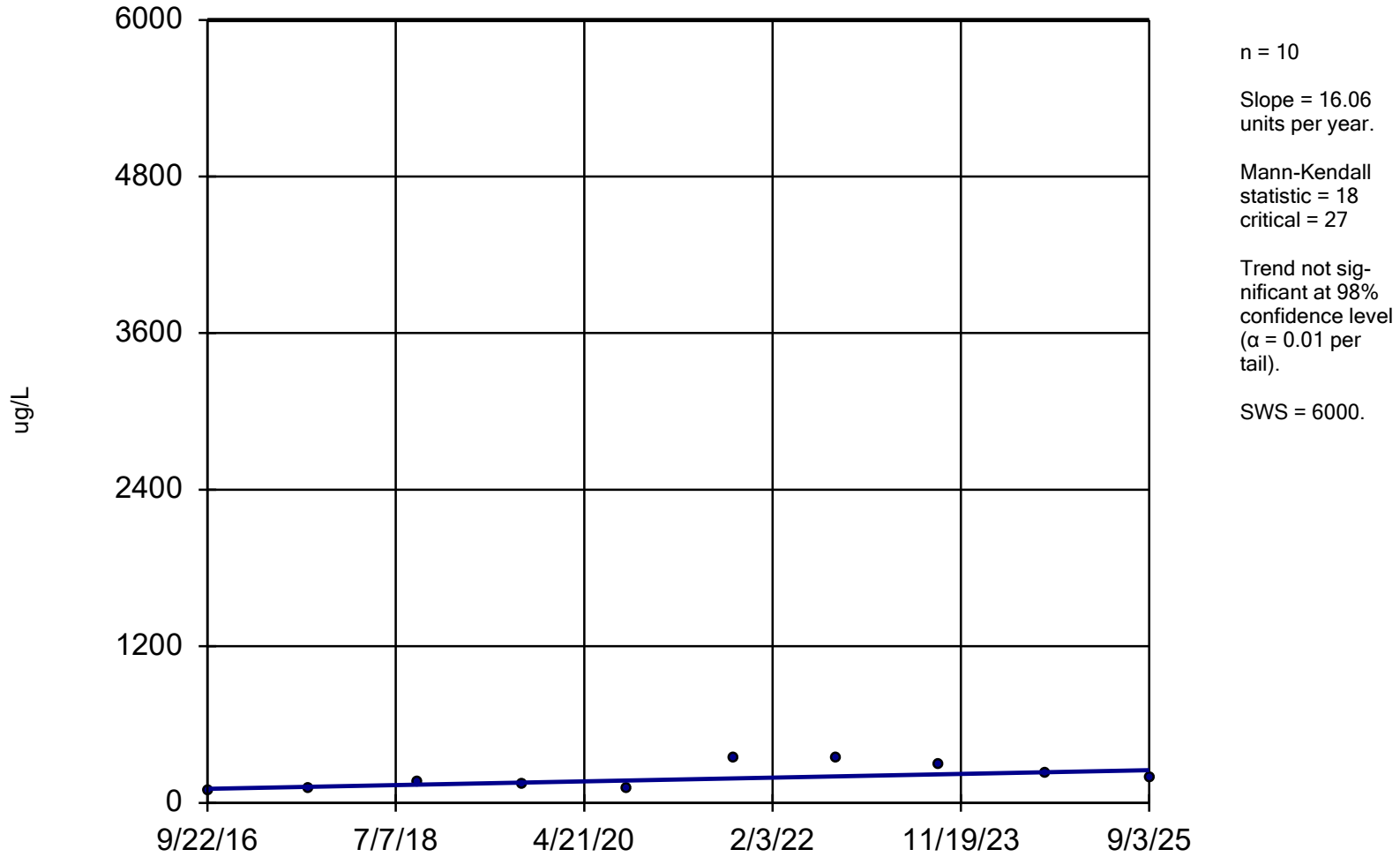
Constituent: Boron (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-18

9/22/2016	9240
9/10/2017	8020
9/20/2018	9420
9/18/2019	6400
9/11/2020	4700
9/21/2021	6300
9/14/2022	3100
9/6/2023	2900
9/11/2024	6400
9/3/2025	8700

Boron

MW-21



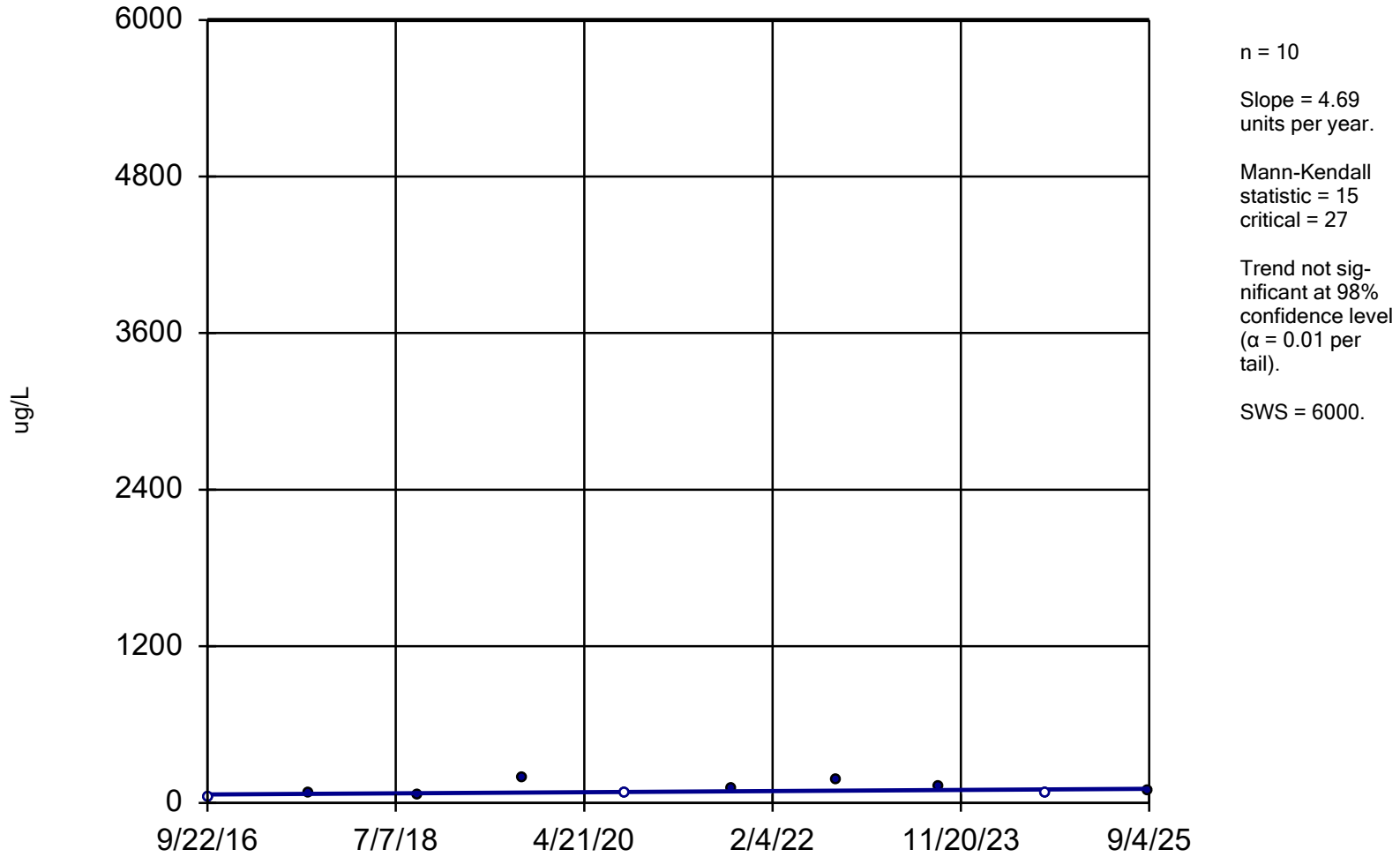
Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-21
9/22/2016	86.8 (J)
9/11/2017	116
9/24/2018	158
9/19/2019	140 (J)
9/15/2020	110
9/20/2021	350
9/14/2022	350
9/7/2023	300
9/10/2024	220
9/3/2025	200

Boron MW-24



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

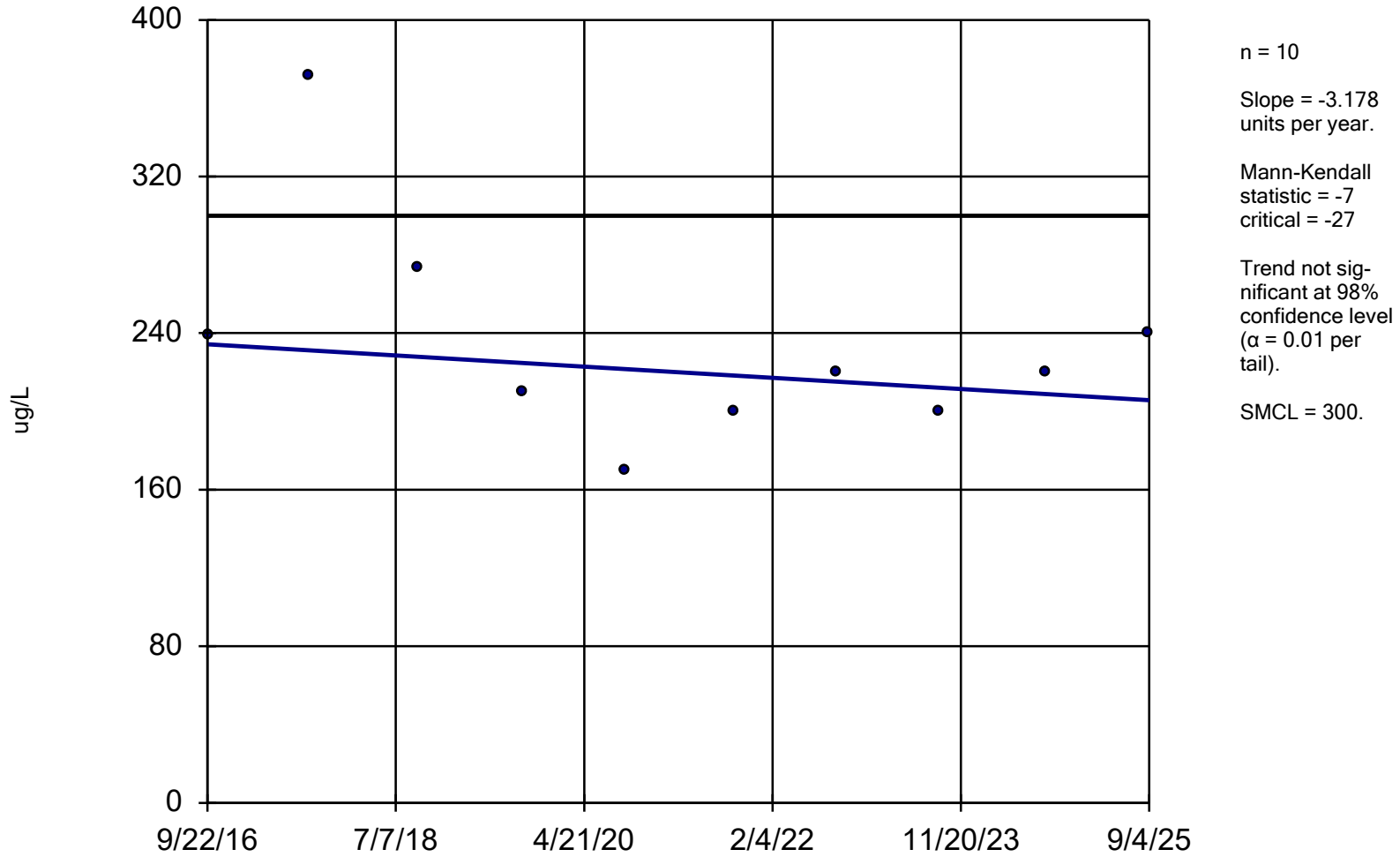
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-24
9/22/2016	<50
9/11/2017	72.7 (J)
9/24/2018	65.7 (J)
9/19/2019	190 (J)
9/10/2020	<80
9/16/2021	110
9/13/2022	180
9/6/2023	130
9/10/2024	<76
9/4/2025	92 (J)

Manganese

MW-11



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

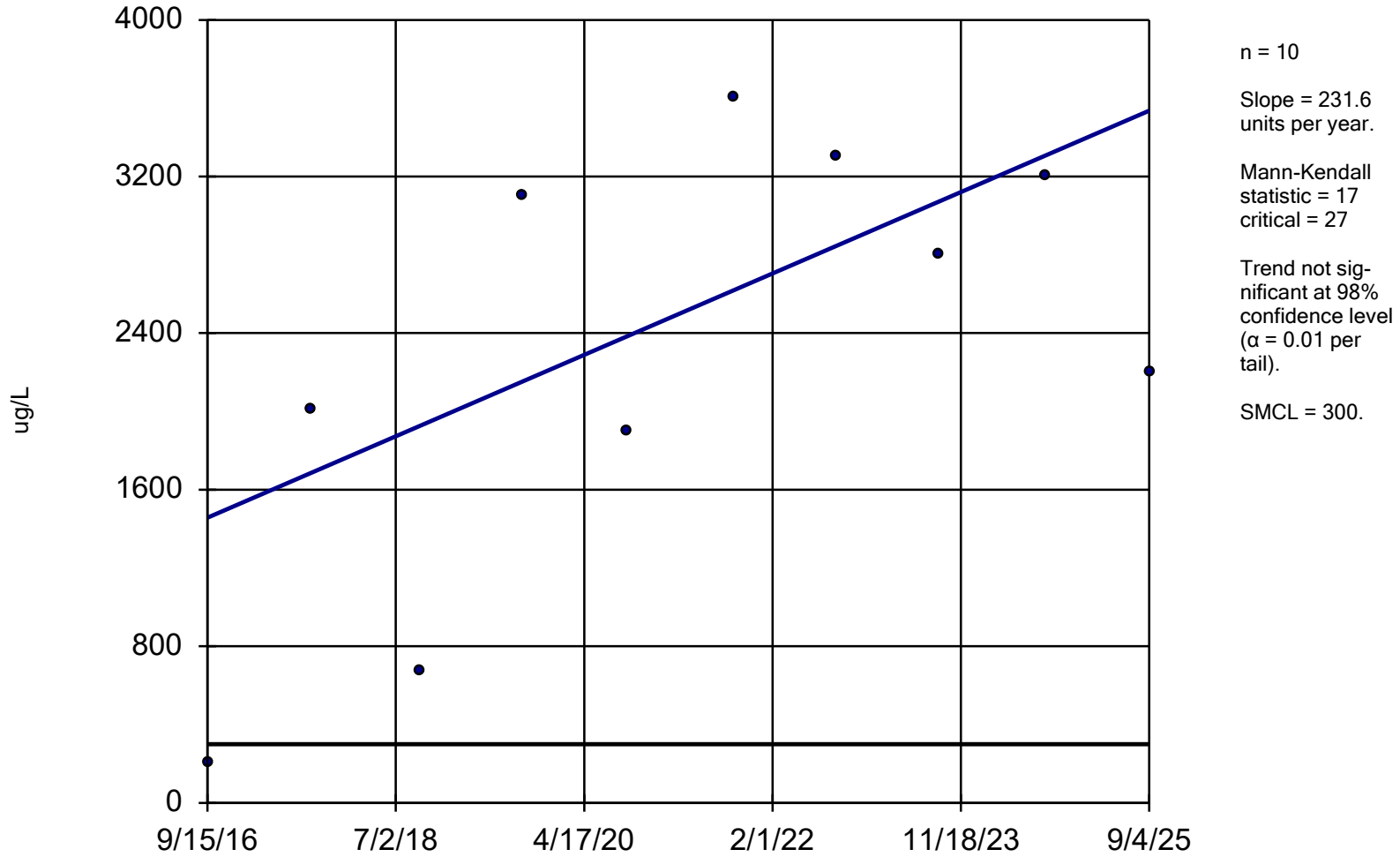
Constituent: Manganese (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-11

9/22/2016	239
9/10/2017	372
9/24/2018	274
9/18/2019	210
9/10/2020	170
9/22/2021	200
9/13/2022	220
9/7/2023	200
9/10/2024	220
9/4/2025	240

Manganese

MW-12



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

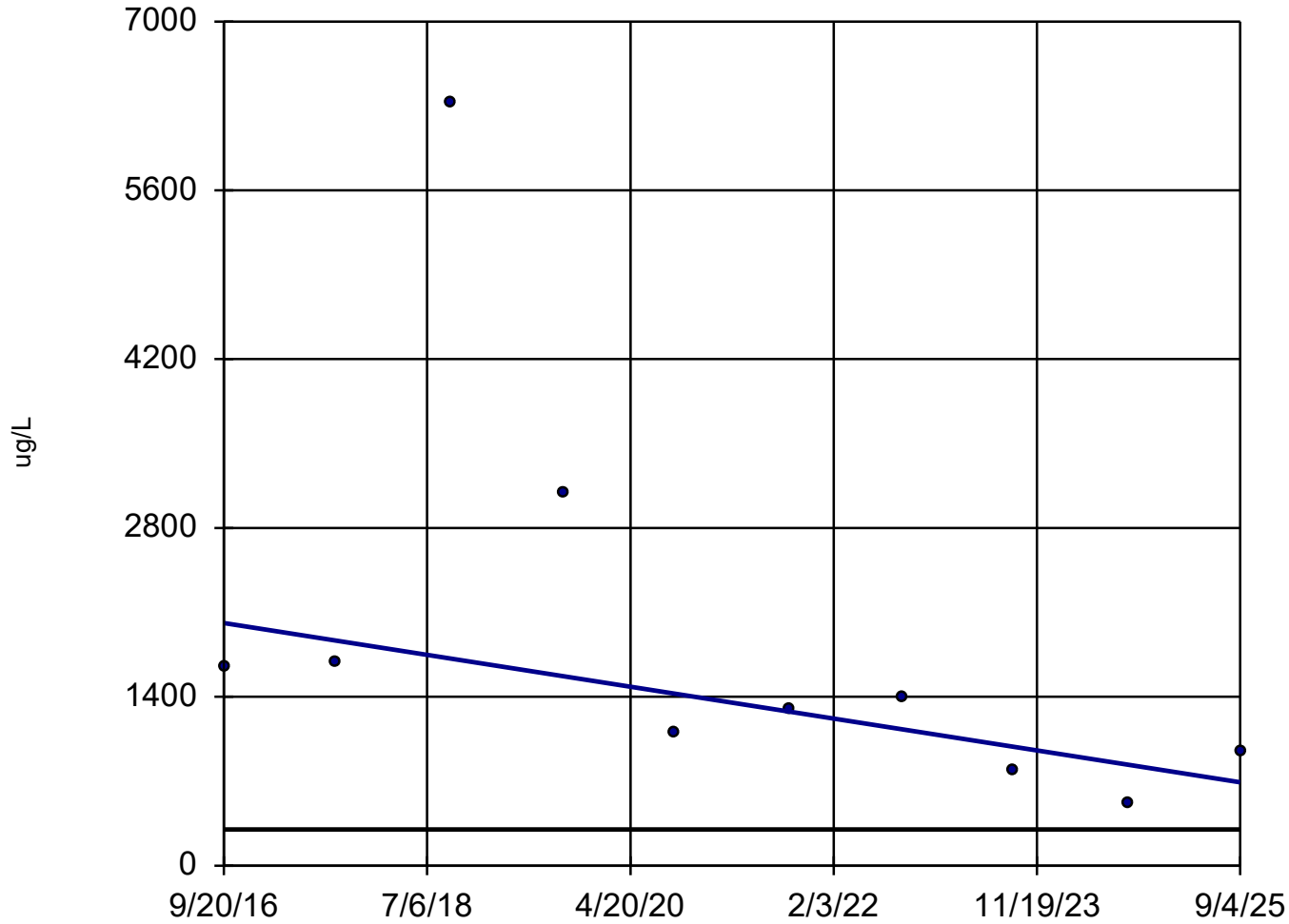
Constituent: Manganese (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-12

9/15/2016	201
9/12/2017	2010
9/24/2018	670
9/18/2019	3100
9/10/2020	1900
9/22/2021	3600
9/13/2022	3300
9/6/2023	2800
9/10/2024	3200
9/4/2025	2200

Manganese

MW-15



n = 10
Slope = -147.4
units per year.
Mann-Kendall
statistic = -25
critical = -27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).
SMCL = 300.

Sen's Slope Estimator

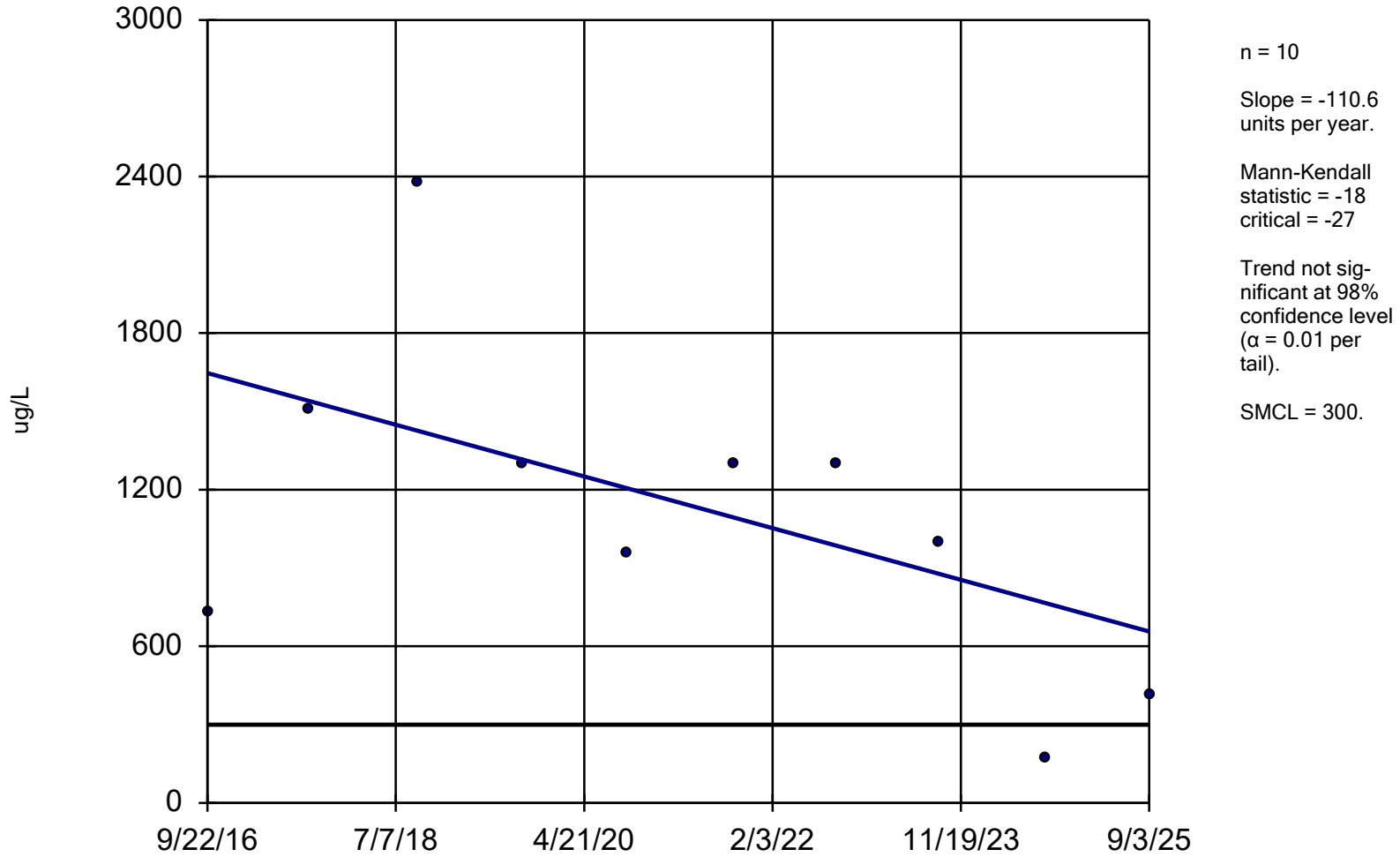
Constituent: Manganese (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-15

9/20/2016	1640
9/12/2017	1690
9/20/2018	6320
9/19/2019	3100
9/11/2020	1100
9/17/2021	1300
9/14/2022	1400
9/7/2023	780
9/11/2024	510
9/4/2025	940

Manganese

MW-16



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

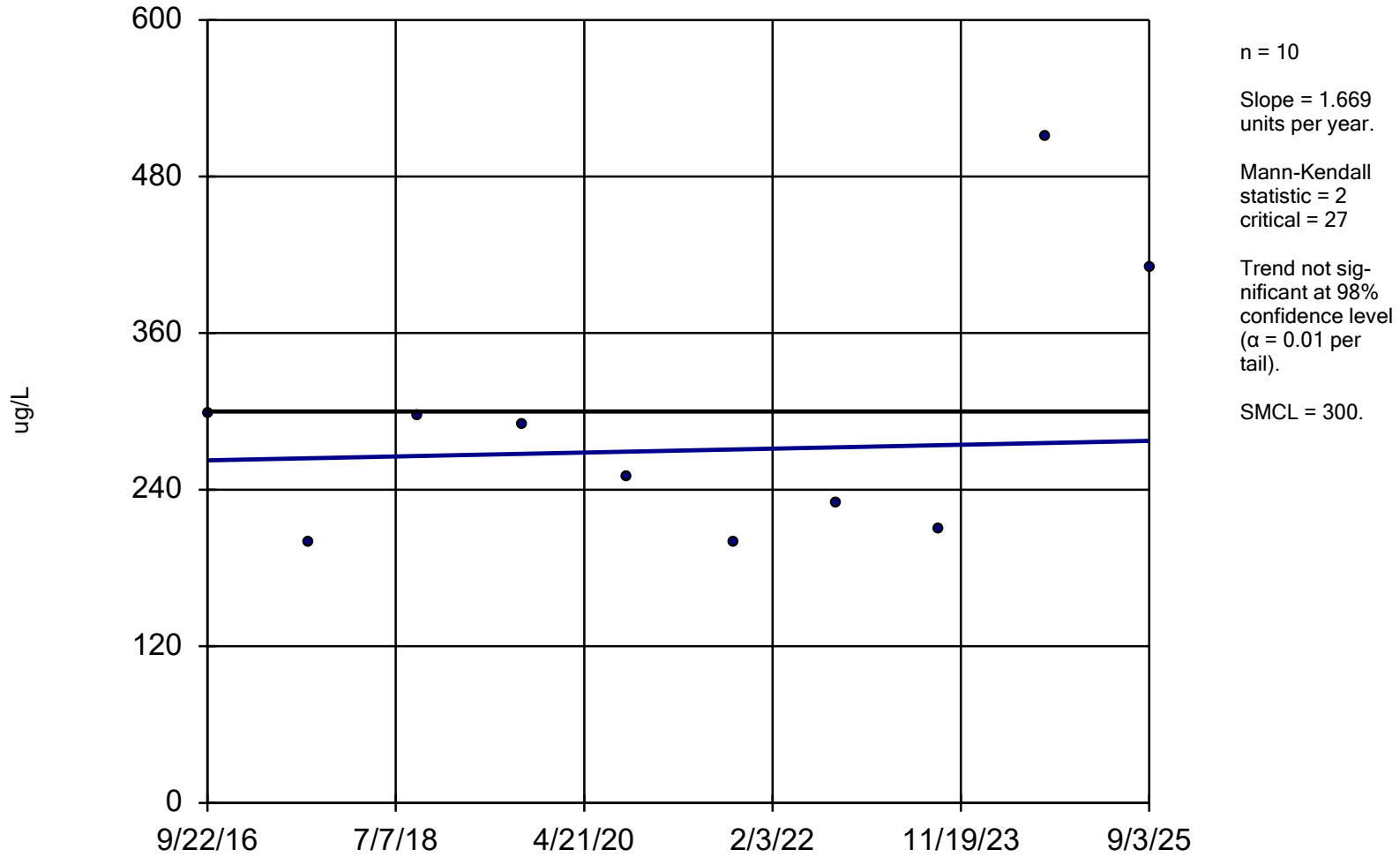
Sen's Slope Estimator

Constituent: Manganese (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-16
9/22/2016	731
9/12/2017	1510
9/21/2018	2380
9/18/2019	1300
9/14/2020	960
9/21/2021	1300
9/14/2022	1300
9/6/2023	1000
9/10/2024	170 (J)
9/3/2025	410

Manganese

MW-21



Sen's Slope and 95% Confidence Band Analysis Run 1/1/2026 10:58 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

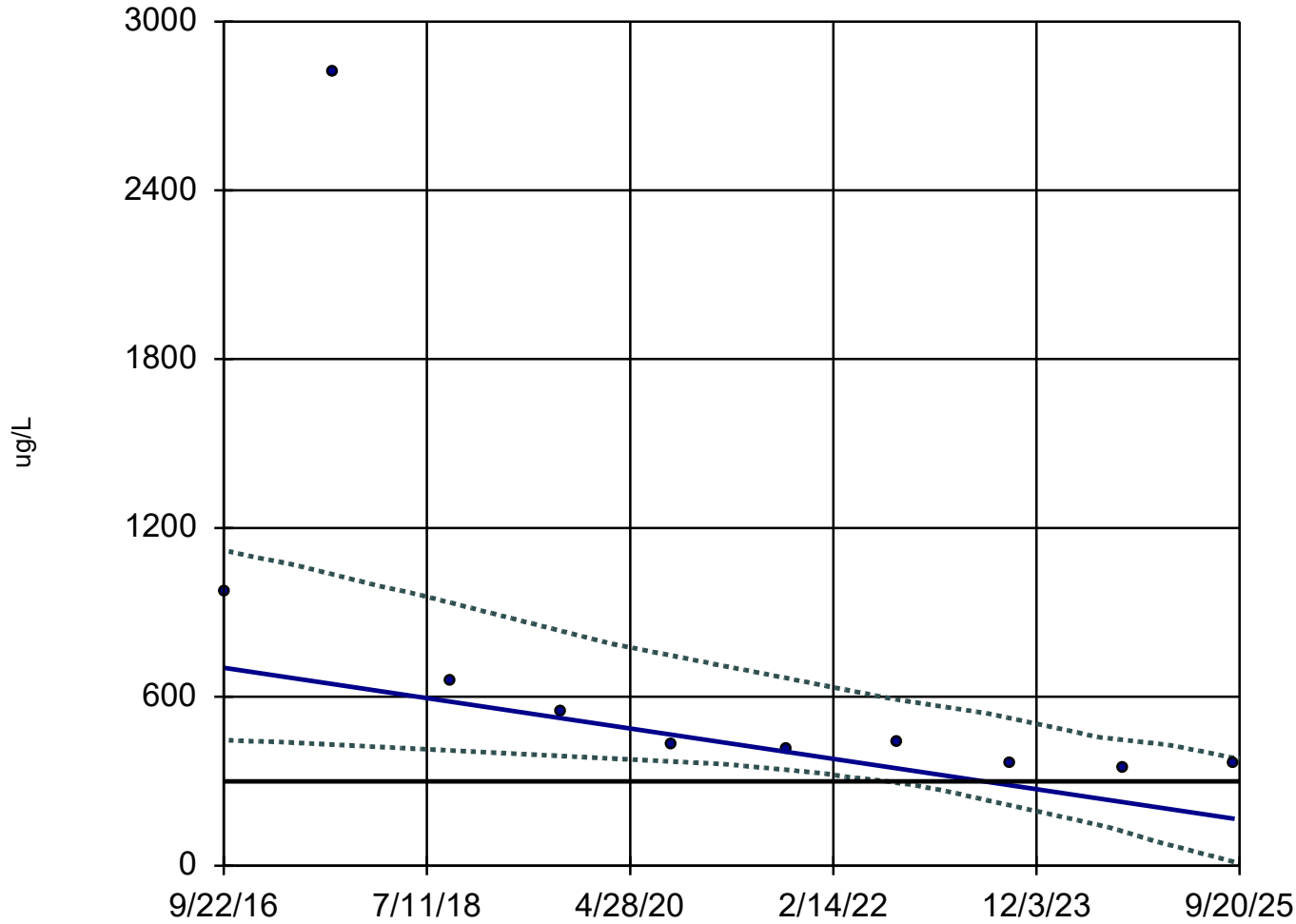
Constituent: Manganese (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-21

9/22/2016	298
9/11/2017	200
9/24/2018	296
9/19/2019	290
9/15/2020	250
9/20/2021	200
9/14/2022	230
9/7/2023	210
9/10/2024	510
9/3/2025	410

Manganese

MW-24



n = 10
Slope = -59.96
units per year.
Mann-Kendall
statistic = -36
critical = -27
Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).
Confidence band intersects
SMCL (300) on 09/04/22.

Sen's Slope Estimator

Constituent: Manganese (ug/L) Analysis Run 1/1/2026 11:02 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-24	LCL	UCL
9/22/2016	973	446.4	1121
9/11/2017	2820	430.1	1035
9/24/2018	657	409.4	934.7
9/19/2019	550	389.7	833.7
9/10/2020	430	370.1	746.4
9/16/2021	410	340.4	666.3
9/13/2022	440	293.6	589.4
9/6/2023	360	215	524.8
9/10/2024	350	121.1	446.8
9/4/2025	360	12.92	383.1

G2 Trend Analyses and Time Series Plots for Boron, Magnesium, Specific Conductance, and Sulfate

Trend Test

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint Printed 1/22/2026, 3:16 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron (ug/L)	MW-10	-1183	-32	-27	Yes	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-11	-300.8	-12	-27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-12	8.379	1	27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-13	51.83	6	27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-14	-943	0	10	No	5	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-15	244	18	27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-16	3035	15	27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-17	-34.62	-7	-27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-18	-504.9	-16	-27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-20	1414	4	8	No	4	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-21	16.06	18	27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-22	5.021	17	27	No	10	10	n/a	n/a	0.02	NP
Boron (ug/L)	MW-23	16.09	21	27	No	10	20	n/a	n/a	0.02	NP
Boron (ug/L)	MW-24	4.69	15	27	No	10	30	n/a	n/a	0.02	NP
Boron (ug/L)	MW-25	0	0	27	No	10	30	n/a	n/a	0.02	NP
Boron (ug/L)	MW-26	2.954	9	27	No	10	60	n/a	n/a	0.02	NP
Boron (ug/L)	MW-27	-10.74	-16	-23	No	9	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-2A (bg)	-8.951	-21	-27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-3	3.726	19	27	No	10	80	n/a	n/a	0.02	NP
Boron (ug/L)	MW-8 (bg)	-2.498	-1	-27	No	10	0	n/a	n/a	0.02	NP
Boron (ug/L)	MW-9	142.9	9	27	No	10	10	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-10	-21.91	-7	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-11	-36.76	-3	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-12	7.184	7	27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-13	-64.18	-17	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-14	-211.6	-8	-10	No	5	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-15	-7.893	-4	-23	No	9	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-16	-203.2	-17	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-17	-39.46	-15	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-18	-82.82	-15	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-20	-467.3	NaN	NaN	No	3	0	n/a	n/a	NaN	NP
Field Specific Conductance (umh...	MW-21	11.17	3	27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-22	-35.53	-17	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-23	-25.78	-17	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-24	-0.1836	-1	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-25	5.032	5	27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-26	-0.4022	-1	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-27	-47.9	-20	-23	No	9	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-2A (bg)	-29.81	-15	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-3	-2.629	-1	-27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-8 (bg)	10.05	17	27	No	10	0	n/a	n/a	0.02	NP
Field Specific Conductance (umh...	MW-9	2.009	3	27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-10	-2156	-24	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-11	-501.4	-7	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-12	398.3	15	27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-13	-71.79	-2	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-14	-3142	-2	-10	No	5	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-15	-317.7	-6	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-16	-2172	-10	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-17	-837.7	-20	-27	No	10	0	n/a	n/a	0.02	NP

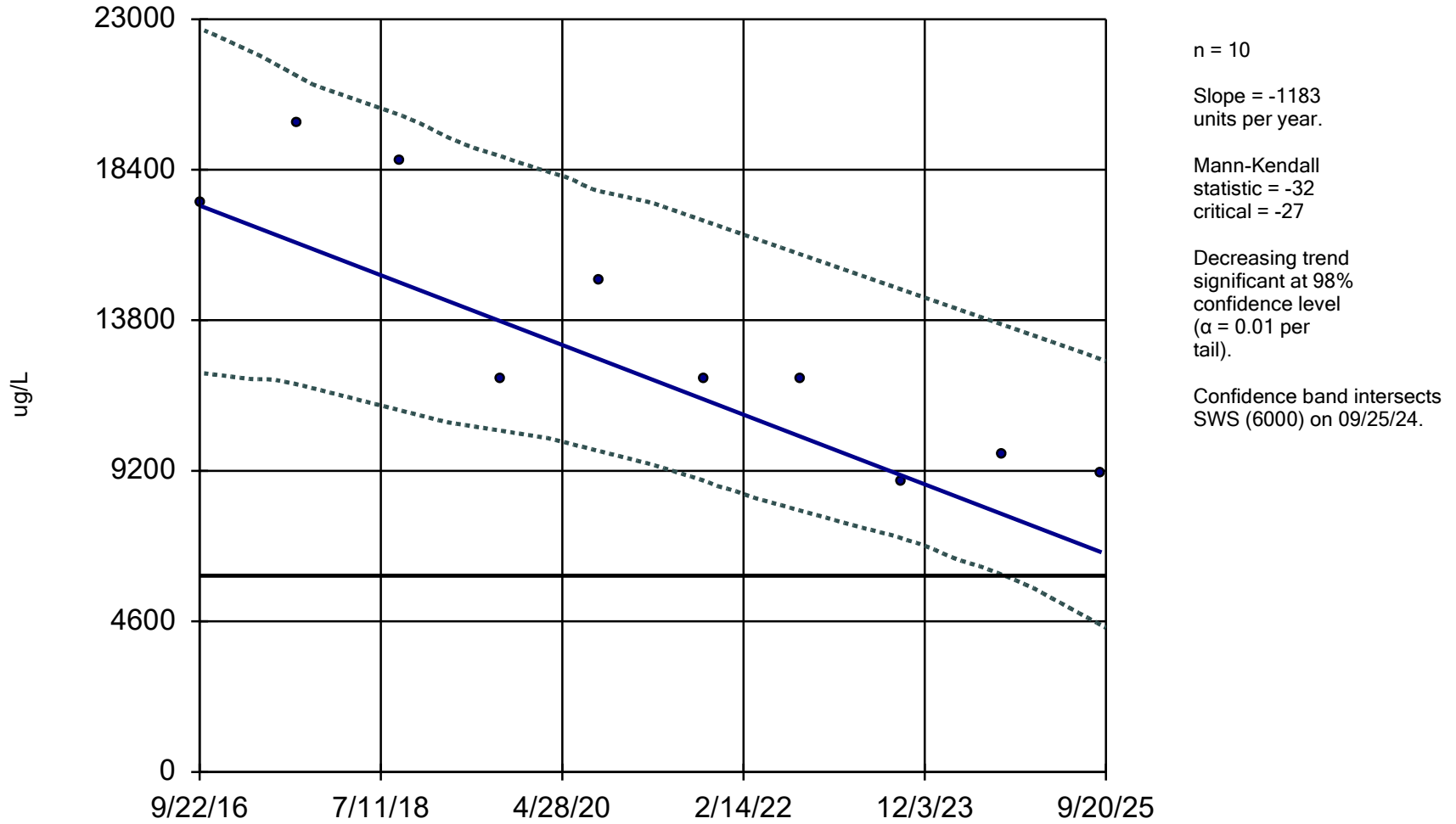
Trend Test

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint Printed 1/22/2026, 3:16 PM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Magnesium (ug/L)	MW-18	-2604	-23	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-20	3342	2	8	No	4	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-21	201.1	4	27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-22	-1174	-25	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-23	0	-1	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-24	-915.6	-21	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-25	-279.1	-19	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-26	50	5	27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-27	-2158	-30	-23	Yes	9	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-2A (bg)	-1020	-27	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-3	-30.12	-4	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-8 (bg)	-228.2	-14	-27	No	10	0	n/a	n/a	0.02	NP
Magnesium (ug/L)	MW-9	-671.2	-25	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-10	-30.08	-17	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-11	-30.5	-16	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-12	-2.847	-7	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-13	-44.51	-24	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-14	-68.95	0	10	No	5	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-15	-25.7	-5	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-16	-100.4	-20	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-17	-26.42	-24	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-18	-45.34	-24	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-20	-71.3	-6	-8	No	4	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-21	5.708	13	27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-22	-16.22	-31	-27	Yes	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-23	-2.959	-15	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-24	1.603	10	27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-25	0.3364	11	27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-26	1.506	19	27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-27	-12.2	-29	-23	Yes	9	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-2A (bg)	-1.337	-23	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-3	1.538	7	27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-8 (bg)	-0.3361	-4	-27	No	10	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	MW-9	-1.089	-22	-27	No	10	0	n/a	n/a	0.02	NP

Boron

MW-10



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

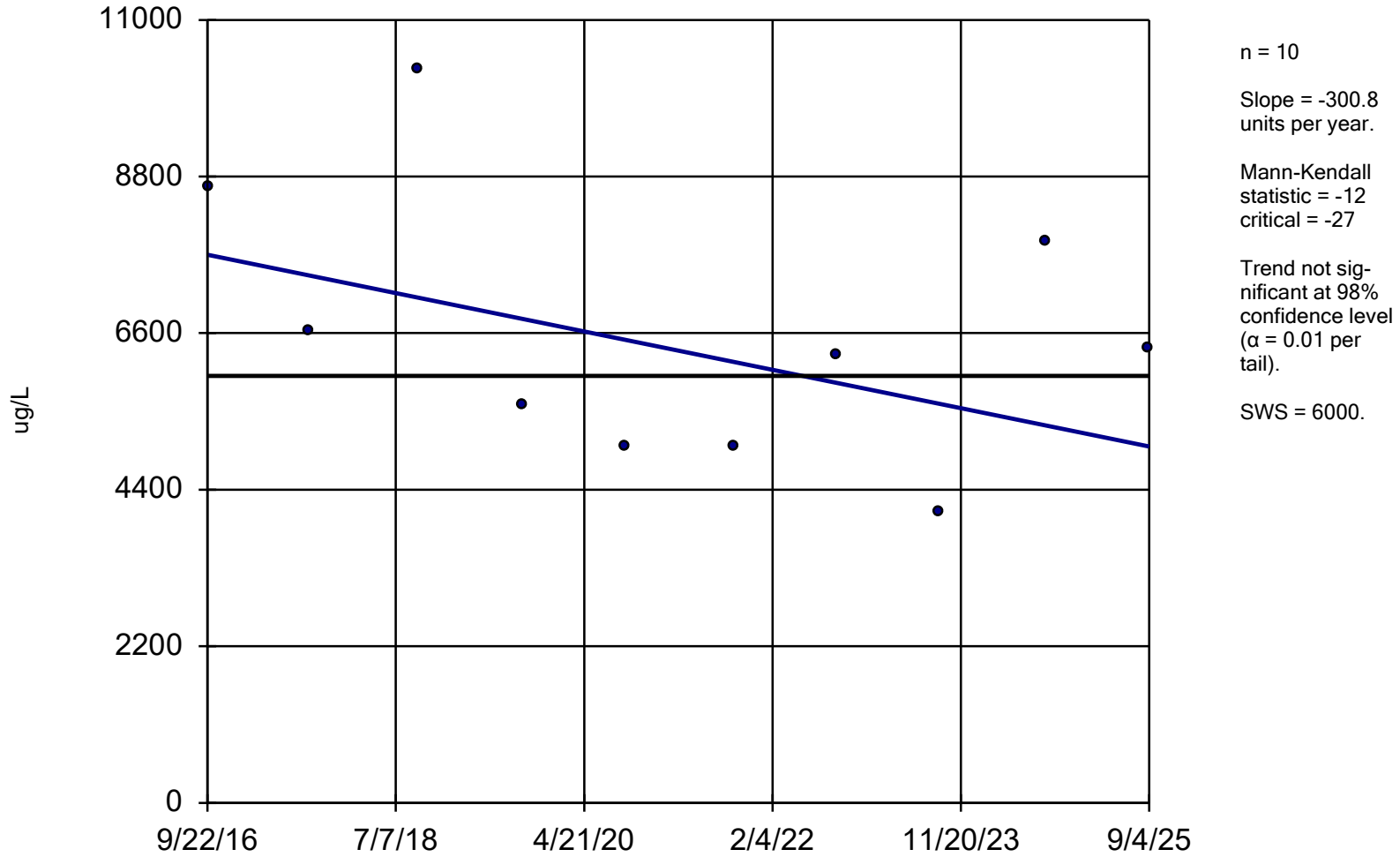
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	LCL	UCL
9/22/2016	17400	12195	22712
9/10/2017	19800	11846	21267
9/20/2018	18700	11045	20066
9/18/2019	12000	10427	18816
9/10/2020	15000	9802	17745
9/22/2021	12000	8908	16846
9/13/2022	12000	7975	15801
9/6/2023	8900	7153	14751
9/10/2024	9700	6022	13666
9/4/2025	9100	4480	12601

Boron

MW-11



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

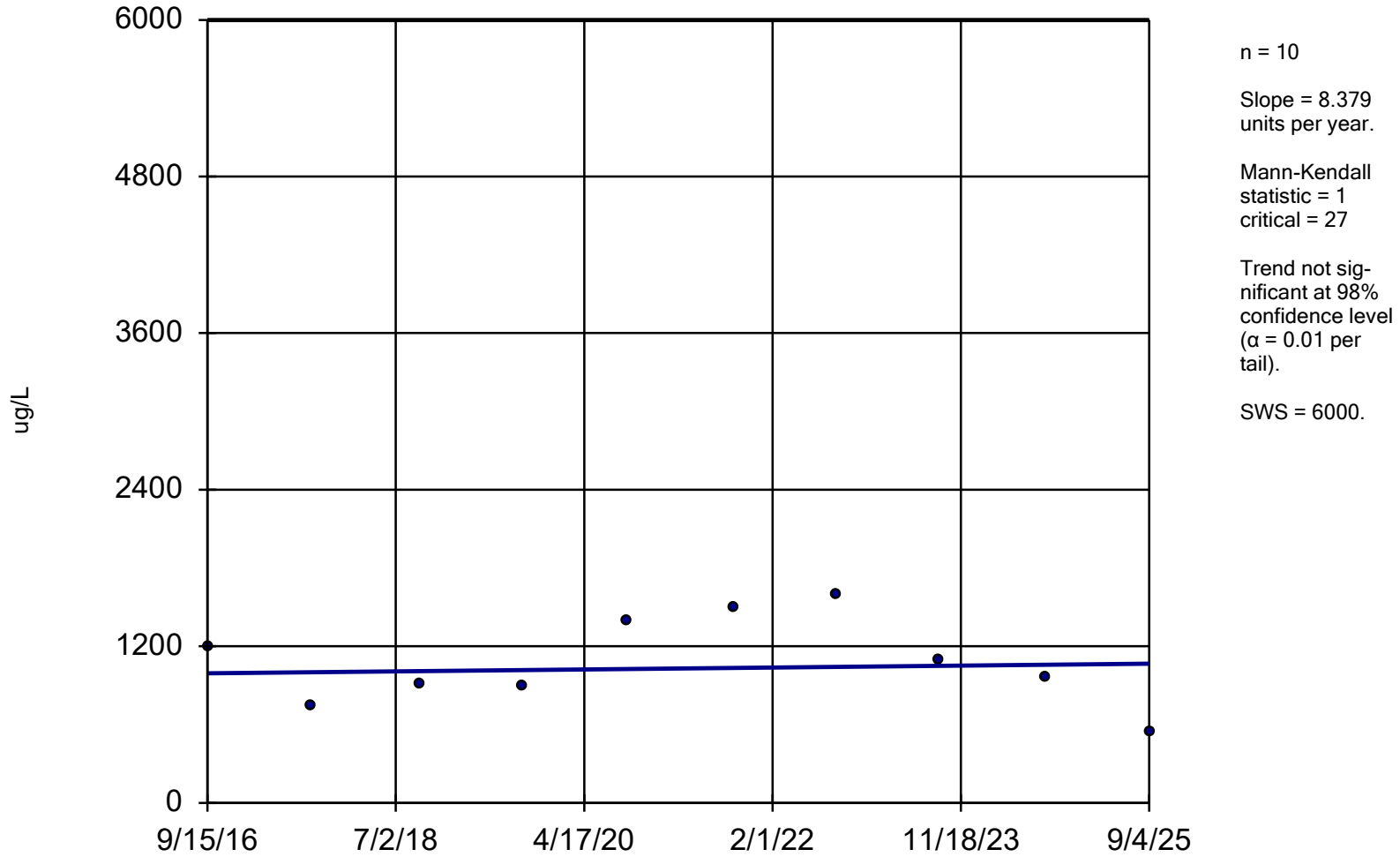
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11
9/22/2016	8650
9/10/2017	6630
9/24/2018	10300
9/18/2019	5600
9/10/2020	5000
9/22/2021	5000
9/13/2022	6300
9/7/2023	4100
9/10/2024	7900
9/4/2025	6400

Boron

MW-12



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

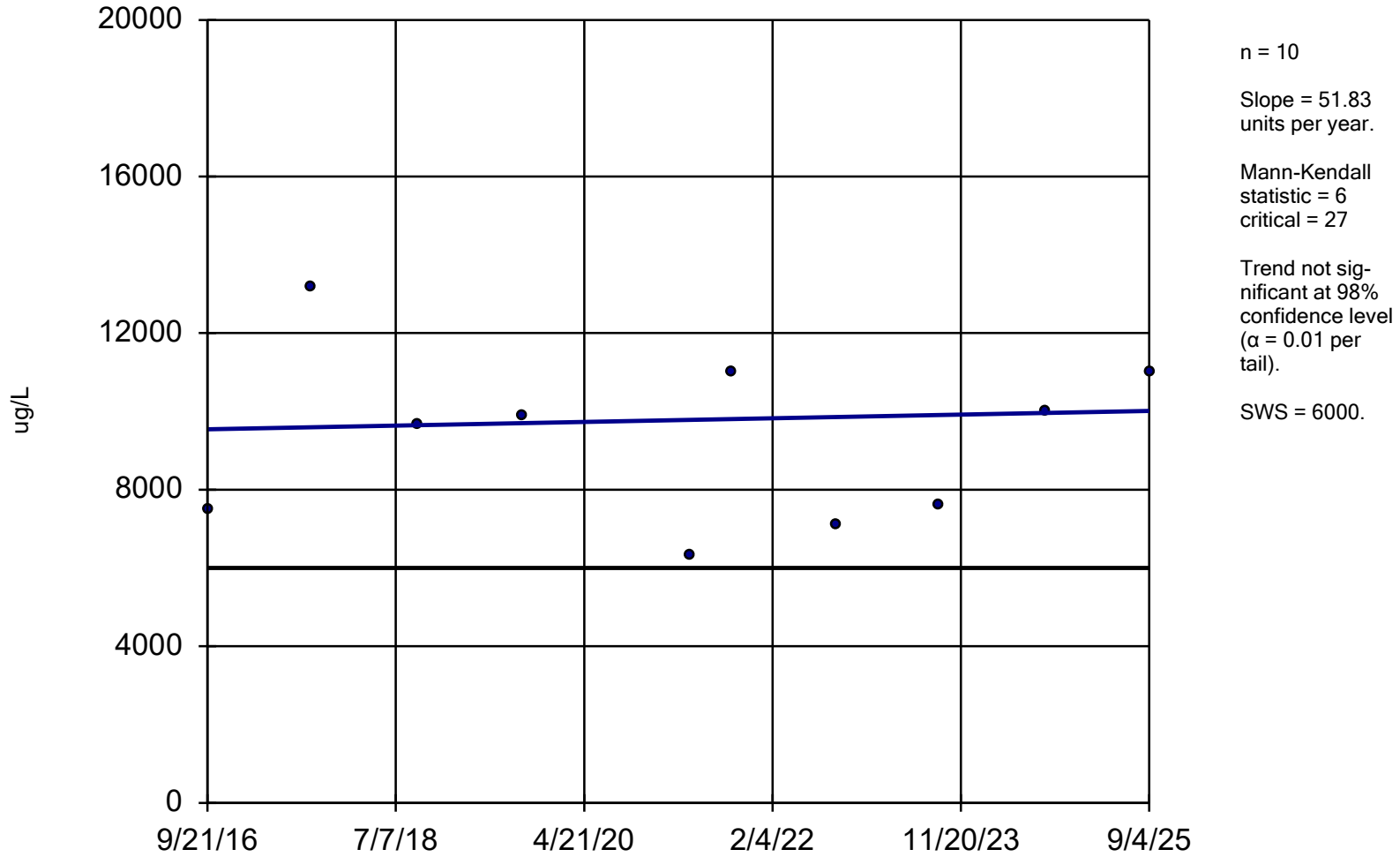
Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-12

9/15/2016	1200
9/12/2017	741
9/24/2018	910
9/18/2019	890
9/10/2020	1400
9/22/2021	1500
9/13/2022	1600
9/6/2023	1100
9/10/2024	960
9/4/2025	540

Boron

MW-13



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

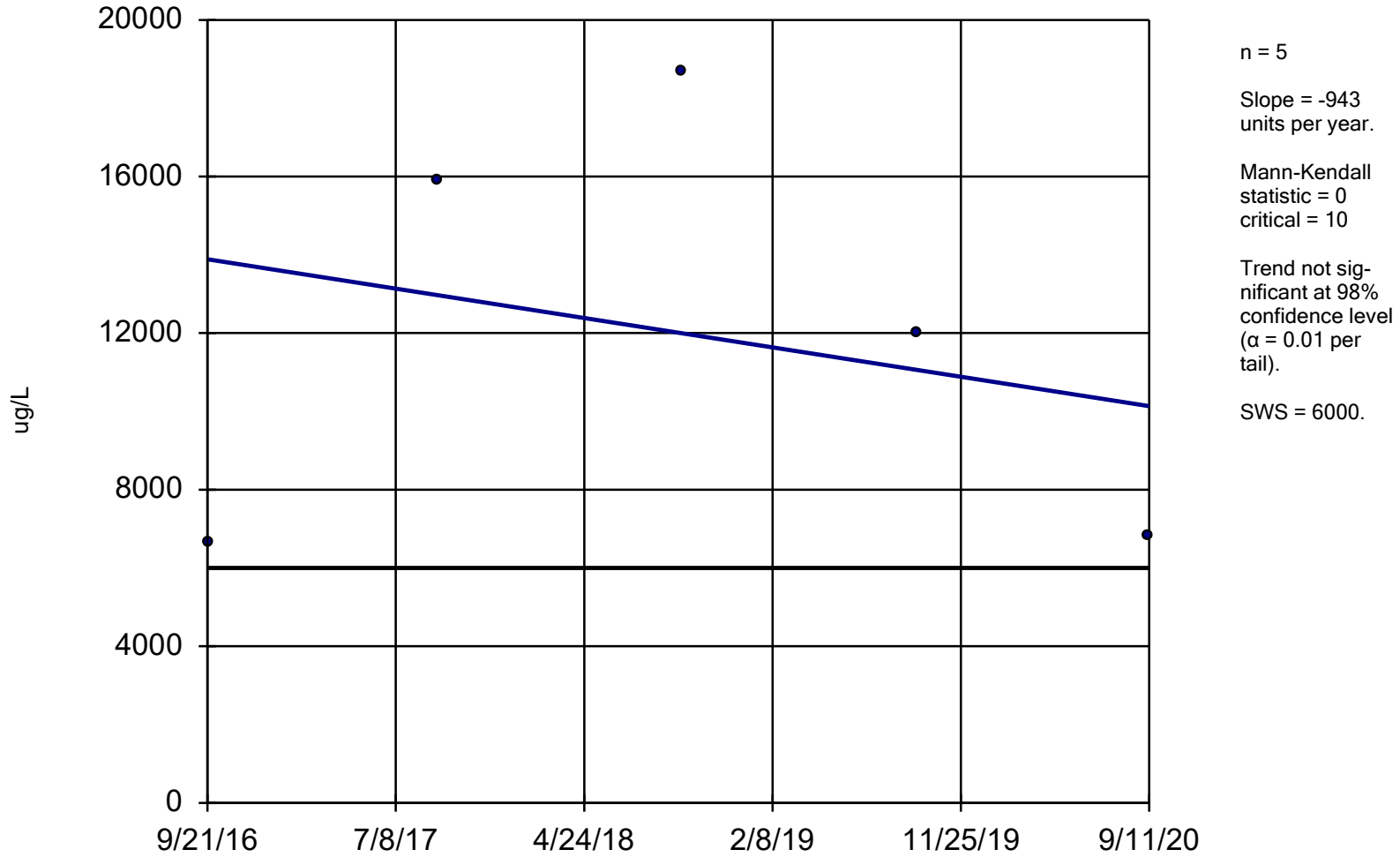
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-13
9/21/2016	7470
9/12/2017	13200
9/20/2018	9690
9/18/2019	9900
4/28/2021	6300
9/16/2021	11000
9/12/2022	7100
9/7/2023	7600
9/11/2024	10000
9/4/2025	11000

Boron

MW-14



Sen's Slope Estimator Analysis Run 1/22/2026 3:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

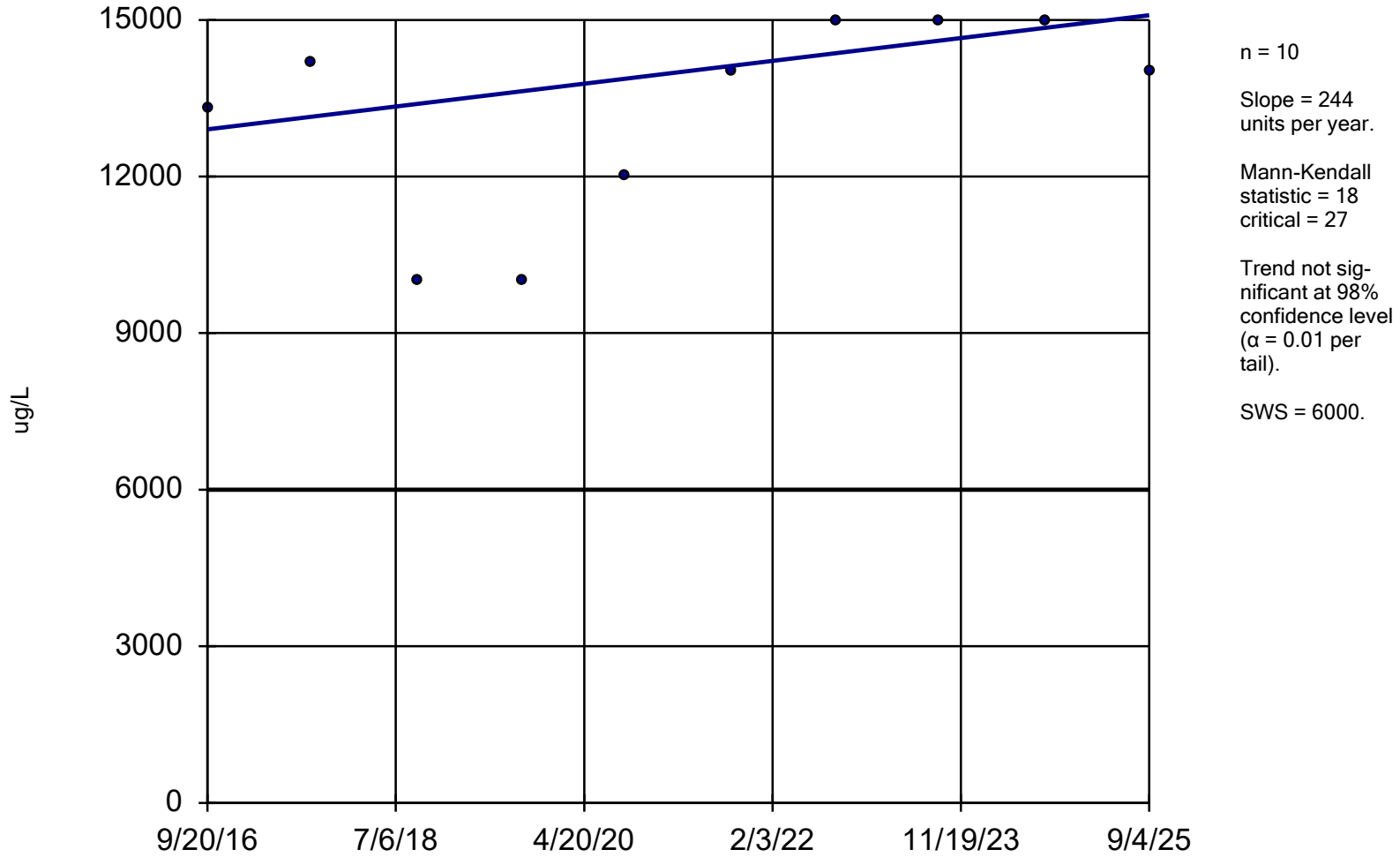
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-14

9/21/2016	6630
9/10/2017	15900
9/20/2018	18700
9/18/2019	12000
9/11/2020	6800

Boron MW-15



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

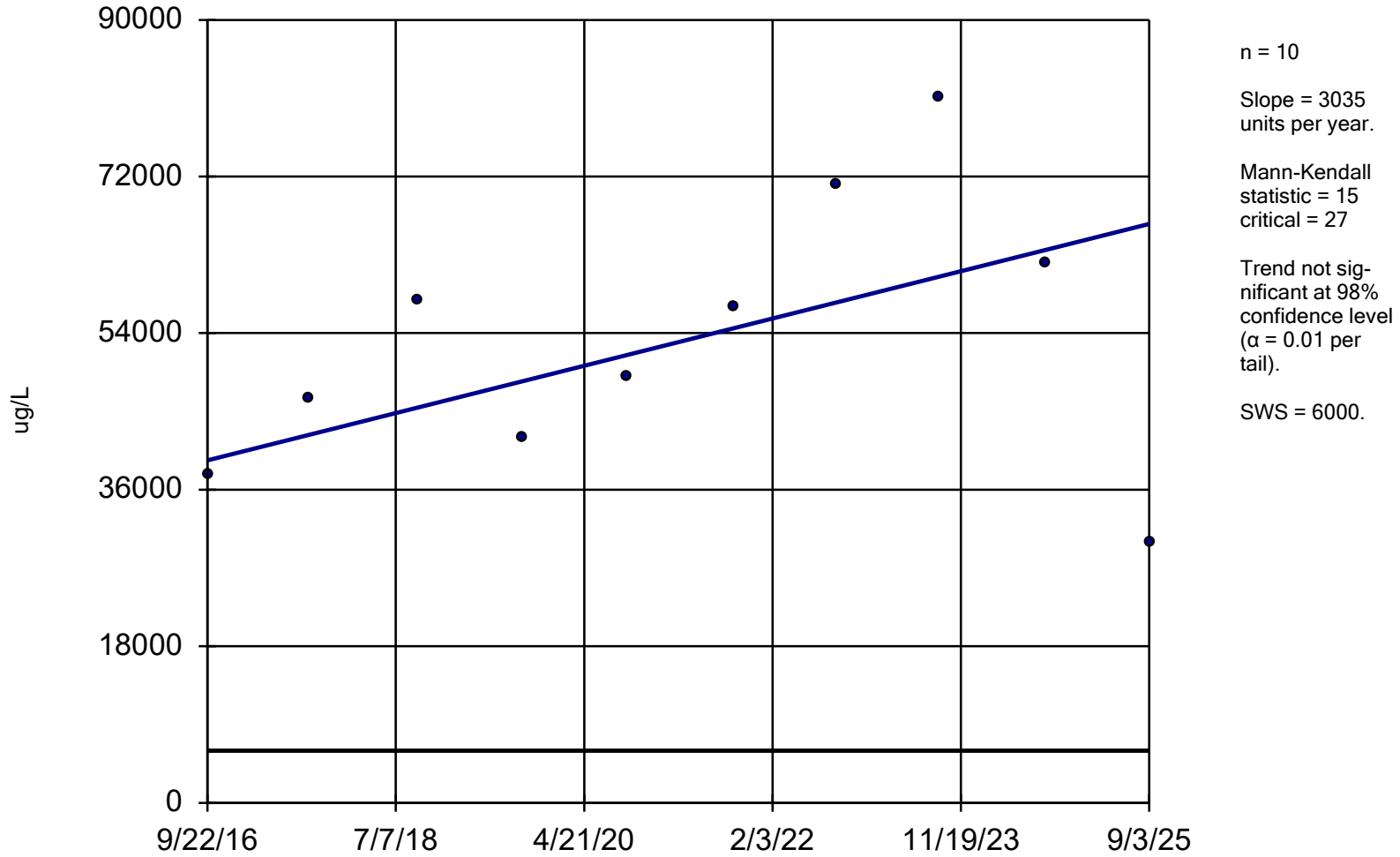
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-15
9/20/2016	13300
9/12/2017	14200
9/20/2018	10000
9/19/2019	10000
9/11/2020	12000
9/17/2021	14000
9/14/2022	15000
9/7/2023	15000
9/11/2024	15000
9/4/2025	14000

Boron

MW-16



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

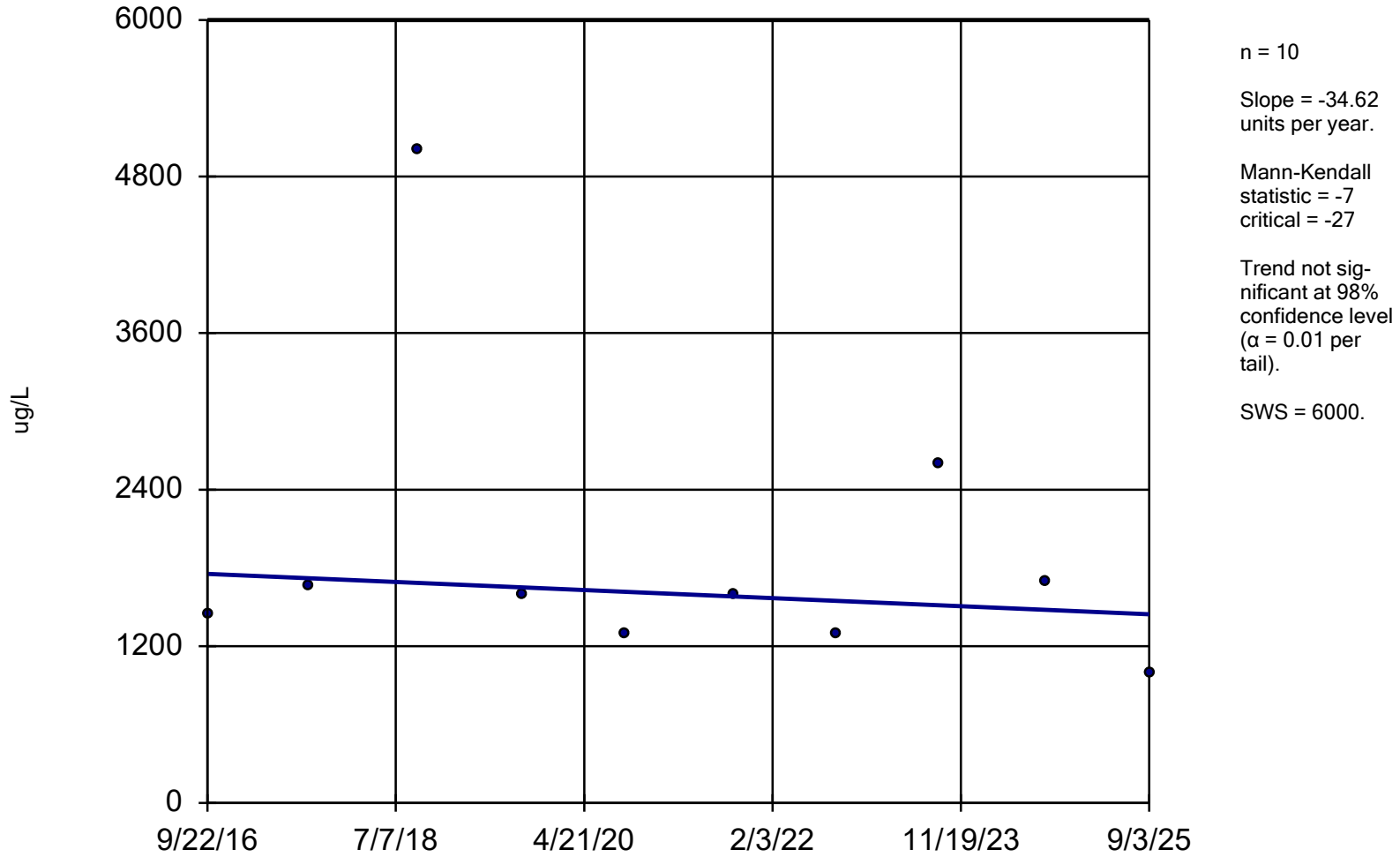
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-16
9/22/2016	37800
9/12/2017	46400
9/21/2018	57700
9/18/2019	42000
9/14/2020	49000
9/21/2021	57000
9/14/2022	71000
9/6/2023	81000
9/10/2024	62000
9/3/2025	30000

Boron

MW-17



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

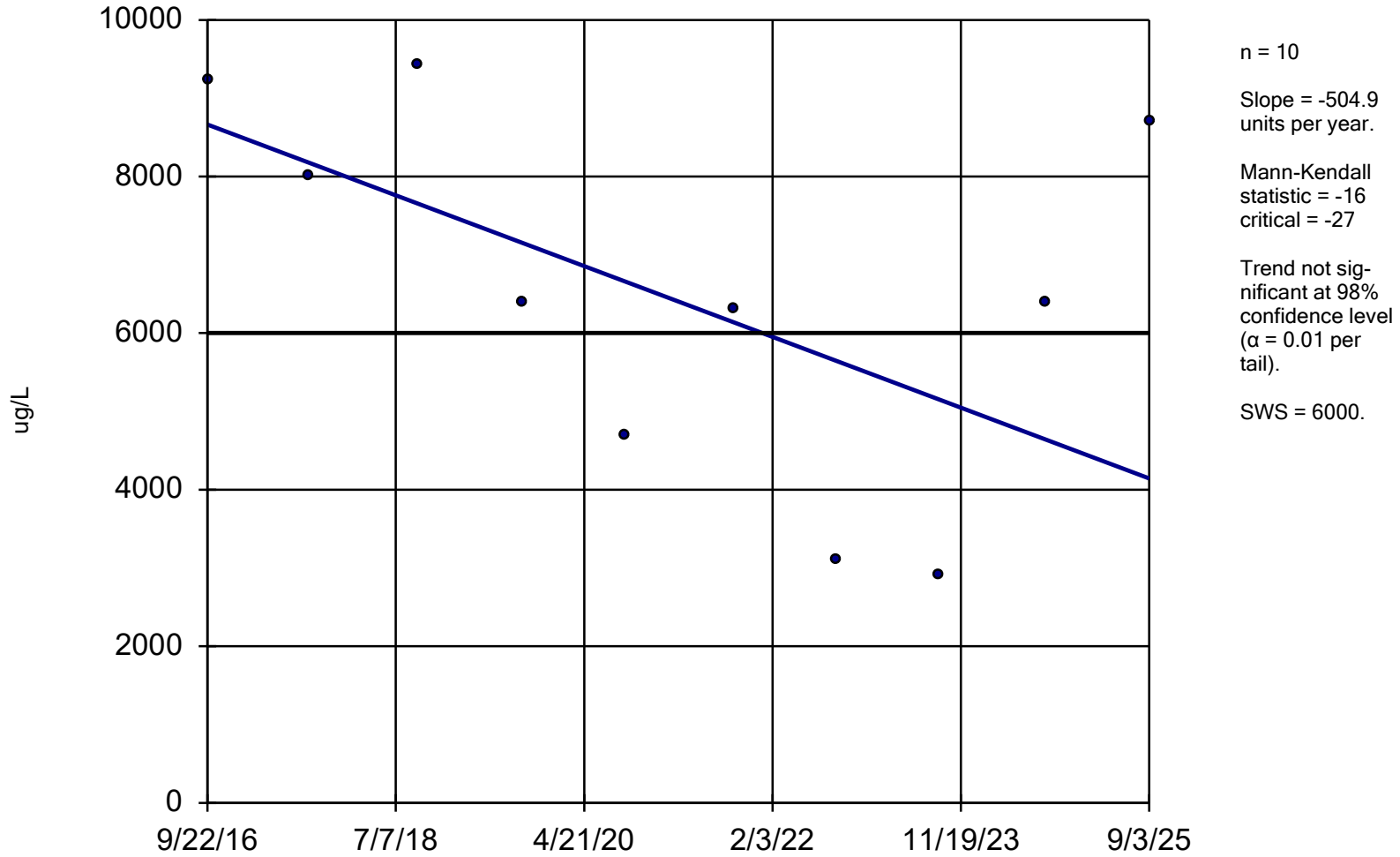
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-17

9/22/2016	1440
9/10/2017	1670
9/20/2018	5000
9/18/2019	1600
9/11/2020	1300
9/21/2021	1600
9/14/2022	1300
9/6/2023	2600
9/10/2024	1700
9/3/2025	1000

Boron MW-18



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

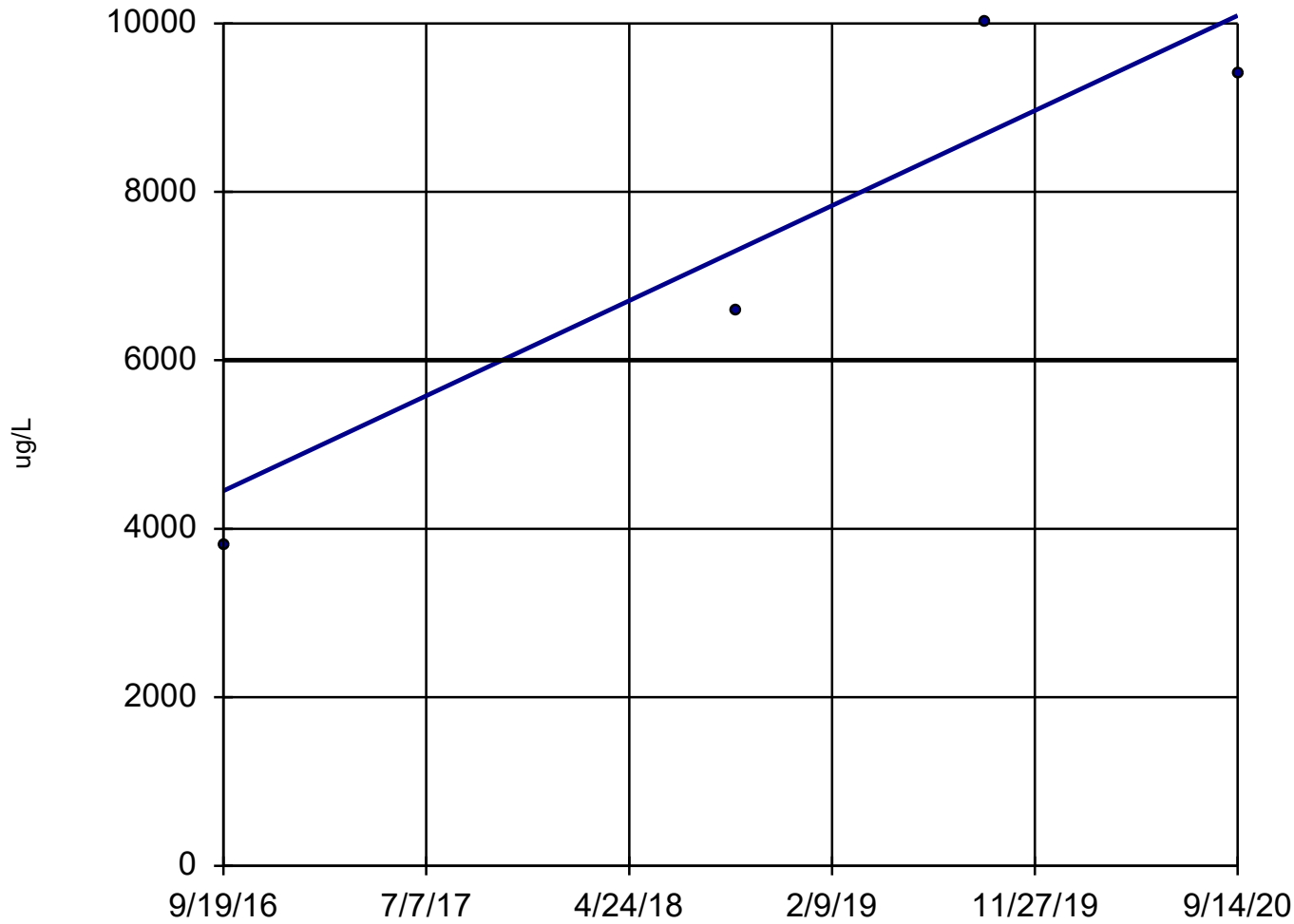
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-18

9/22/2016	9240
9/10/2017	8020
9/20/2018	9420
9/18/2019	6400
9/11/2020	4700
9/21/2021	6300
9/14/2022	3100
9/6/2023	2900
9/11/2024	6400
9/3/2025	8700

Boron MW-20



n = 4
Slope = 1414 units per year.
Mann-Kendall statistic = 4
critical = 8
Trend not significant at 98% confidence level ($\alpha = 0.01$ per tail).
With n = 4, no data set will result in a significant Mann-Kendall statistic.
SWS = 6000.

Sen's Slope Estimator

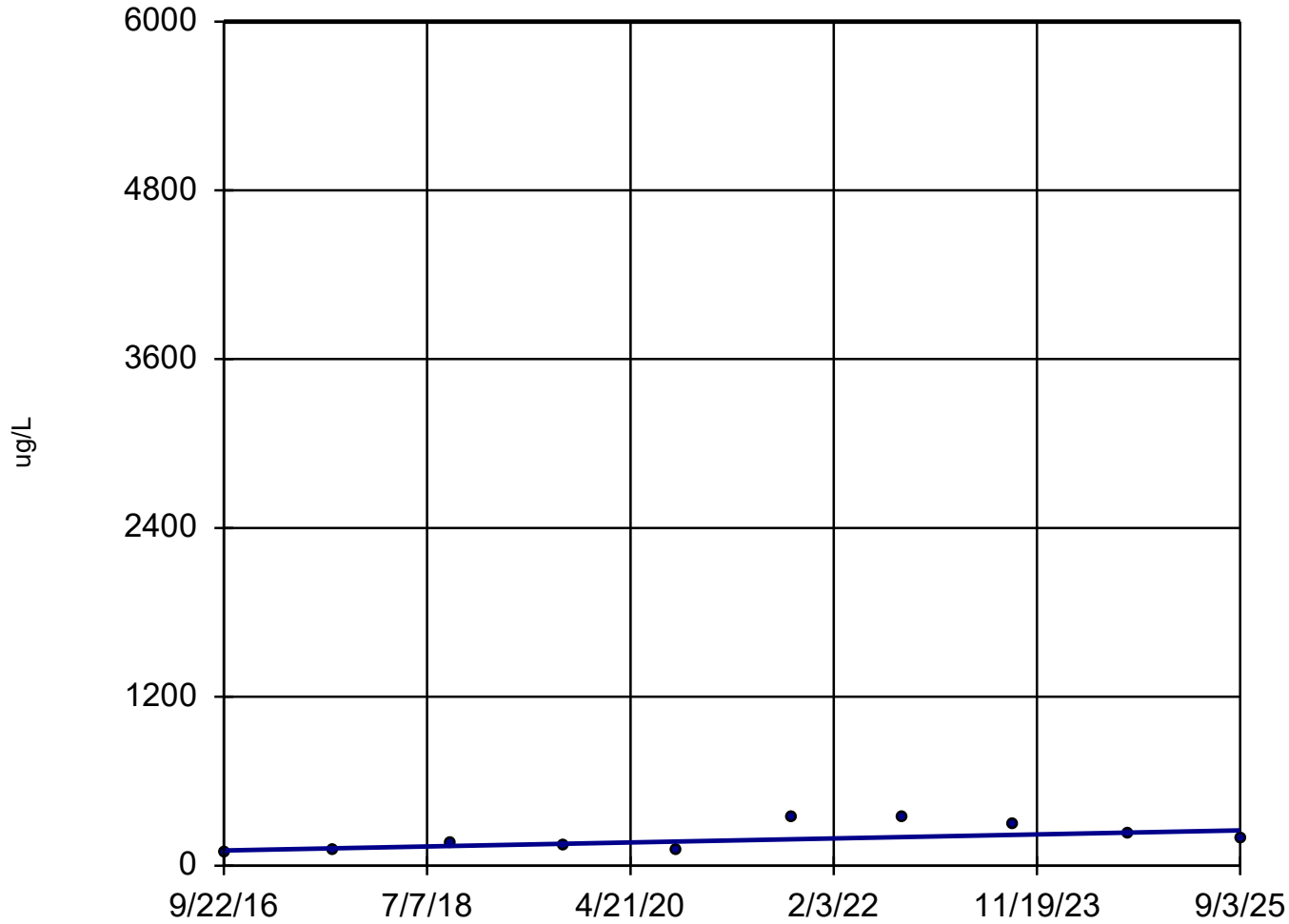
Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-20

9/19/2016	3790
9/24/2018	6590
9/19/2019	10000
9/14/2020	9400

Boron

MW-21



n = 10
Slope = 16.06
units per year.
Mann-Kendall
statistic = 18
critical = 27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).
SWS = 6000.

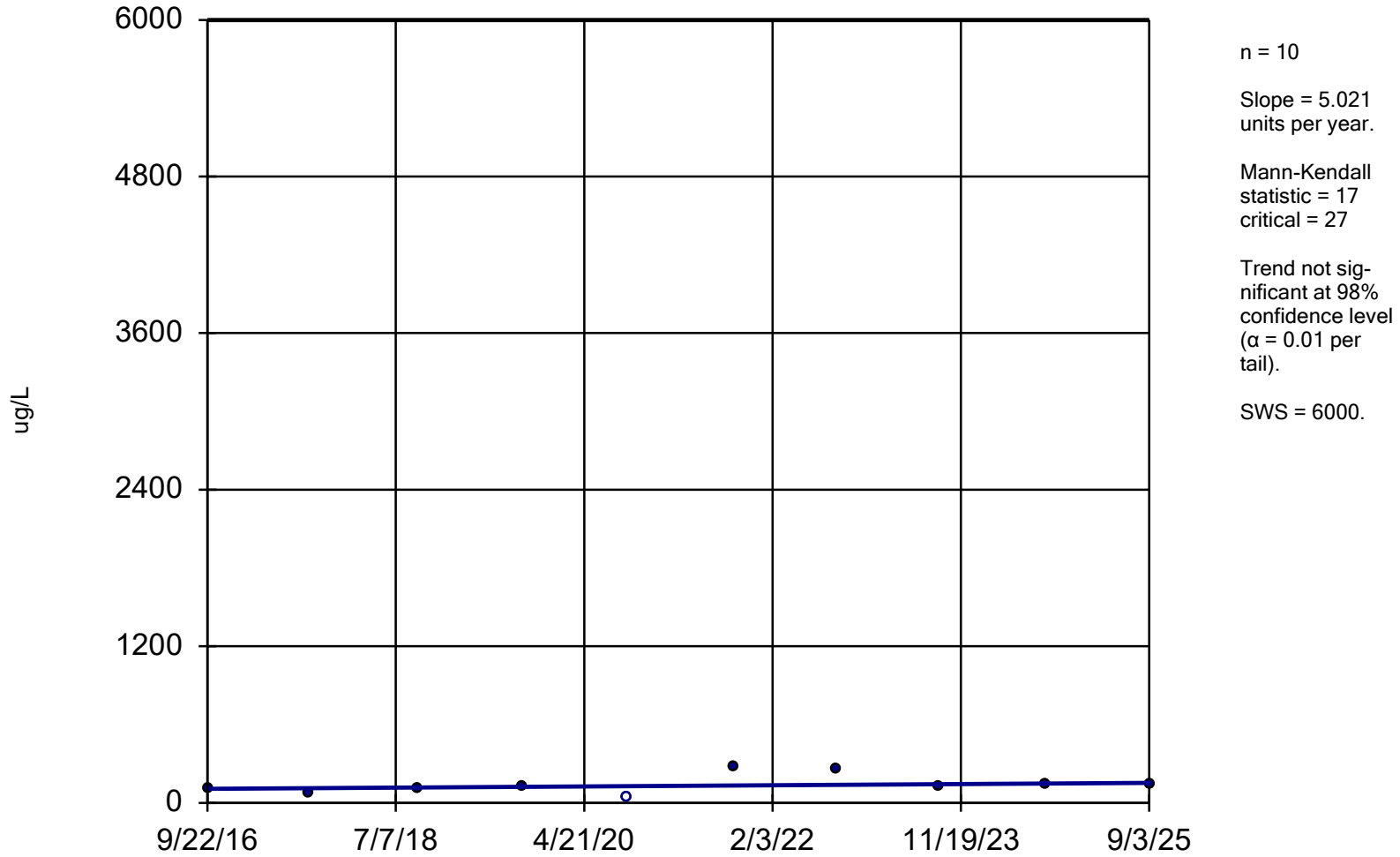
Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-21
9/22/2016	86.8 (J)
9/11/2017	116
9/24/2018	158
9/19/2019	140 (J)
9/15/2020	110
9/20/2021	350
9/14/2022	350
9/7/2023	300
9/10/2024	220
9/3/2025	200

Boron MW-22



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

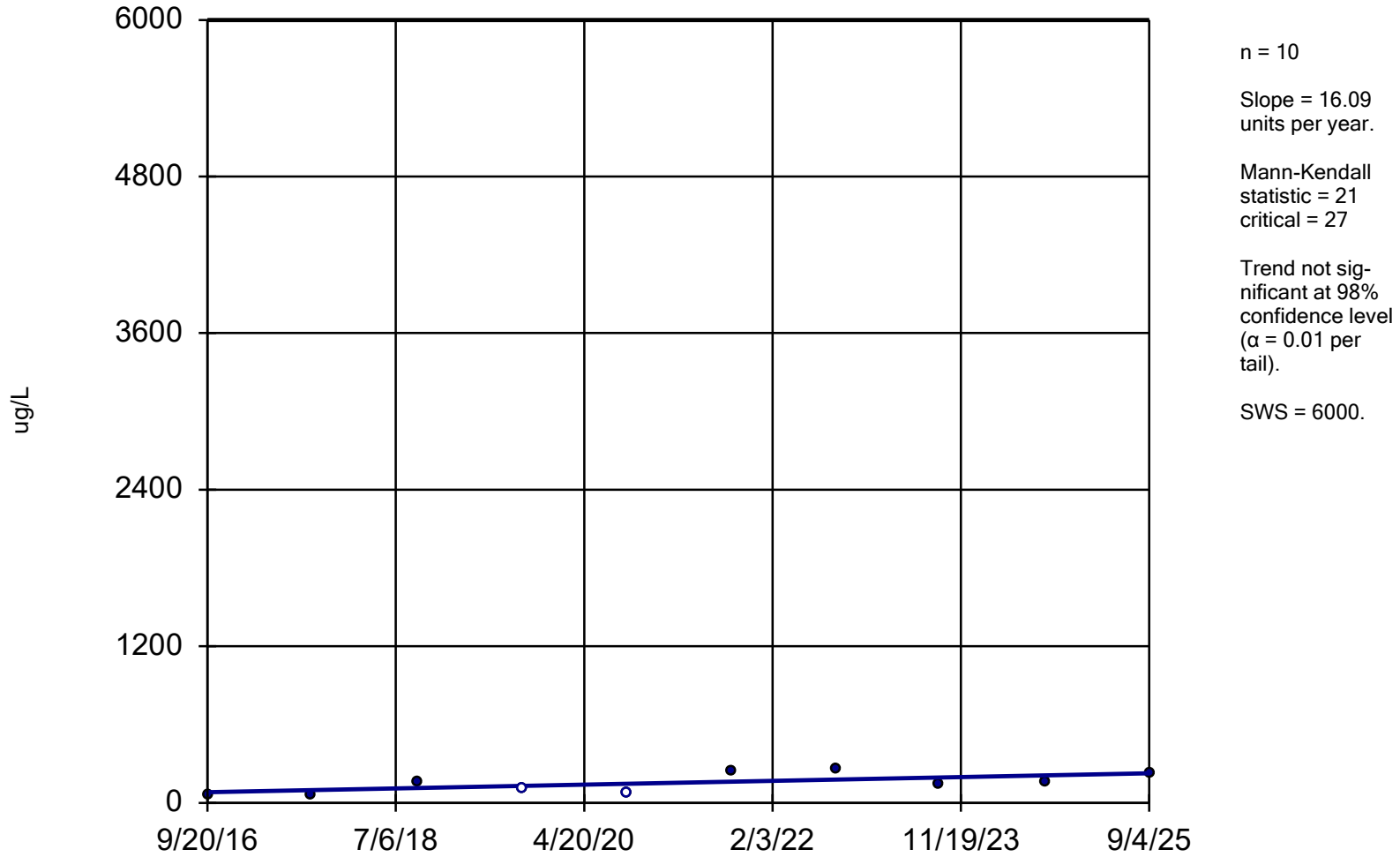
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-22
9/22/2016	114
9/11/2017	79.2 (J)
9/20/2018	108
9/19/2019	130 (J)
9/15/2020	<80
9/21/2021	280
9/14/2022	260
9/7/2023	130
9/10/2024	140
9/3/2025	140

Boron

MW-23



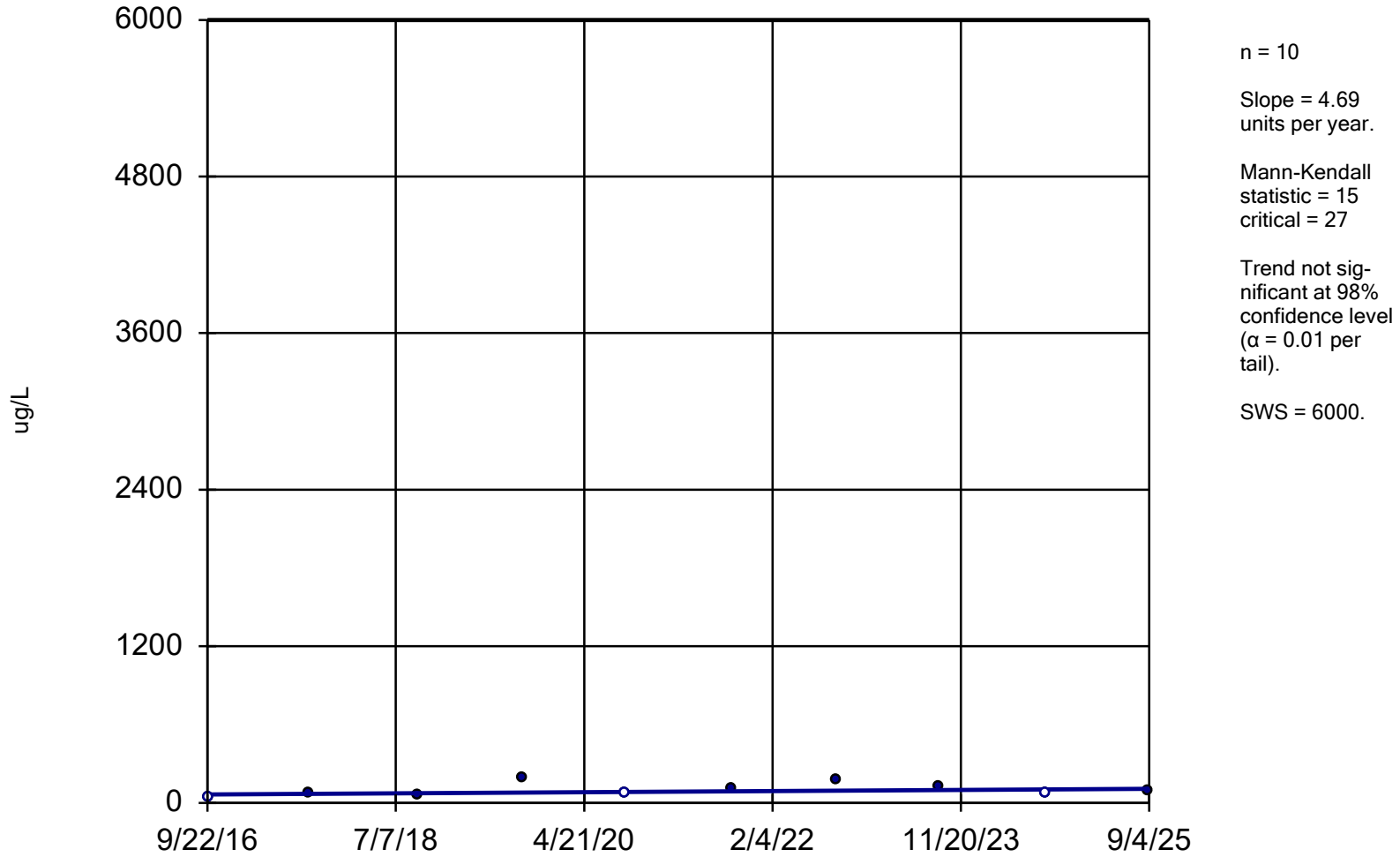
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-23
9/20/2016	66.8 (J)
9/11/2017	53.6 (J)
9/20/2018	165
9/18/2019	<110
9/15/2020	<80
9/15/2021	240
9/14/2022	260
9/7/2023	150
9/11/2024	160
9/4/2025	230

Boron

MW-24



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

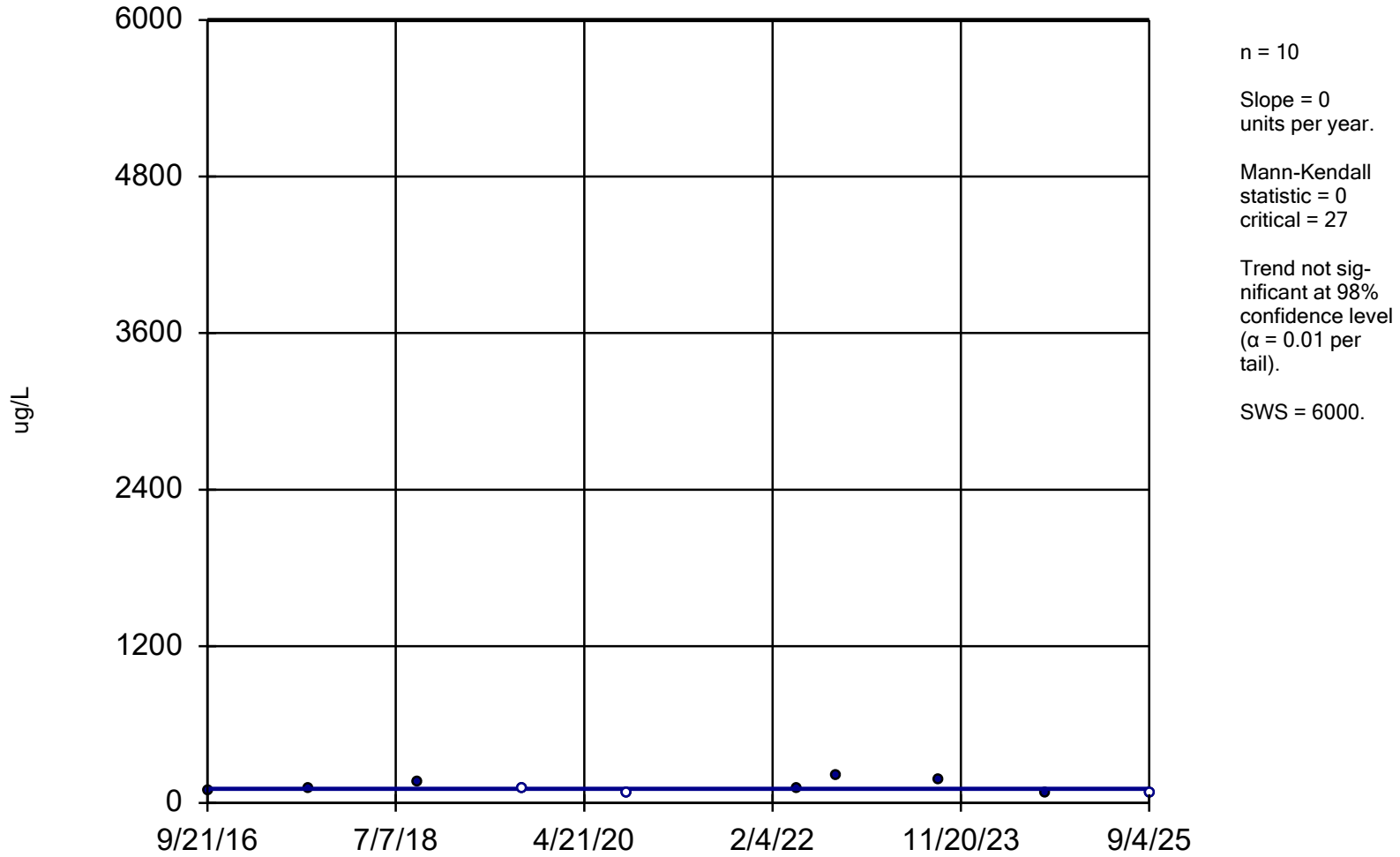
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-24
9/22/2016	<50
9/11/2017	72.7 (J)
9/24/2018	65.7 (J)
9/19/2019	190 (J)
9/10/2020	<80
9/16/2021	110
9/13/2022	180
9/6/2023	130
9/10/2024	<76
9/4/2025	92 (J)

Boron

MW-25



Sen's Slope Estimator

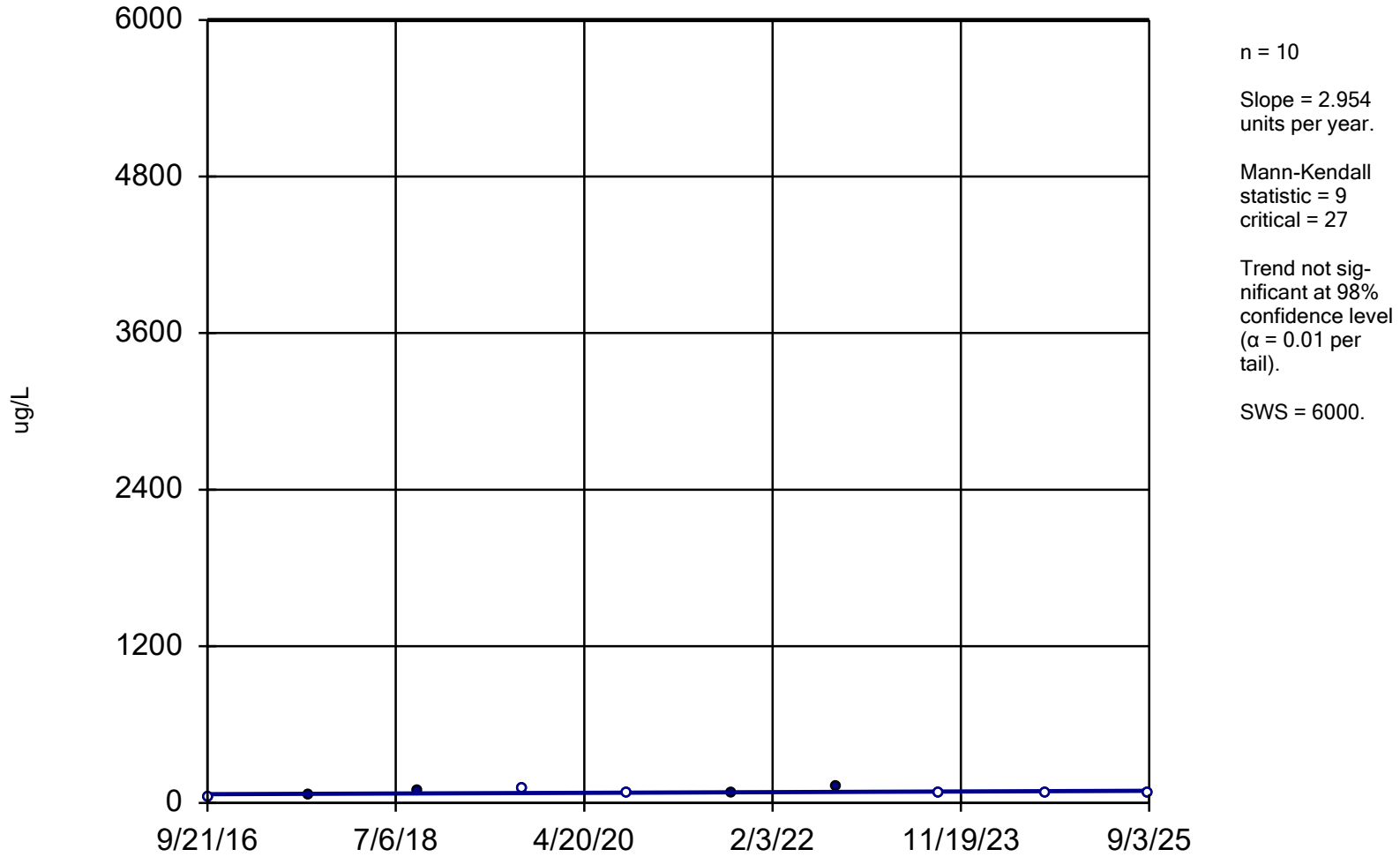
Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-25

9/21/2016	98 (J)
9/8/2017	105
9/20/2018	153
9/18/2019	<110
9/14/2020	<80
4/29/2022	110
9/15/2022	210
9/7/2023	170
9/11/2024	77 (J)
9/4/2025	<82 (U)

Boron

MW-26



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

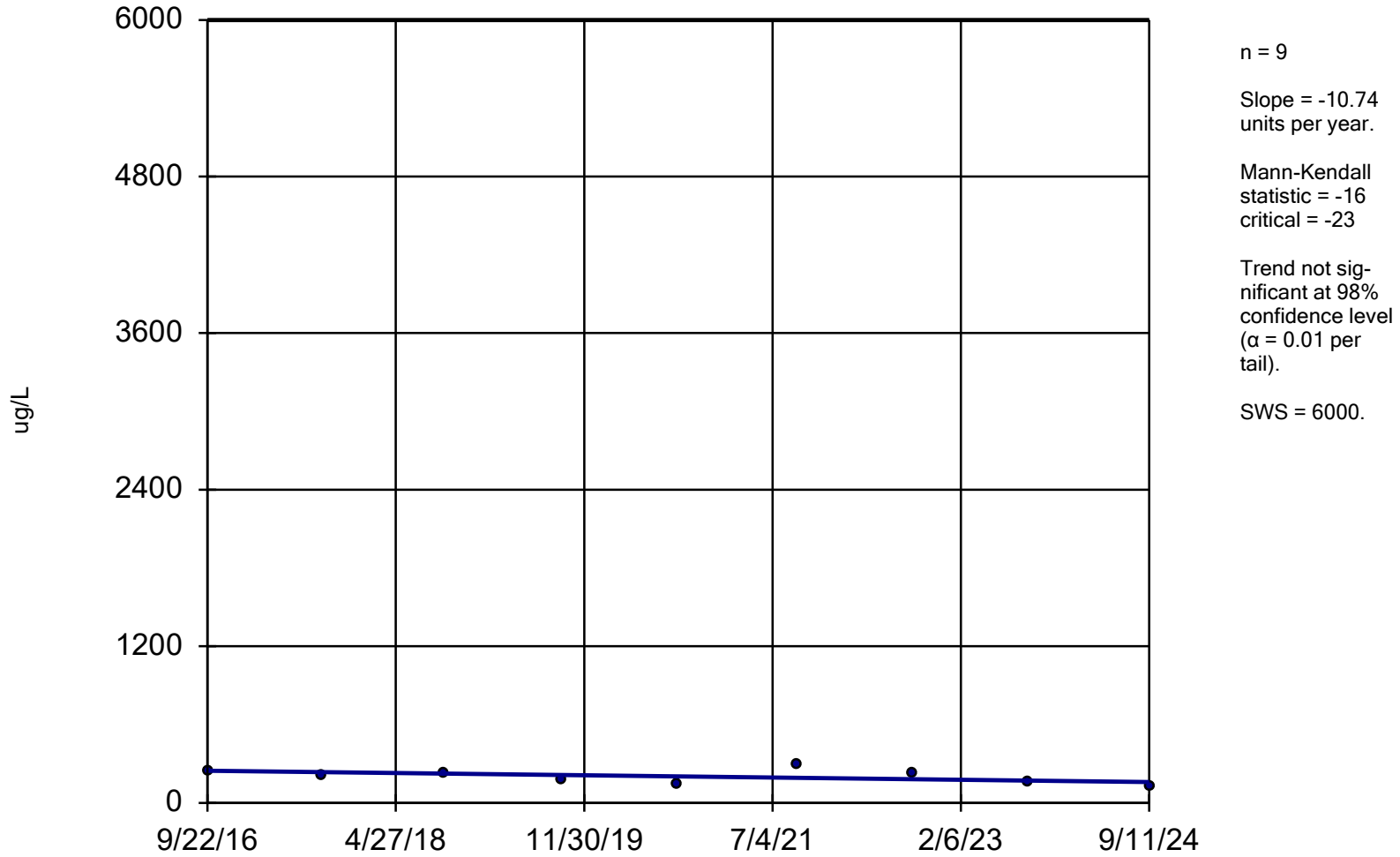
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-26
9/21/2016	<50
9/11/2017	58.3 (J)
9/21/2018	94.5 (J)
9/19/2019	<110
9/14/2020	<80
9/16/2021	80 (J)
9/14/2022	130
9/7/2023	<76 (U)
9/10/2024	<76
9/3/2025	<82 (U)

Boron

MW-27



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

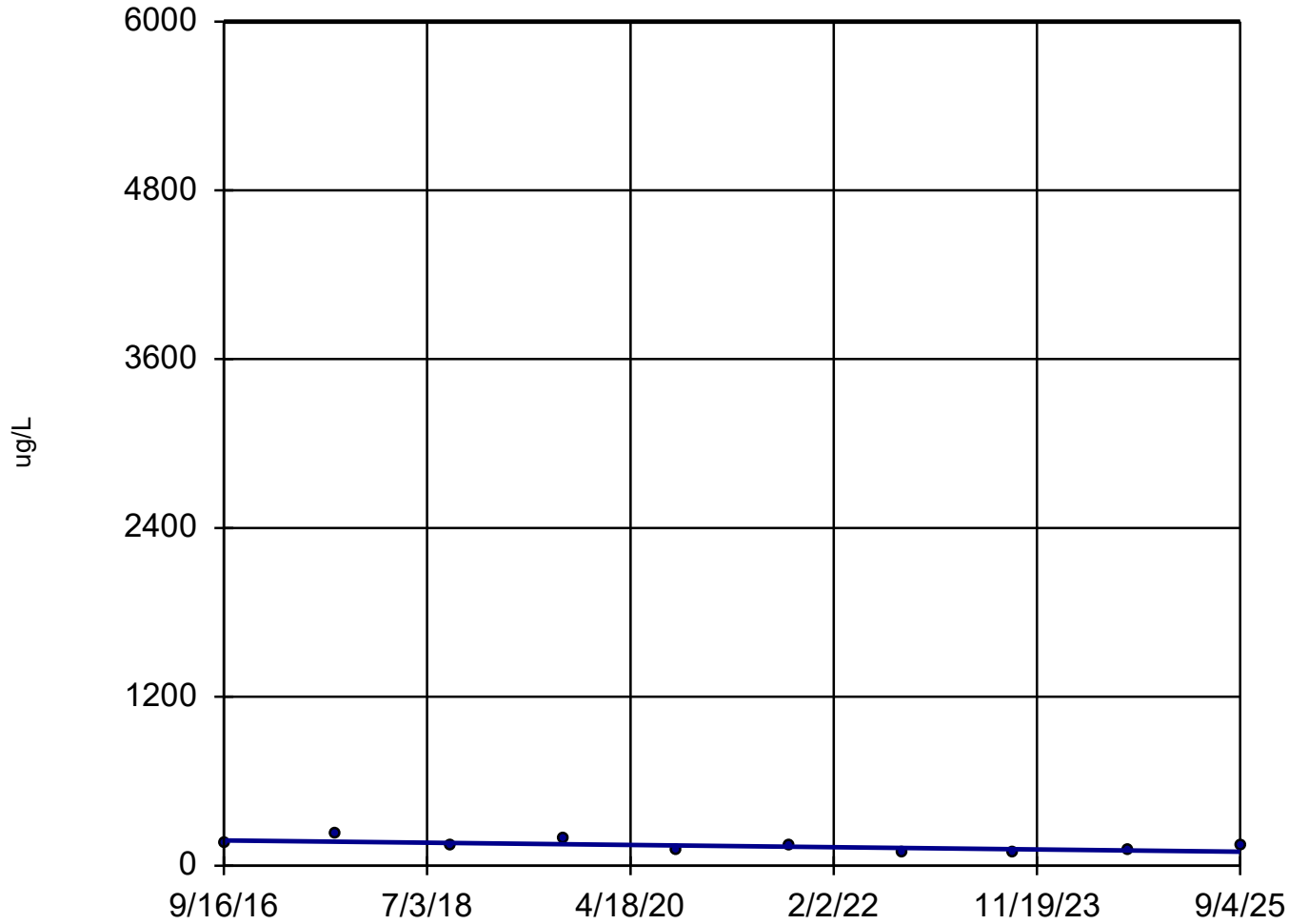
Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-27

9/22/2016	237
9/11/2017	203
9/21/2018	232
9/19/2019	180 (J)
9/14/2020	140
9/20/2021	290
9/14/2022	230
9/6/2023	160
9/11/2024	130

Boron

MW-2A (bg)



n = 10
Slope = -8.951
units per year.
Mann-Kendall
statistic = -21
critical = -27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).
SWS = 6000.

Sen's Slope Estimator

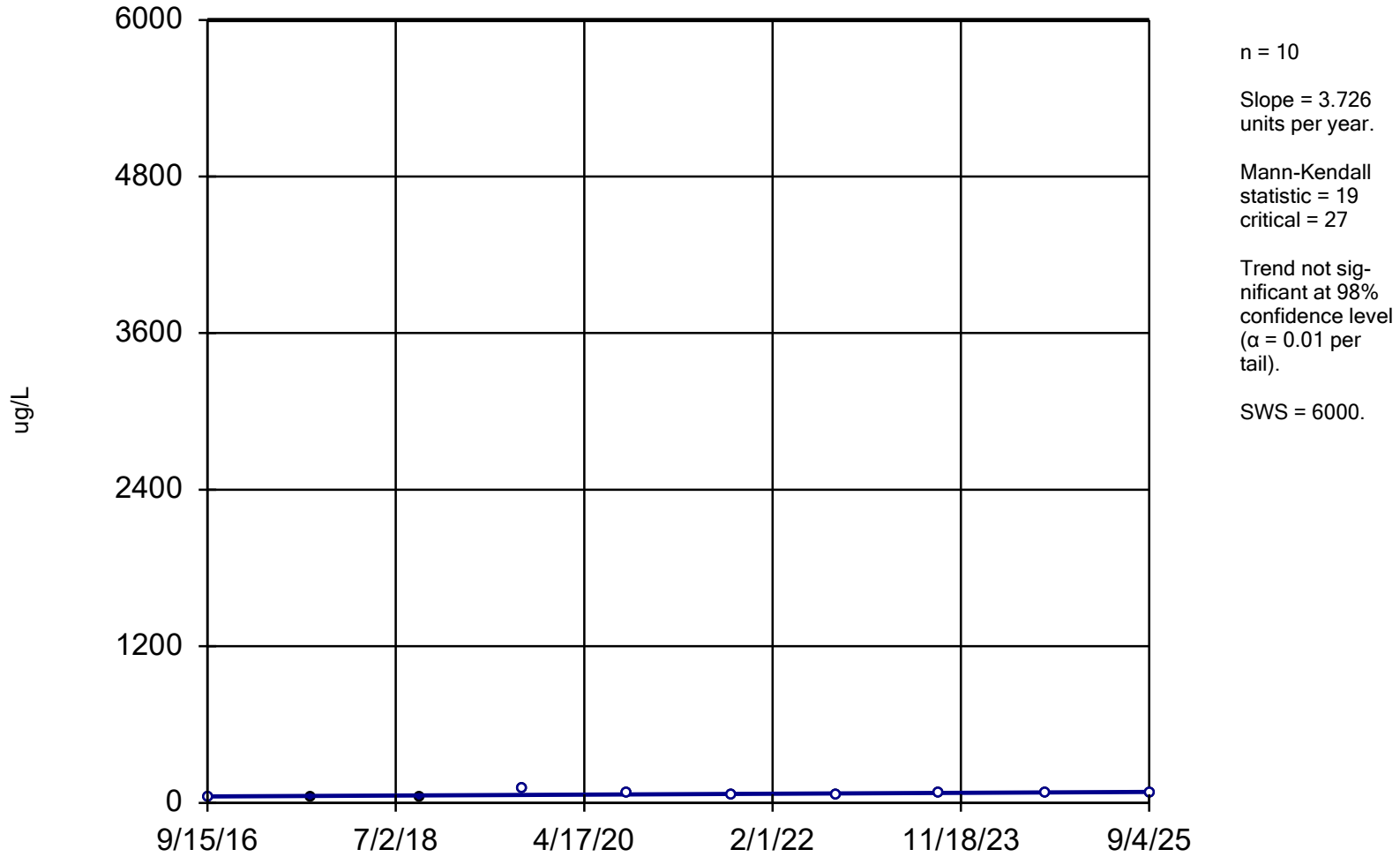
Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-2A (bg)

9/16/2016	159
9/8/2017	222
9/20/2018	141
9/19/2019	200
9/14/2020	110
9/15/2021	140
9/14/2022	88 (J)
9/7/2023	100
9/11/2024	110
9/4/2025	140

Boron

MW-3



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

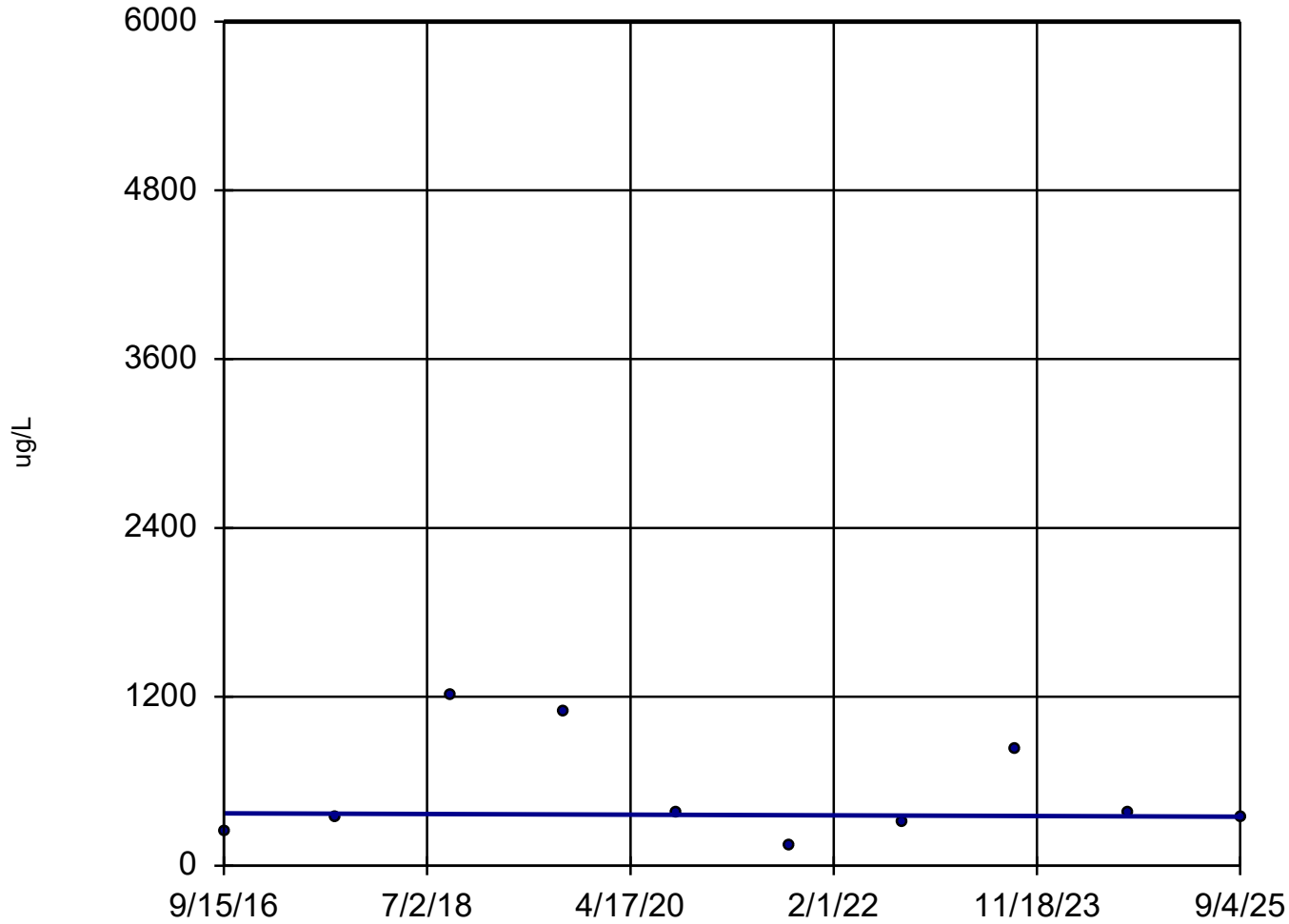
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:16 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-3
9/15/2016	<50
9/8/2017	35.5 (J)
9/21/2018	49.3 (J)
9/19/2019	<110
9/11/2020	<80
9/15/2021	<58
9/13/2022	<58
9/6/2023	<76 (U)
9/10/2024	<76
9/4/2025	<82 (U)

Boron

MW-8 (bg)



n = 10
Slope = -2.498
units per year.
Mann-Kendall
statistic = -1
critical = -27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).
SWS = 6000.

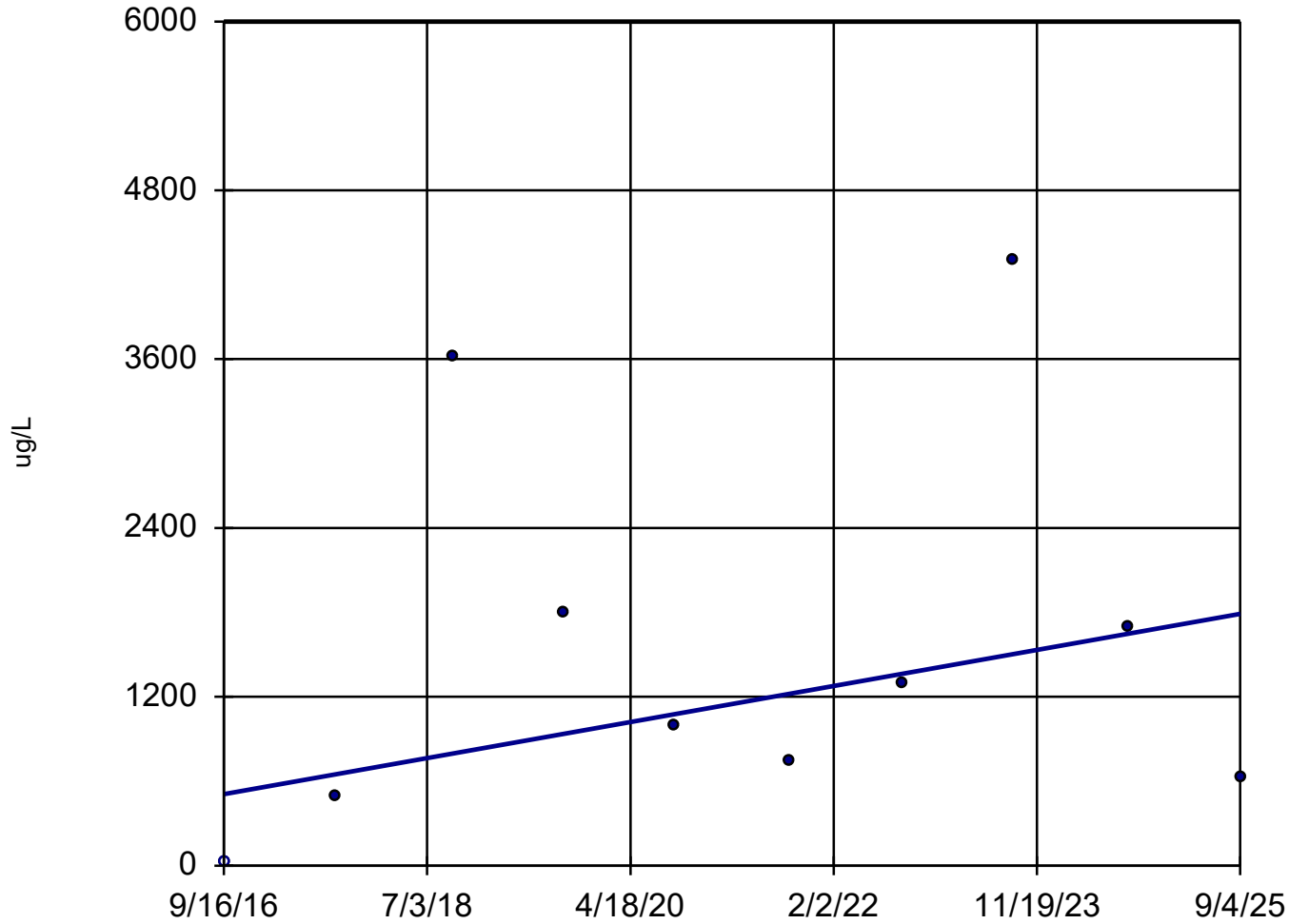
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-8 (bg)

9/15/2016	244
9/9/2017	339
9/20/2018	1220
9/19/2019	1100
9/11/2020	380
9/16/2021	150
9/14/2022	310
9/7/2023	830
9/11/2024	370
9/4/2025	350

Boron MW-9



n = 10
Slope = 142.9
units per year.
Mann-Kendall
statistic = 9
critical = 27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).
SWS = 6000.

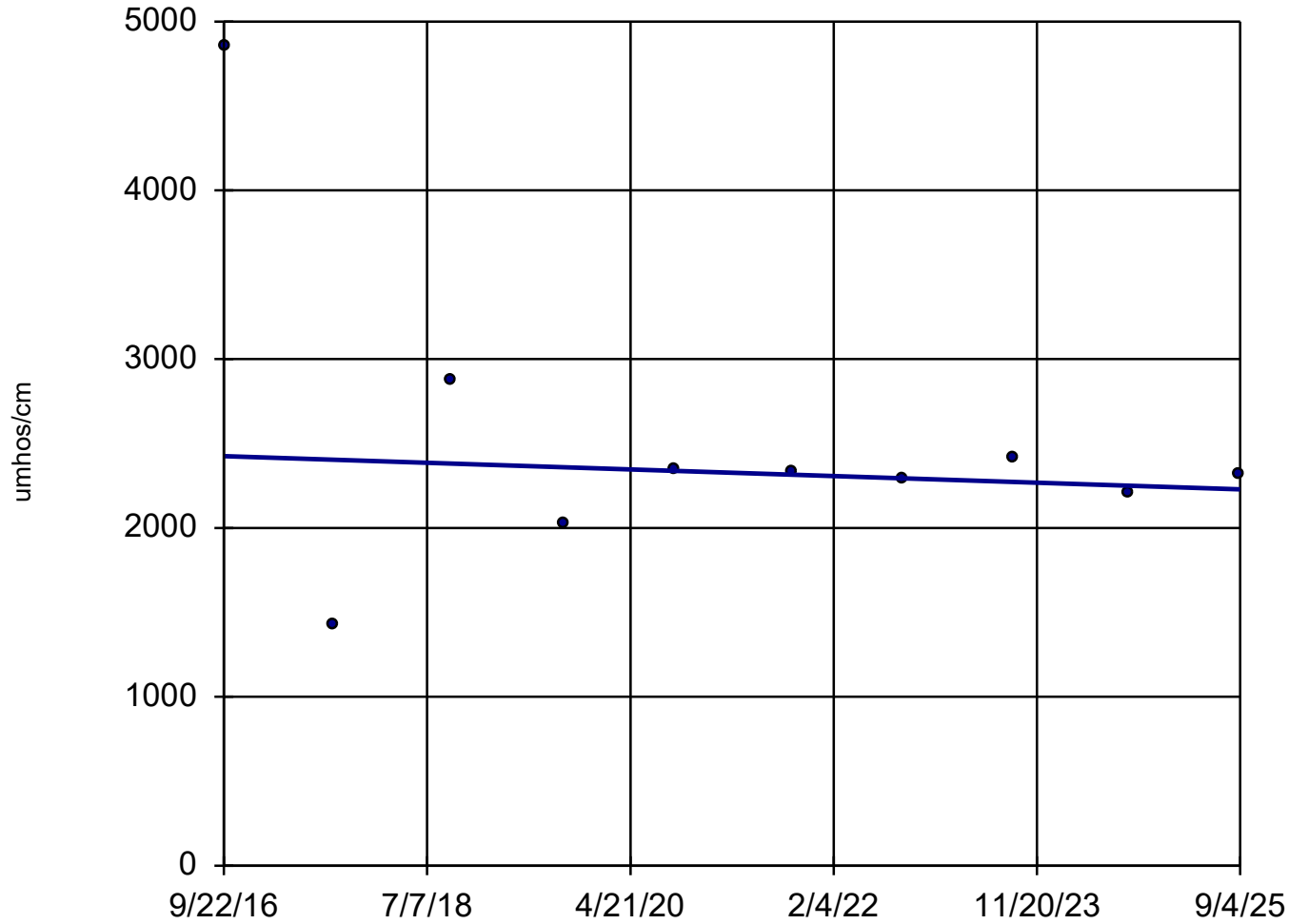
Sen's Slope Estimator

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-9
9/16/2016	<50
9/11/2017	500
9/24/2018	3620
9/19/2019	1800
9/10/2020	1000
9/16/2021	740
9/13/2022	1300
9/7/2023	4300
9/10/2024	1700
9/4/2025	620

Field Specific Conductance

MW-10



n = 10

Slope = -21.91
units per year.

Mann-Kendall
statistic = -7
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

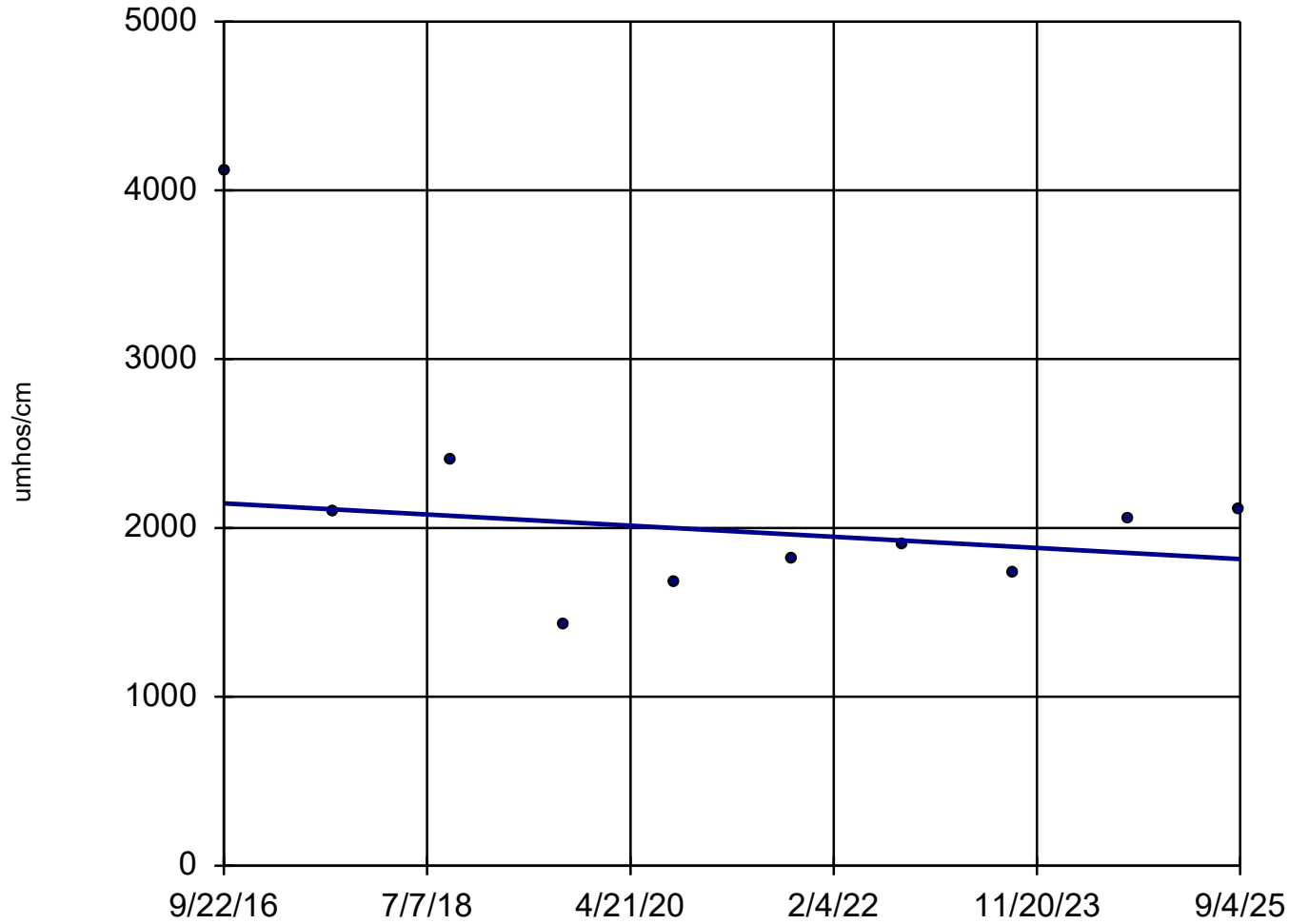
Sen's Slope Estimator

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10
9/22/2016	4847
9/10/2017	1428
9/24/2018	2874
9/18/2019	2024
9/10/2020	2340
9/22/2021	2339
9/13/2022	2296
9/6/2023	2418
9/10/2024	2213
9/4/2025	2314

Field Specific Conductance

MW-11



n = 10

Slope = -36.76
units per year.

Mann-Kendall
statistic = -3
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

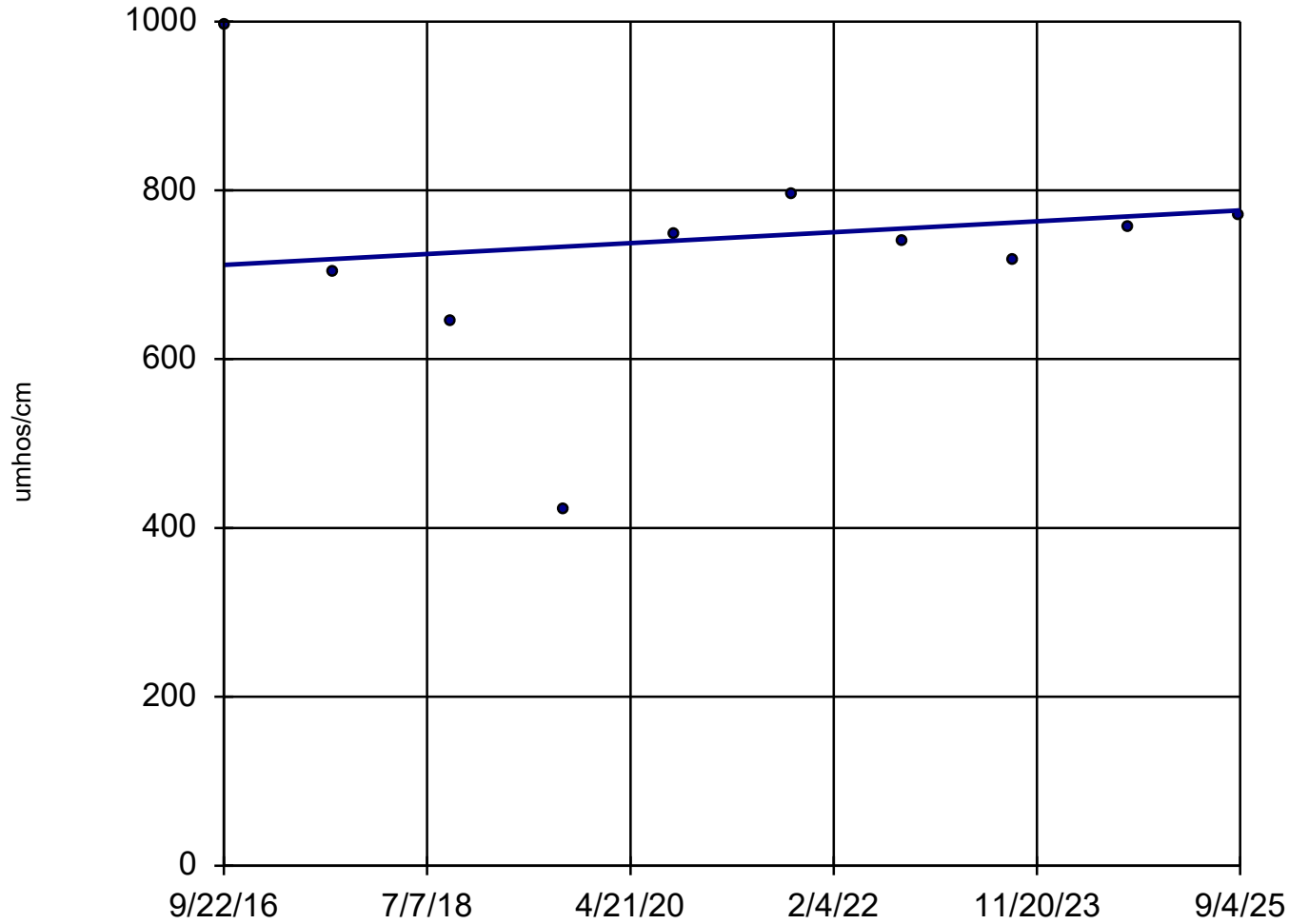
Sen's Slope Estimator

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11
9/22/2016	4122
9/10/2017	2093
9/24/2018	2408
9/18/2019	1424
9/10/2020	1679
9/22/2021	1812
9/13/2022	1902
9/7/2023	1740
9/10/2024	2060
9/4/2025	2106

Field Specific Conductance

MW-12



n = 10

Slope = 7.184
units per year.

Mann-Kendall
statistic = 7
critical = 27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

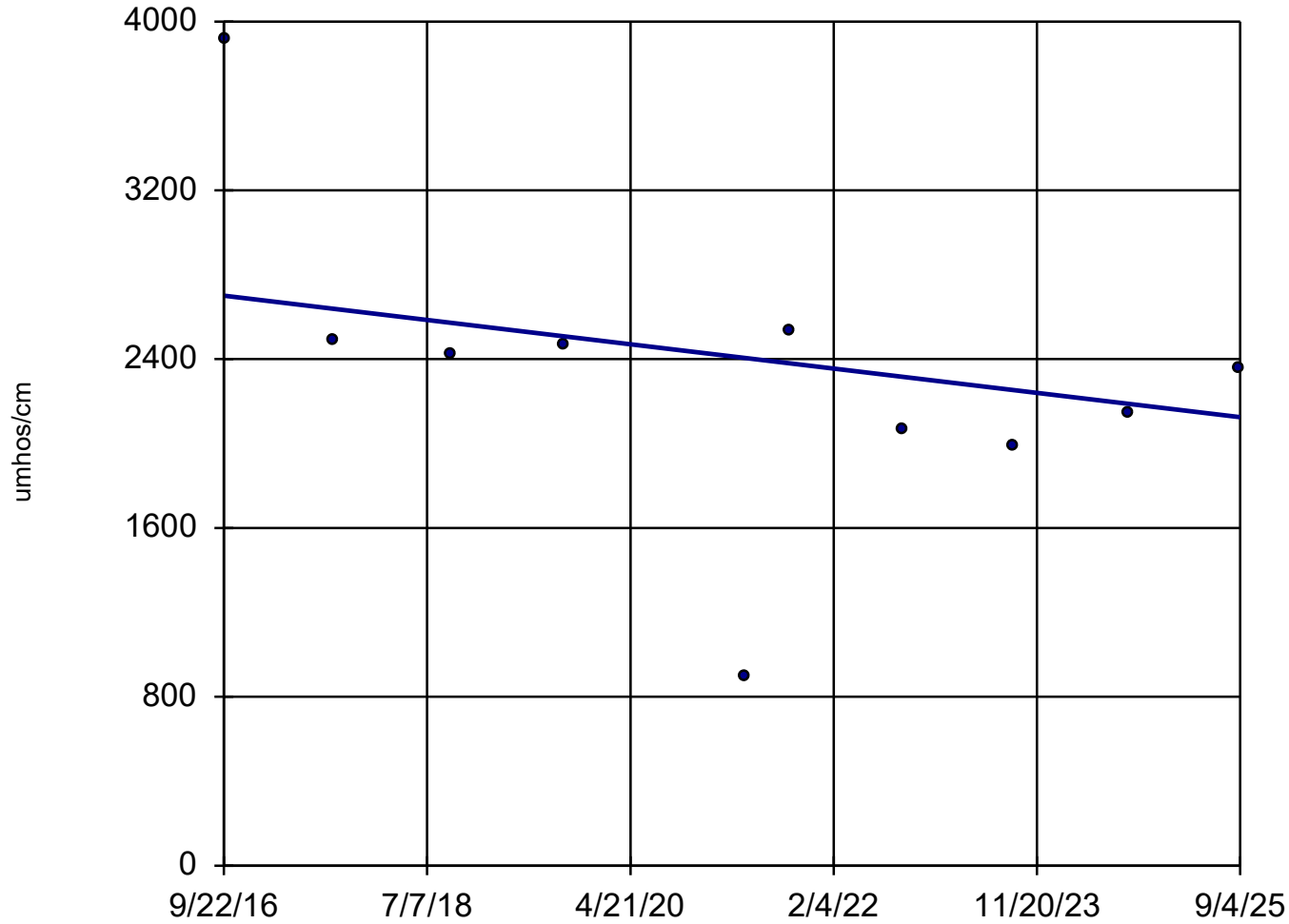
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-12

9/22/2016	996
9/10/2017	703
9/24/2018	644
9/18/2019	423
9/10/2020	749
9/22/2021	796
9/13/2022	739
9/6/2023	717
9/10/2024	757
9/4/2025	770

Field Specific Conductance

MW-13



n = 10

Slope = -64.18
units per year.

Mann-Kendall
statistic = -17
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

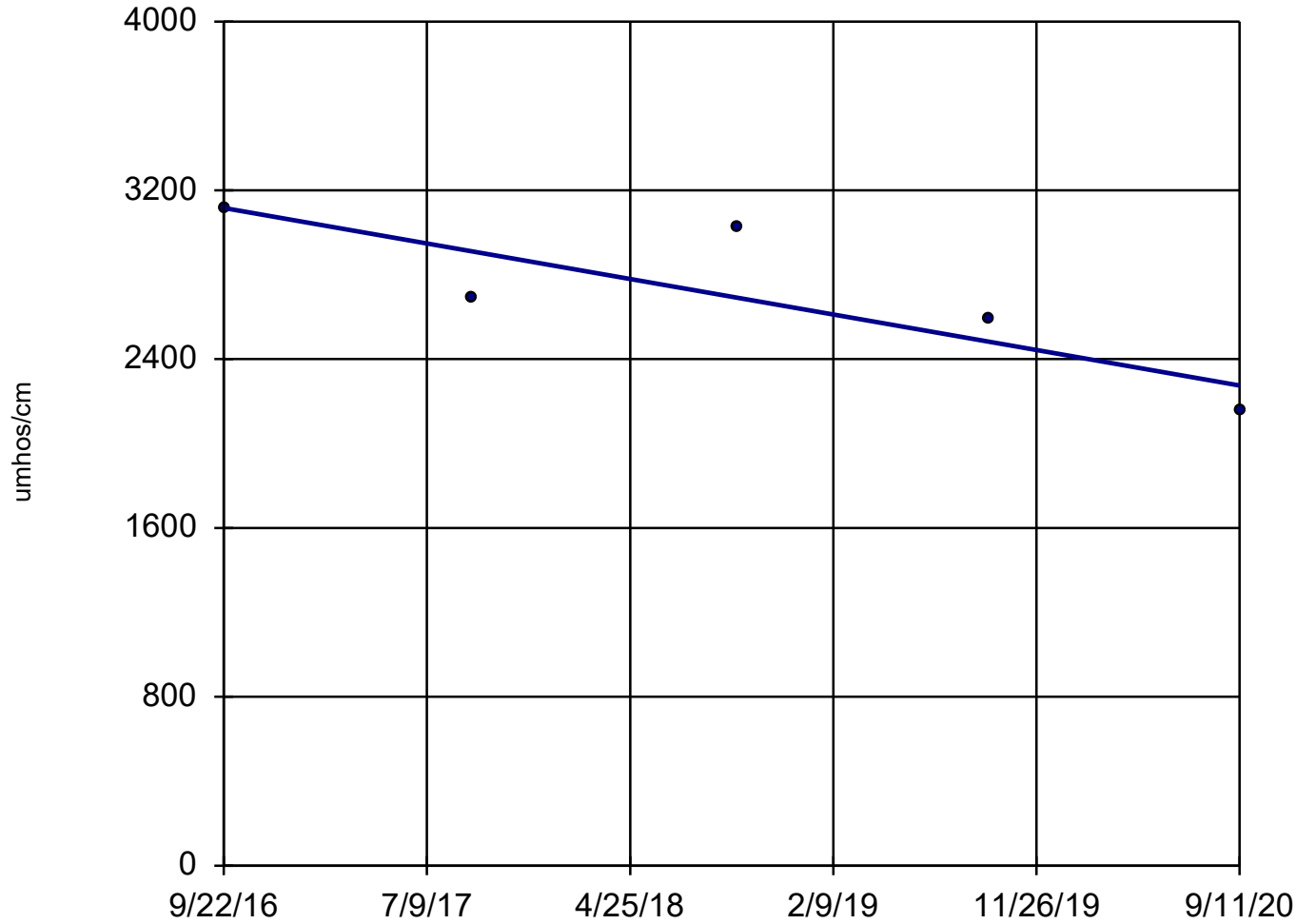
Sen's Slope Estimator

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-13
9/22/2016	3920
9/10/2017	2487
9/24/2018	2425
9/18/2019	2470
4/28/2021	895
9/16/2021	2534
9/12/2022	2064
9/7/2023	1987
9/11/2024	2150
9/4/2025	2361

Field Specific Conductance

MW-14



n = 5
Slope = -211.6
units per year.
Mann-Kendall
statistic = -8
critical = -10
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope Estimator

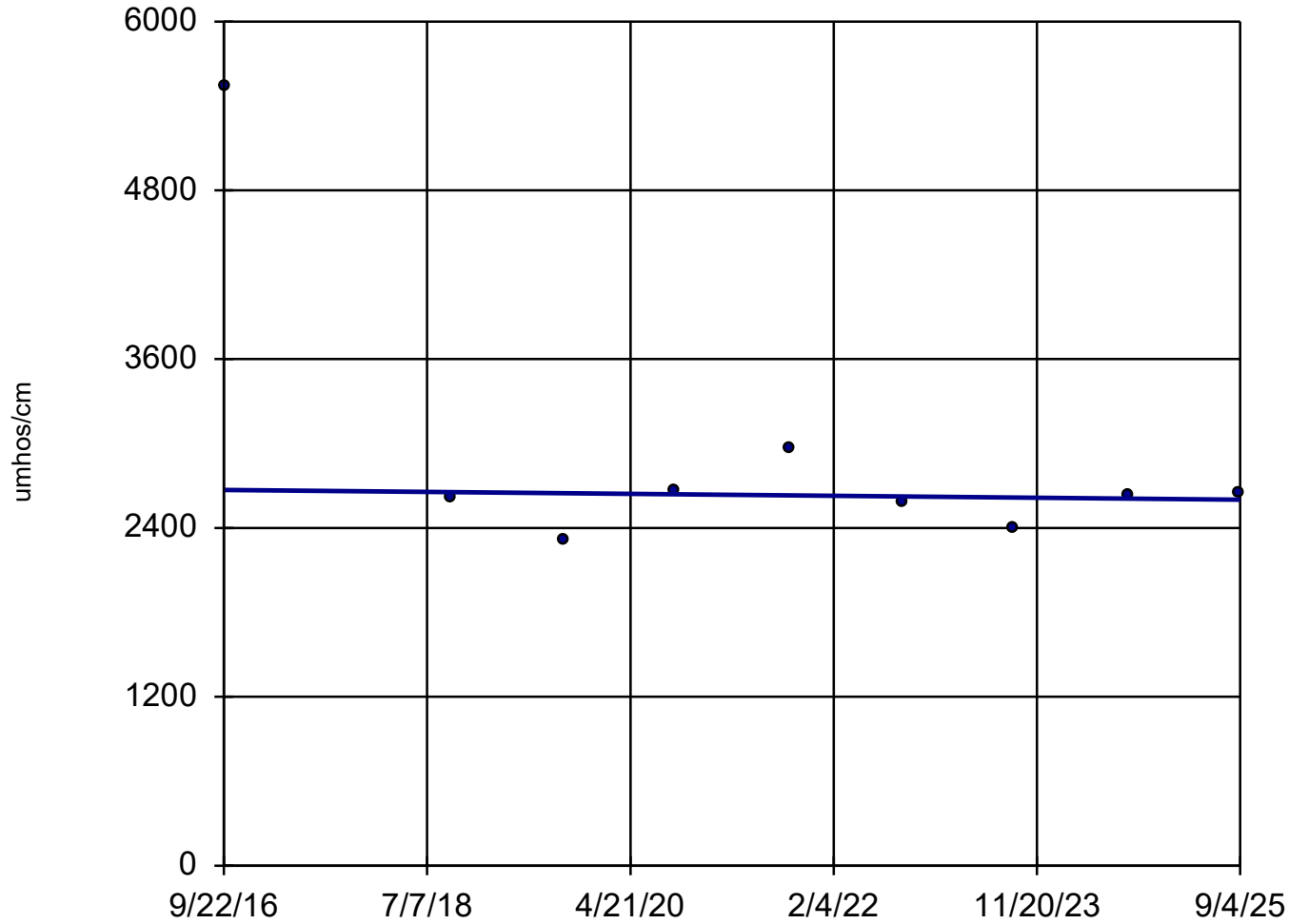
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-14

9/22/2016	3117
9/10/2017	2692
9/24/2018	3024
9/18/2019	2590
9/11/2020	2151

Field Specific Conductance

MW-15



n = 9
Slope = -7.893
units per year.
Mann-Kendall
statistic = -4
critical = -23
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope Estimator

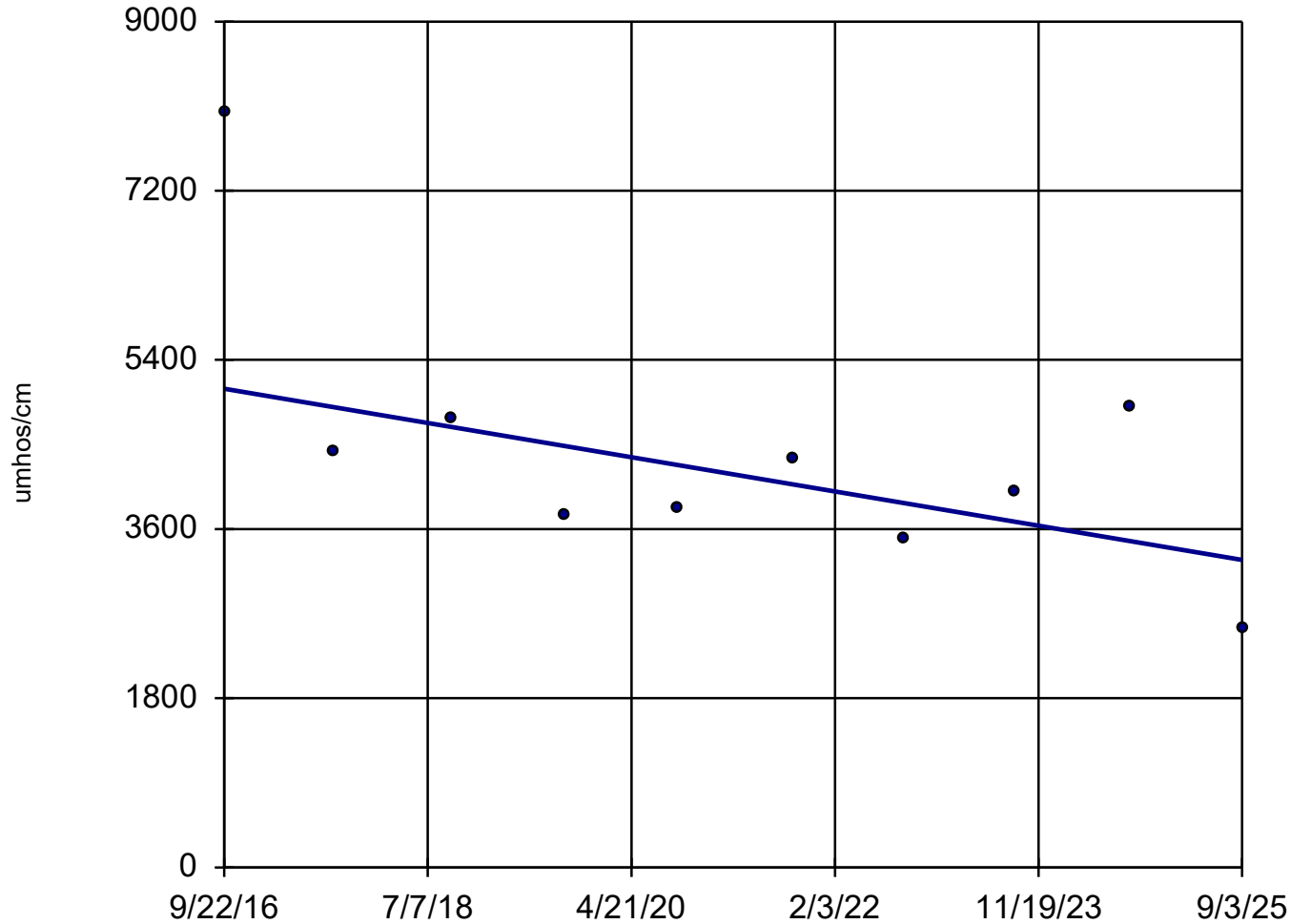
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-15

9/22/2016	5540
9/24/2018	2613
9/19/2019	2320
9/11/2020	2668
9/17/2021	2972
9/14/2022	2586
9/7/2023	2391
9/11/2024	2632
9/4/2025	2657

Field Specific Conductance

MW-16



n = 10

Slope = -203.2
units per year.

Mann-Kendall
statistic = -17
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

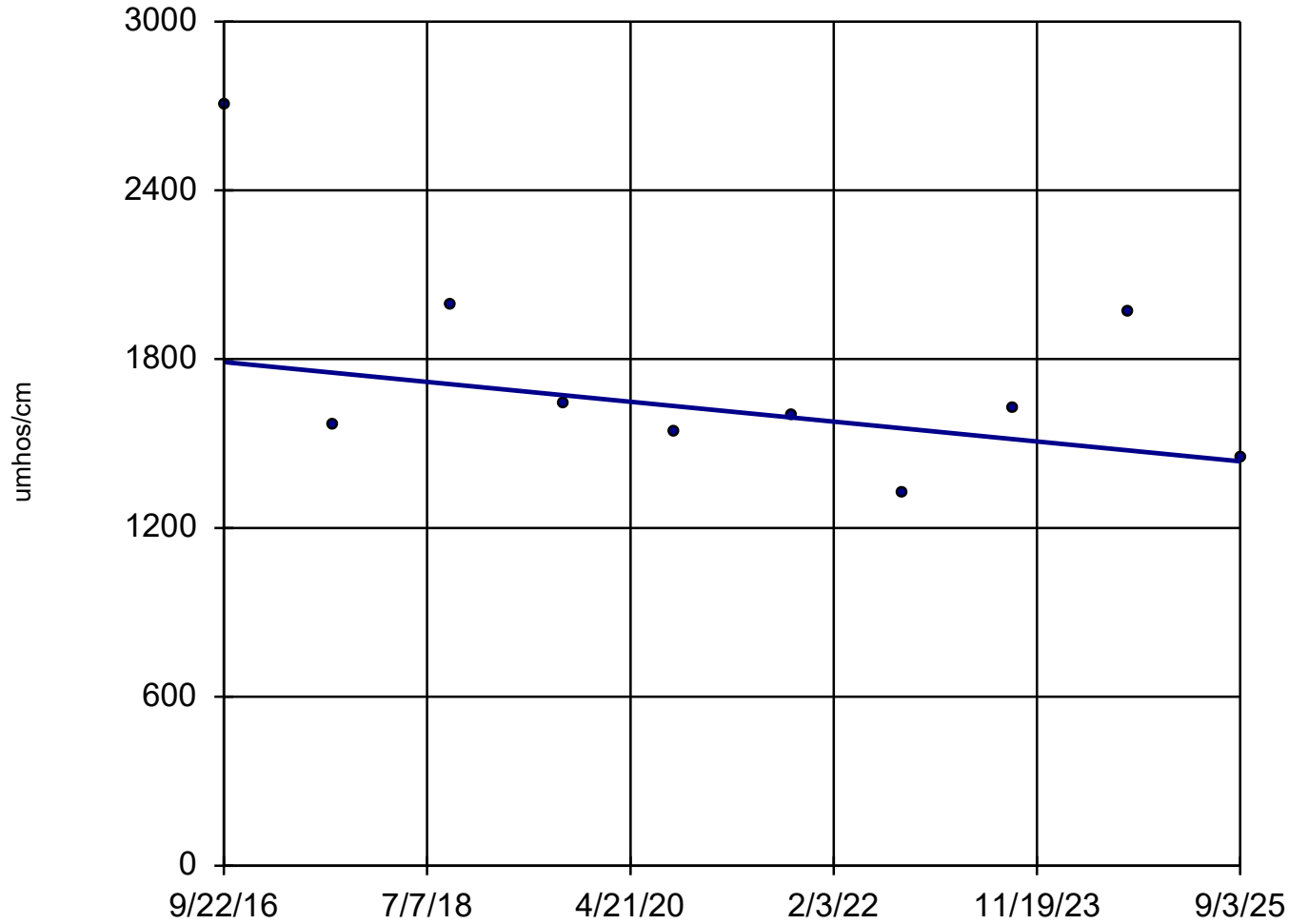
Sen's Slope Estimator

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-16
9/22/2016	8041
9/10/2017	4437
9/24/2018	4765
9/18/2019	3747
9/14/2020	3812
9/21/2021	4354
9/14/2022	3487
9/6/2023	4006
9/10/2024	4903
9/3/2025	2535

Field Specific Conductance

MW-17



n = 10

Slope = -39.46
units per year.

Mann-Kendall
statistic = -15
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:12 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

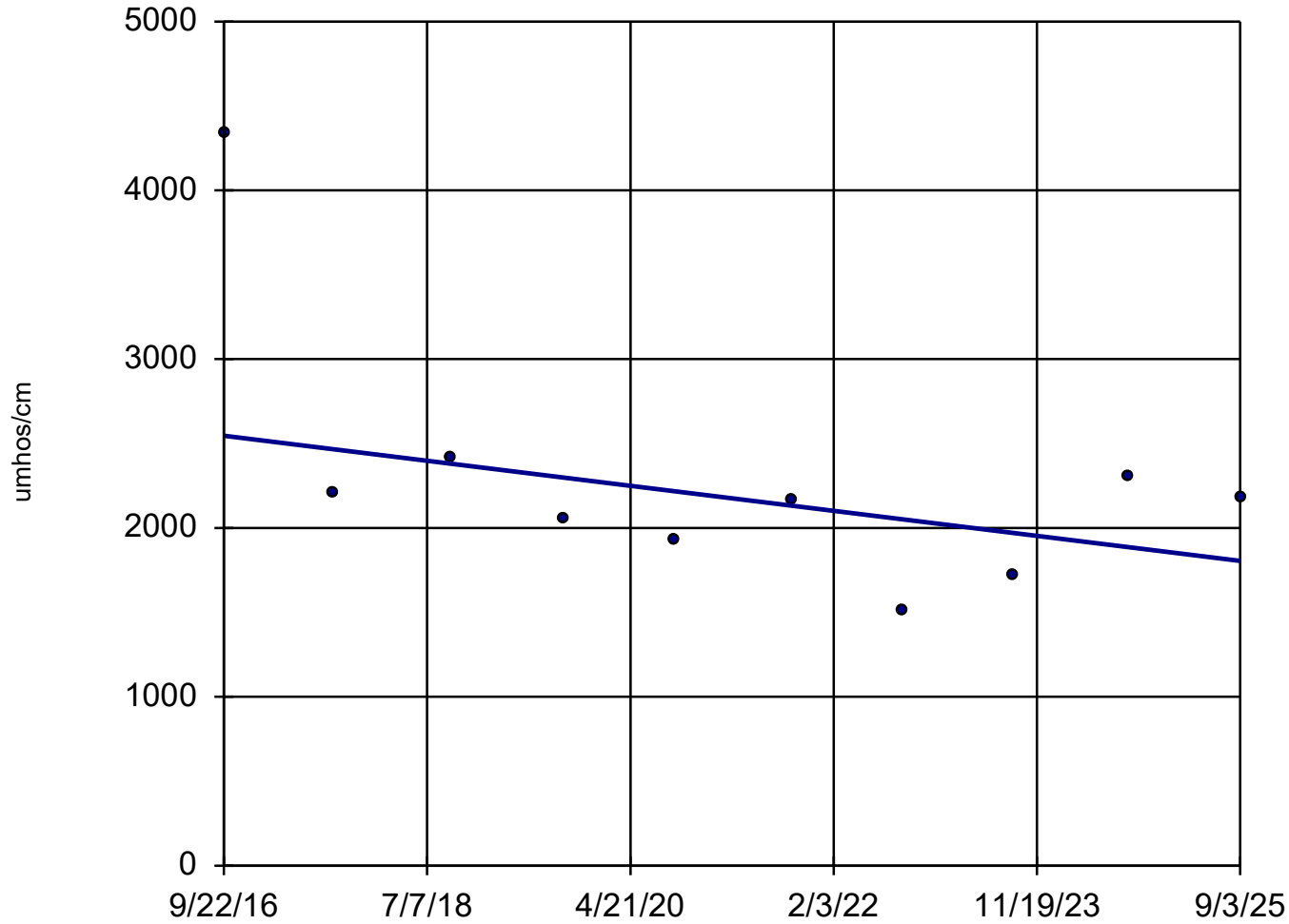
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-17

9/22/2016	2706
9/10/2017	1570
9/24/2018	1994
9/18/2019	1640
9/11/2020	1538
9/21/2021	1604
9/14/2022	1327
9/6/2023	1622
9/10/2024	1968
9/3/2025	1448

Field Specific Conductance

MW-18



n = 10

Slope = -82.82
units per year.

Mann-Kendall
statistic = -15
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

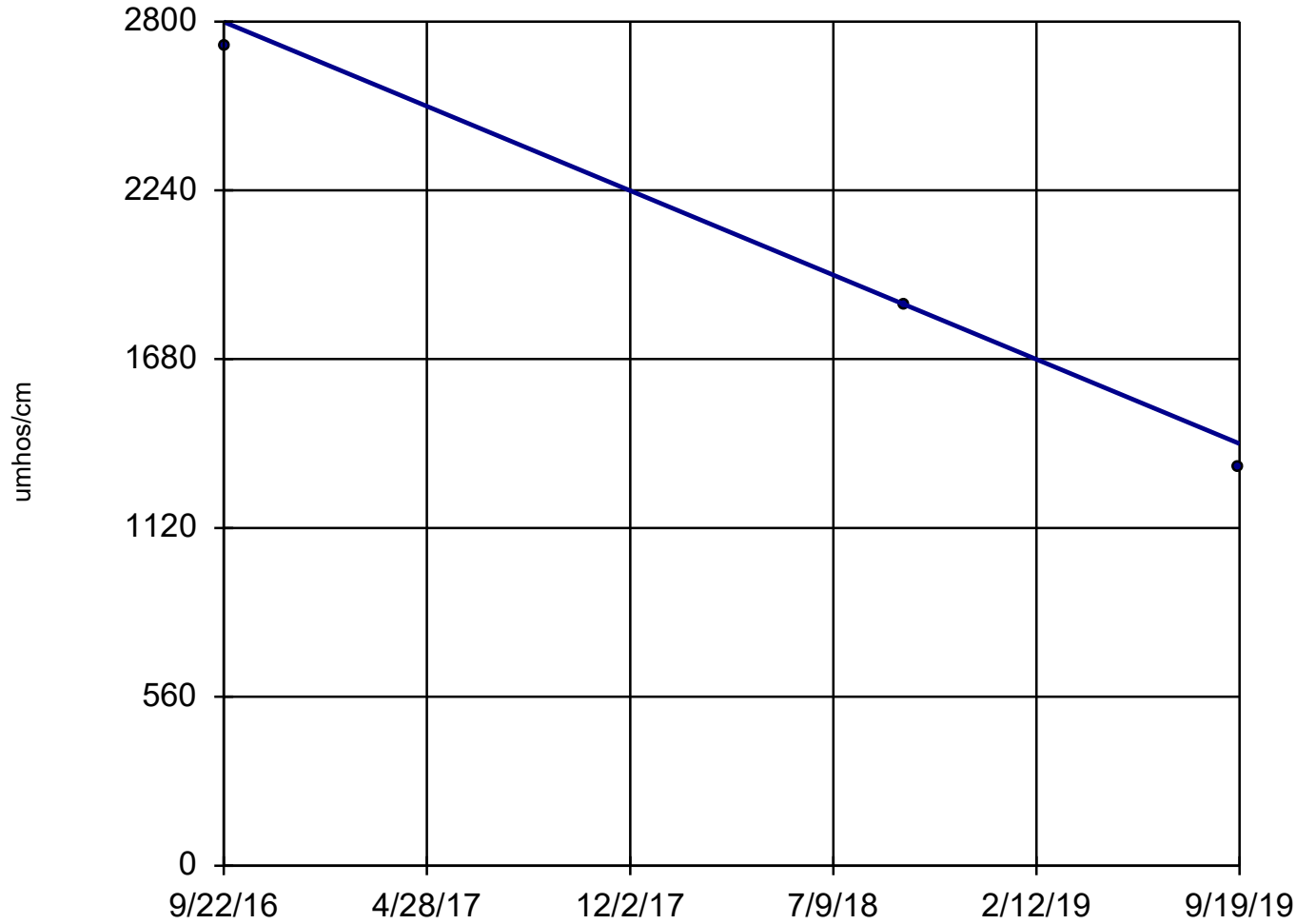
Sen's Slope Estimator

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-18
9/22/2016	4343
9/10/2017	2211
9/24/2018	2420
9/18/2019	2058
9/11/2020	1925
9/21/2021	2172
9/14/2022	1509
9/6/2023	1717
9/11/2024	2300
9/3/2025	2177

Field Specific Conductance

MW-20



n = 3
Slope = -467.3
units per year.
Minimum n for
Mann-Kendall
is 4.

Sen's Slope Estimator

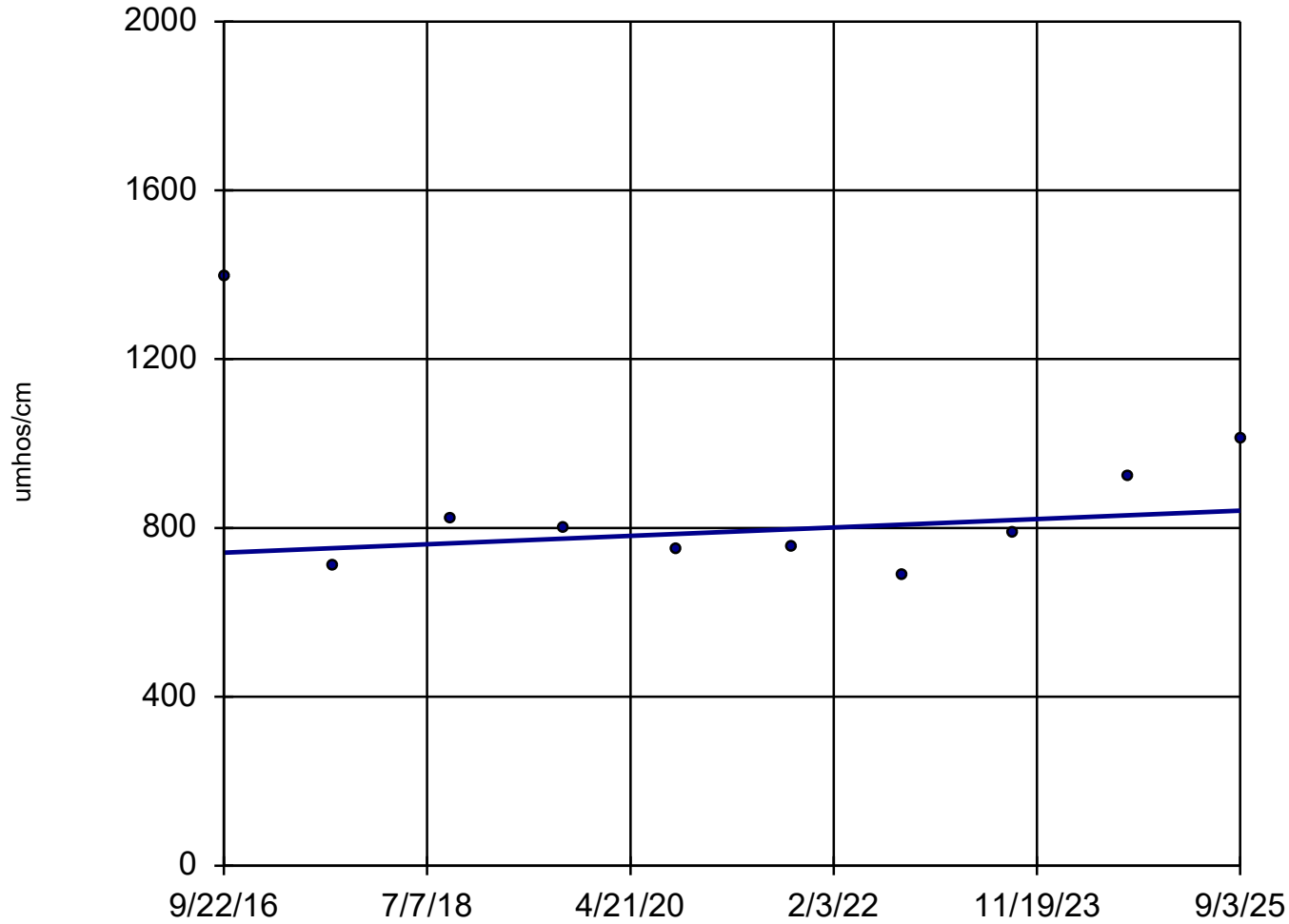
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-20

9/22/2016	2719
9/24/2018	1861
9/19/2019	1321

Field Specific Conductance

MW-21



n = 10

Slope = 11.17
units per year.

Mann-Kendall
statistic = 3
critical = 27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

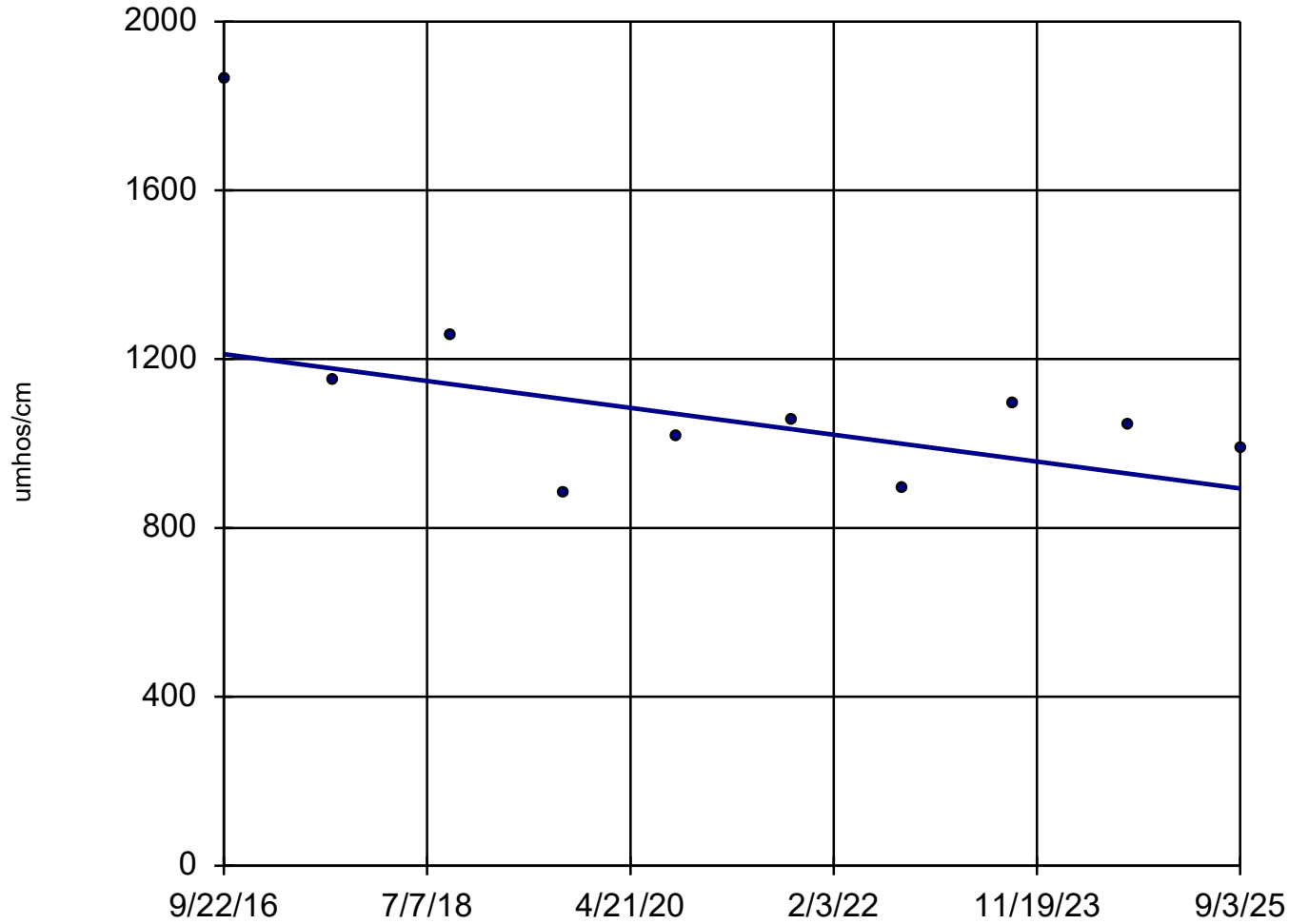
Sen's Slope Estimator

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-21
9/22/2016	1397
9/10/2017	711
9/24/2018	821
9/19/2019	797
9/15/2020	747
9/20/2021	756
9/14/2022	688
9/7/2023	786
9/10/2024	922
9/3/2025	1010

Field Specific Conductance

MW-22



n = 10

Slope = -35.53
units per year.

Mann-Kendall
statistic = -17
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

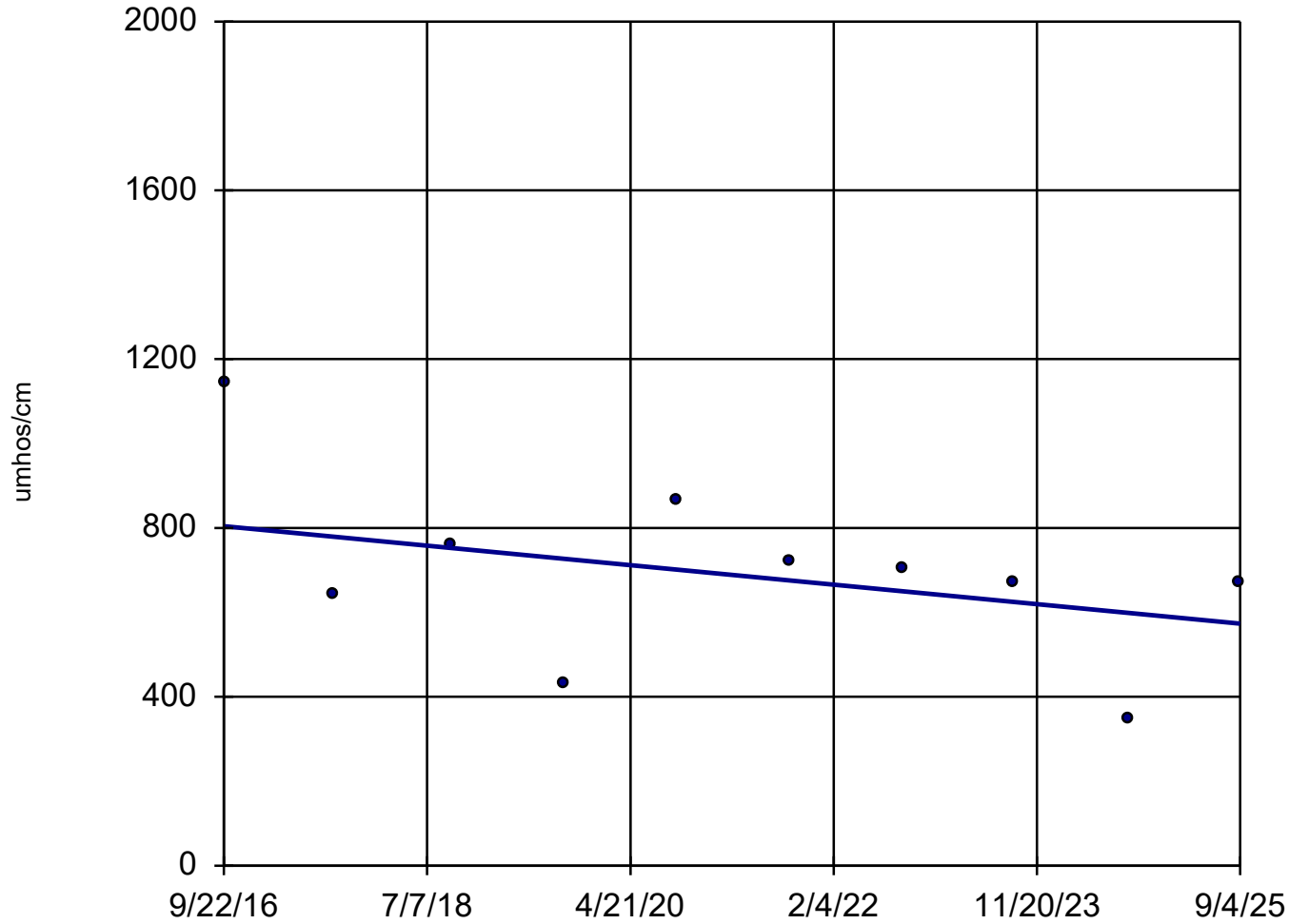
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-22

9/22/2016	1861
9/10/2017	1149
9/24/2018	1259
9/19/2019	885
9/15/2020	1016
9/21/2021	1058
9/14/2022	893
9/7/2023	1094
9/10/2024	1047
9/3/2025	991

Field Specific Conductance

MW-23



n = 10

Slope = -25.78
units per year.

Mann-Kendall
statistic = -17
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

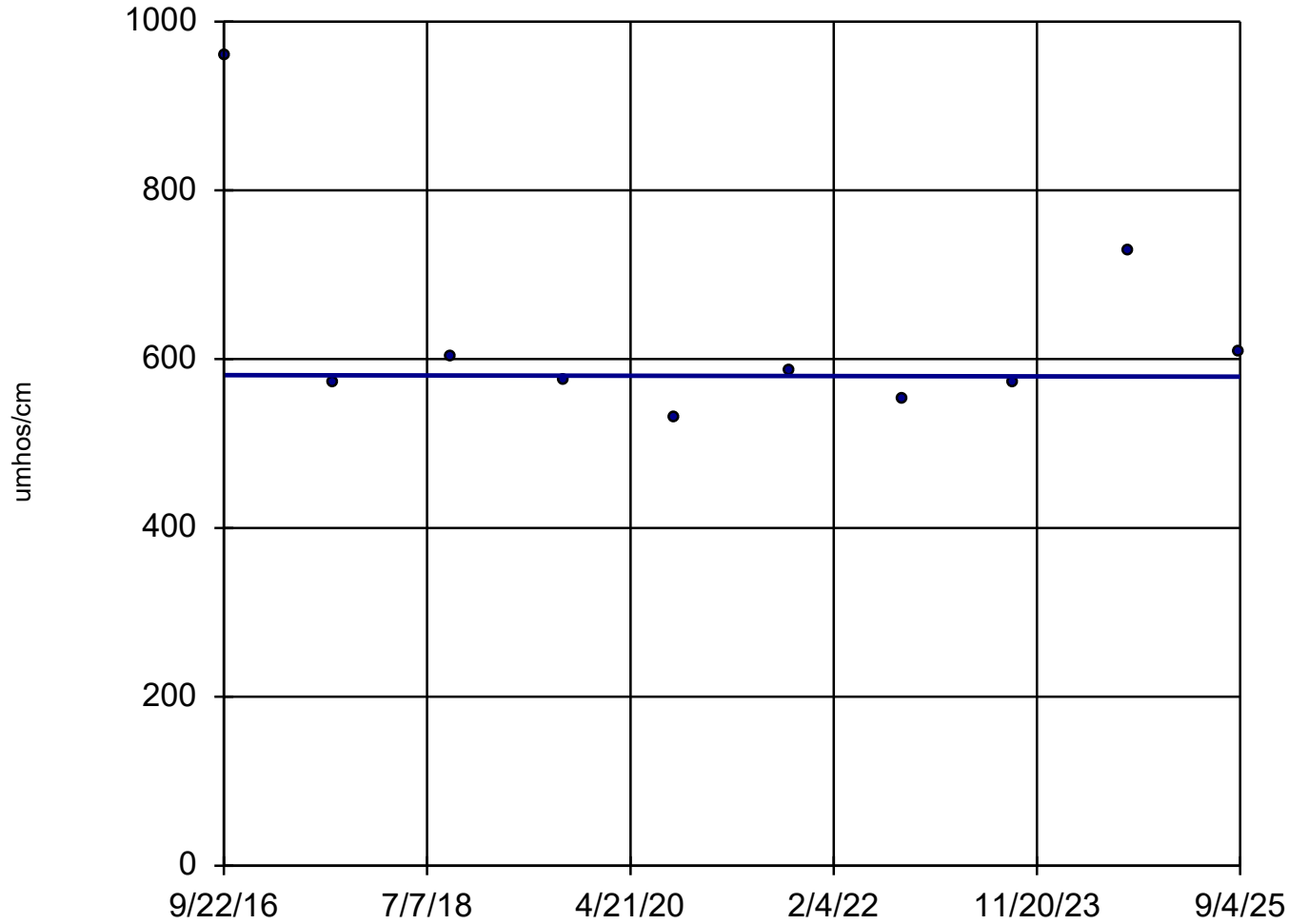
Sen's Slope Estimator

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-23
9/22/2016	1143
9/10/2017	646
9/24/2018	759
9/18/2019	431
9/15/2020	864
9/15/2021	721
9/14/2022	704
9/7/2023	670
9/11/2024	350.9
9/4/2025	673

Field Specific Conductance

MW-24



n = 10

Slope = -0.1836
units per year.

Mann-Kendall
statistic = -1
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

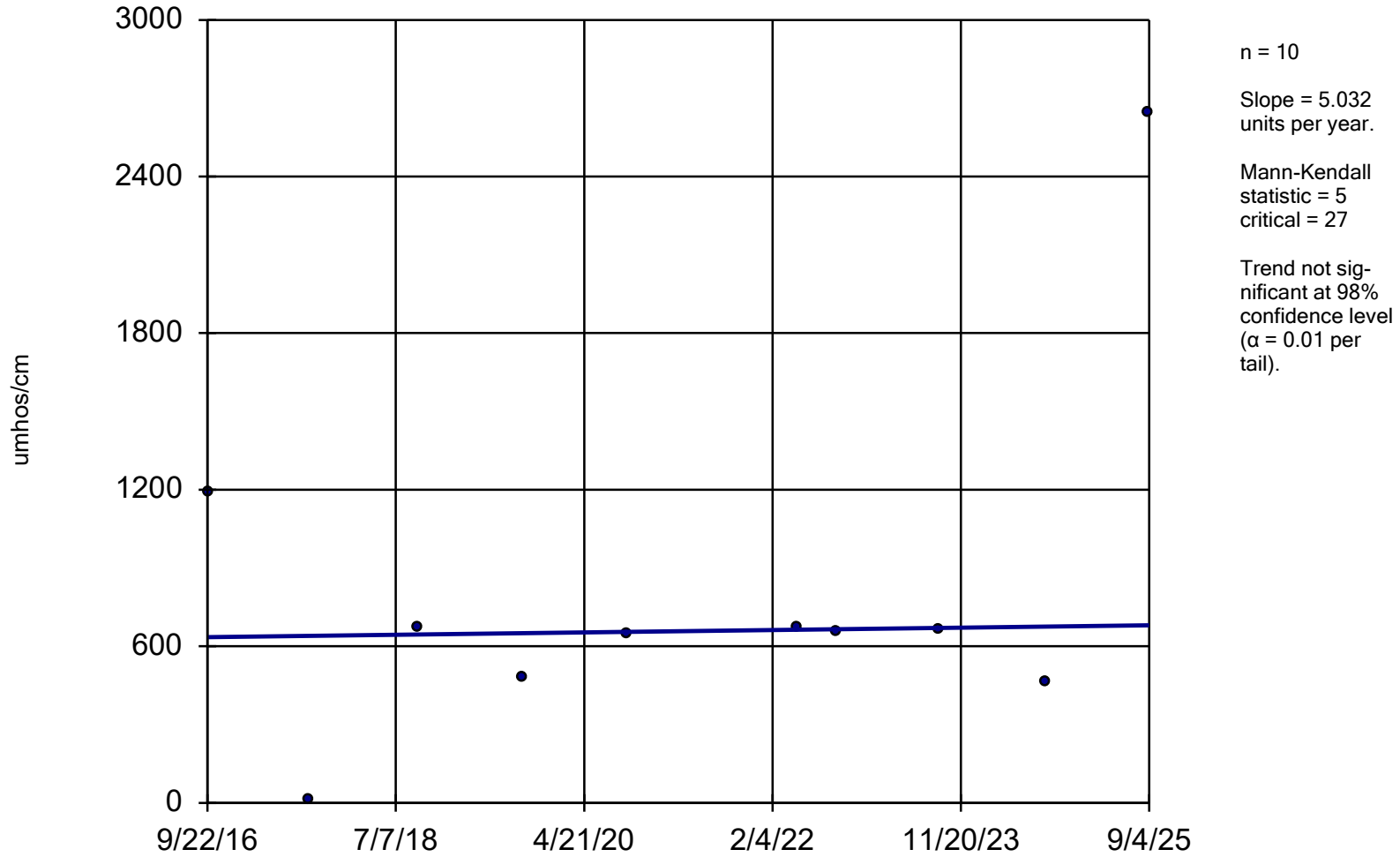
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-24

9/22/2016	961
9/10/2017	573.7
9/24/2018	603
9/19/2019	575
9/10/2020	531.3
9/16/2021	585.3
9/13/2022	553.4
9/6/2023	572.6
9/10/2024	729
9/4/2025	610

Field Specific Conductance

MW-25



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

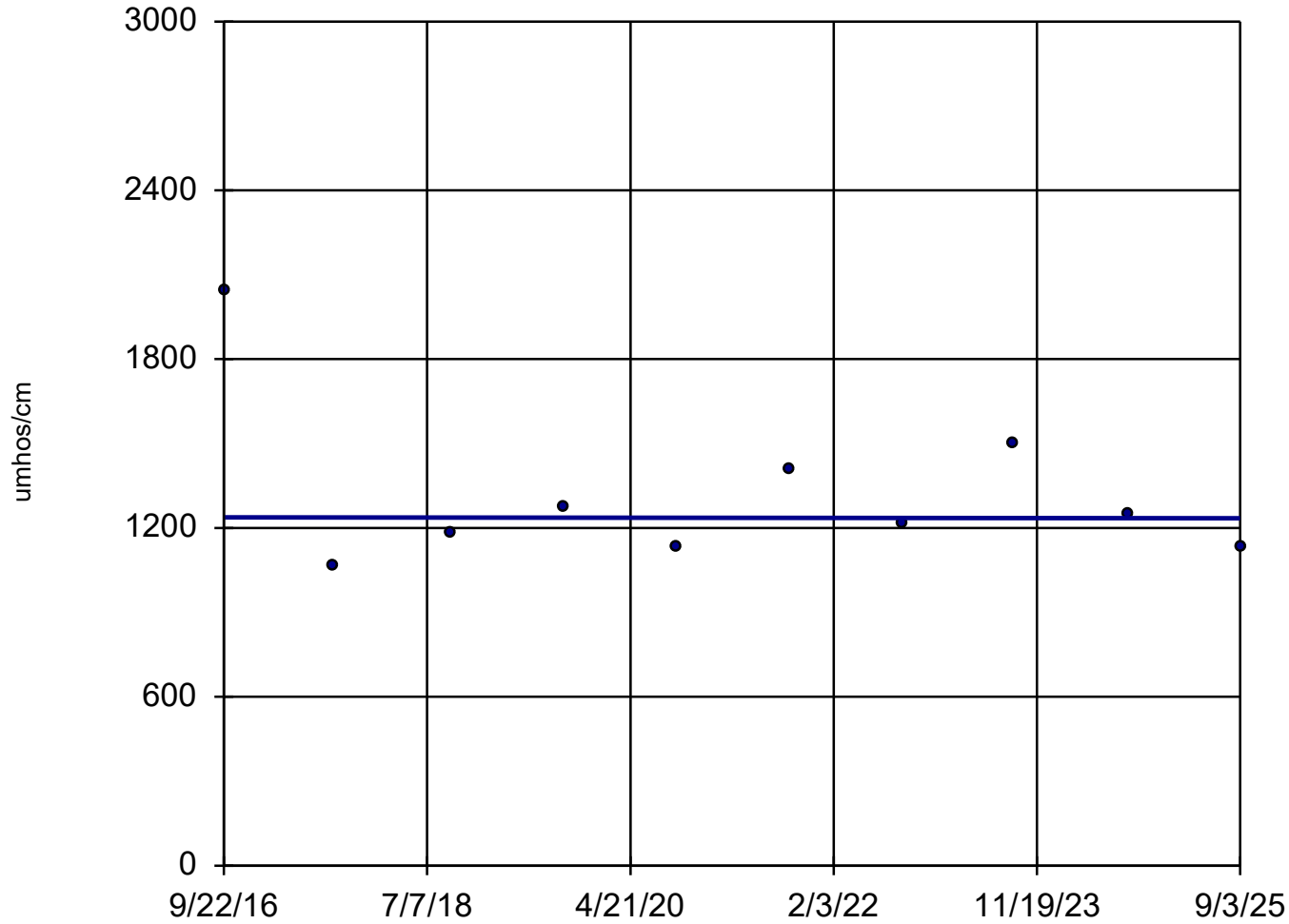
Sen's Slope Estimator

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-25
9/22/2016	1194
9/10/2017	12
9/24/2018	669
9/18/2019	482
9/14/2020	647
4/29/2022	669.5
9/15/2022	656.5
9/7/2023	662
9/11/2024	467.4
9/4/2025	2647

Field Specific Conductance

MW-26



n = 10

Slope = -0.4022
units per year.

Mann-Kendall
statistic = -1
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

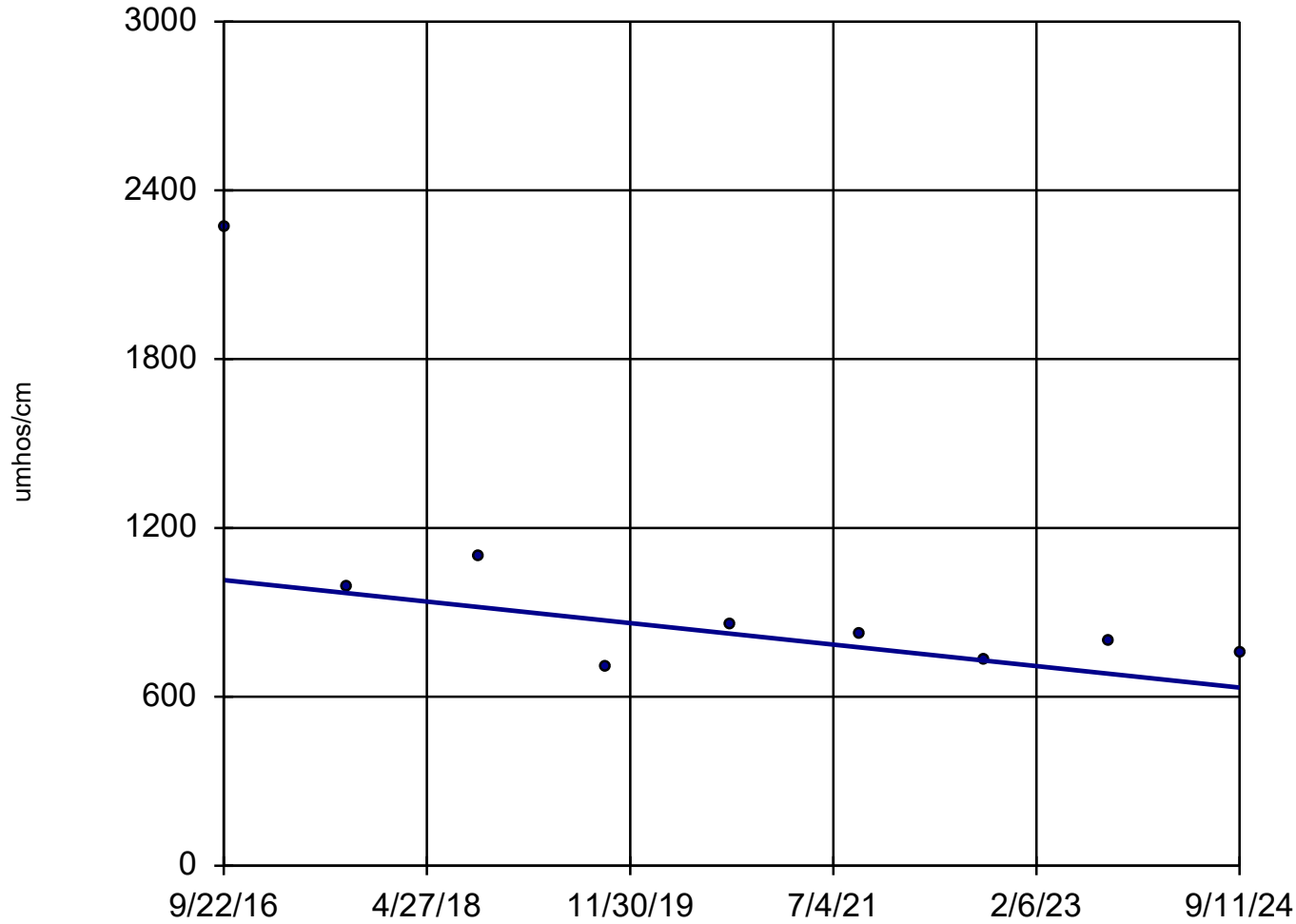
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-26

9/22/2016	2044
9/10/2017	1069
9/24/2018	1182
9/19/2019	1271
9/14/2020	1132
9/16/2021	1404
9/14/2022	1220
9/7/2023	1501
9/10/2024	1252
9/3/2025	1130

Field Specific Conductance

MW-27



n = 9
Slope = -47.9
units per year.
Mann-Kendall
statistic = -20
critical = -23
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope Estimator

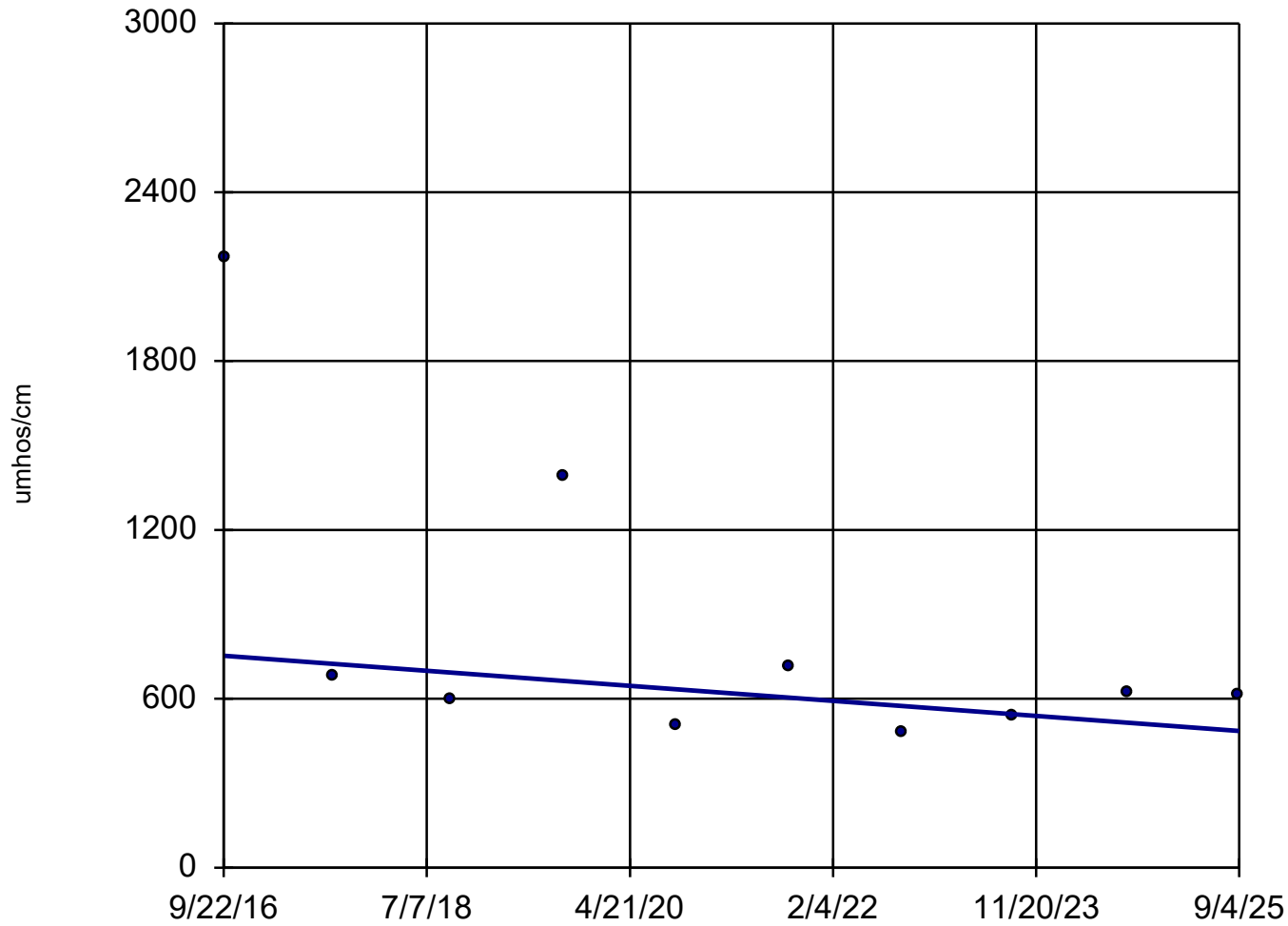
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-27

9/22/2016	2269
9/10/2017	991
9/24/2018	1097
9/19/2019	705
9/14/2020	858
9/20/2021	824
9/14/2022	732
9/6/2023	794
9/11/2024	755

Field Specific Conductance

MW-2A (bg)



n = 10

Slope = -29.81
units per year.

Mann-Kendall
statistic = -15
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

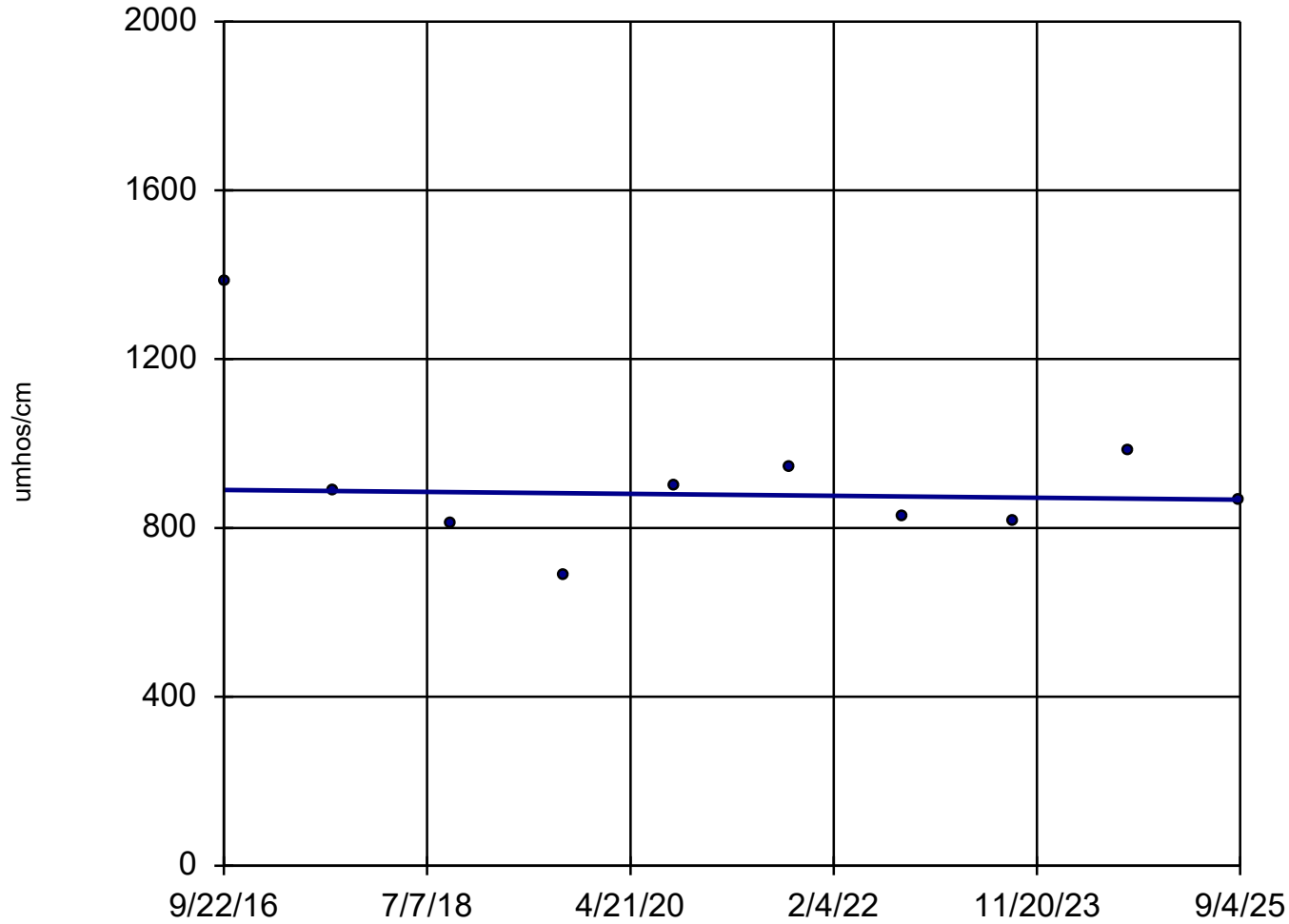
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-2A (bg)

9/22/2016	2167
9/10/2017	678
9/24/2018	599
9/19/2019	1395
9/14/2020	507.7
9/15/2021	715
9/14/2022	480.5
9/7/2023	535
9/11/2024	622
9/4/2025	616

Field Specific Conductance

MW-3



n = 10

Slope = -2.629
units per year.

Mann-Kendall
statistic = -1
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

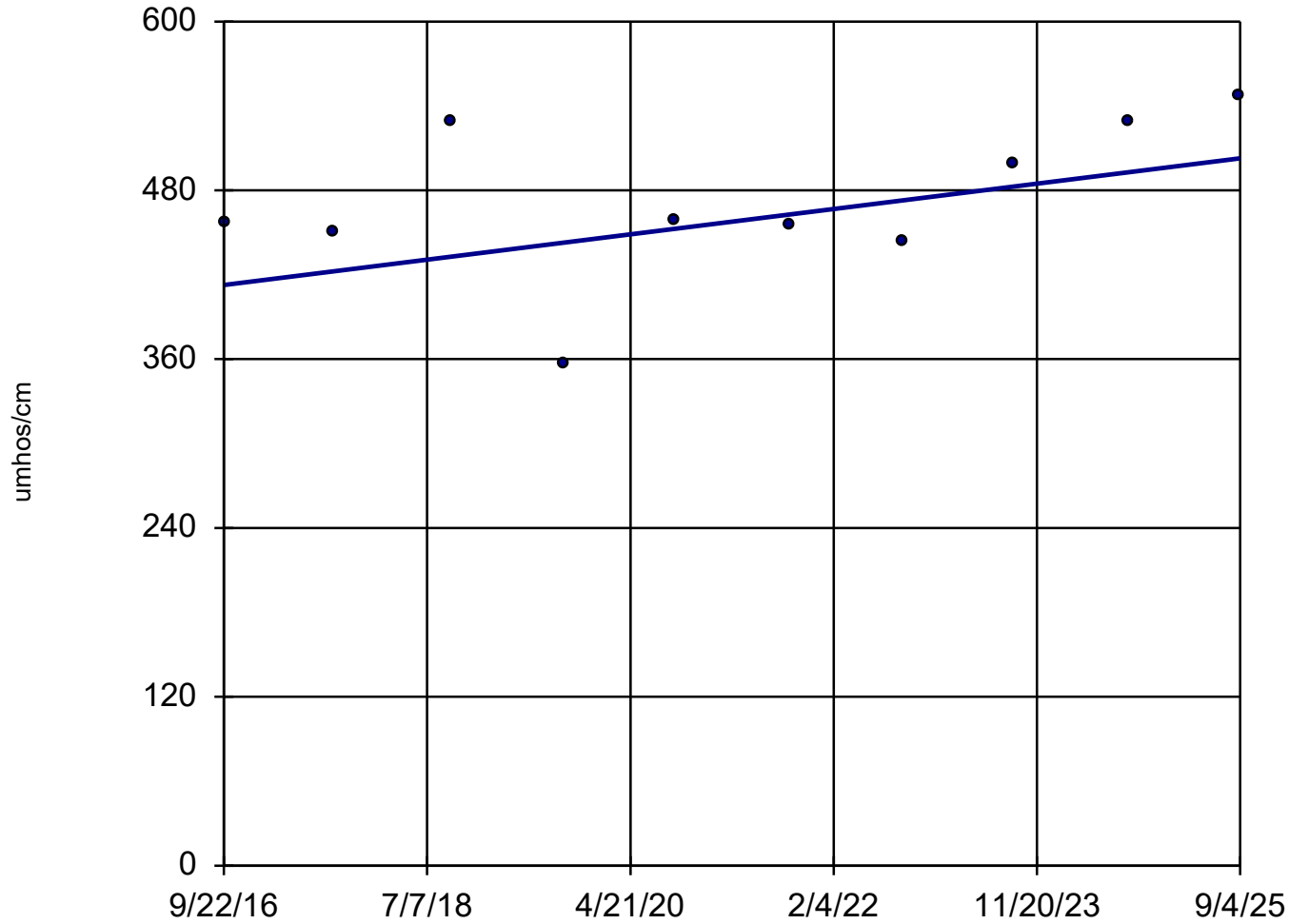
Sen's Slope Estimator

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-3
9/22/2016	1383
9/10/2017	889
9/24/2018	813
9/19/2019	686
9/11/2020	897
9/15/2021	942
9/13/2022	827
9/6/2023	814
9/10/2024	983
9/4/2025	868

Field Specific Conductance

MW-8 (bg)



n = 10

Slope = 10.05
units per year.

Mann-Kendall
statistic = 17
critical = 27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

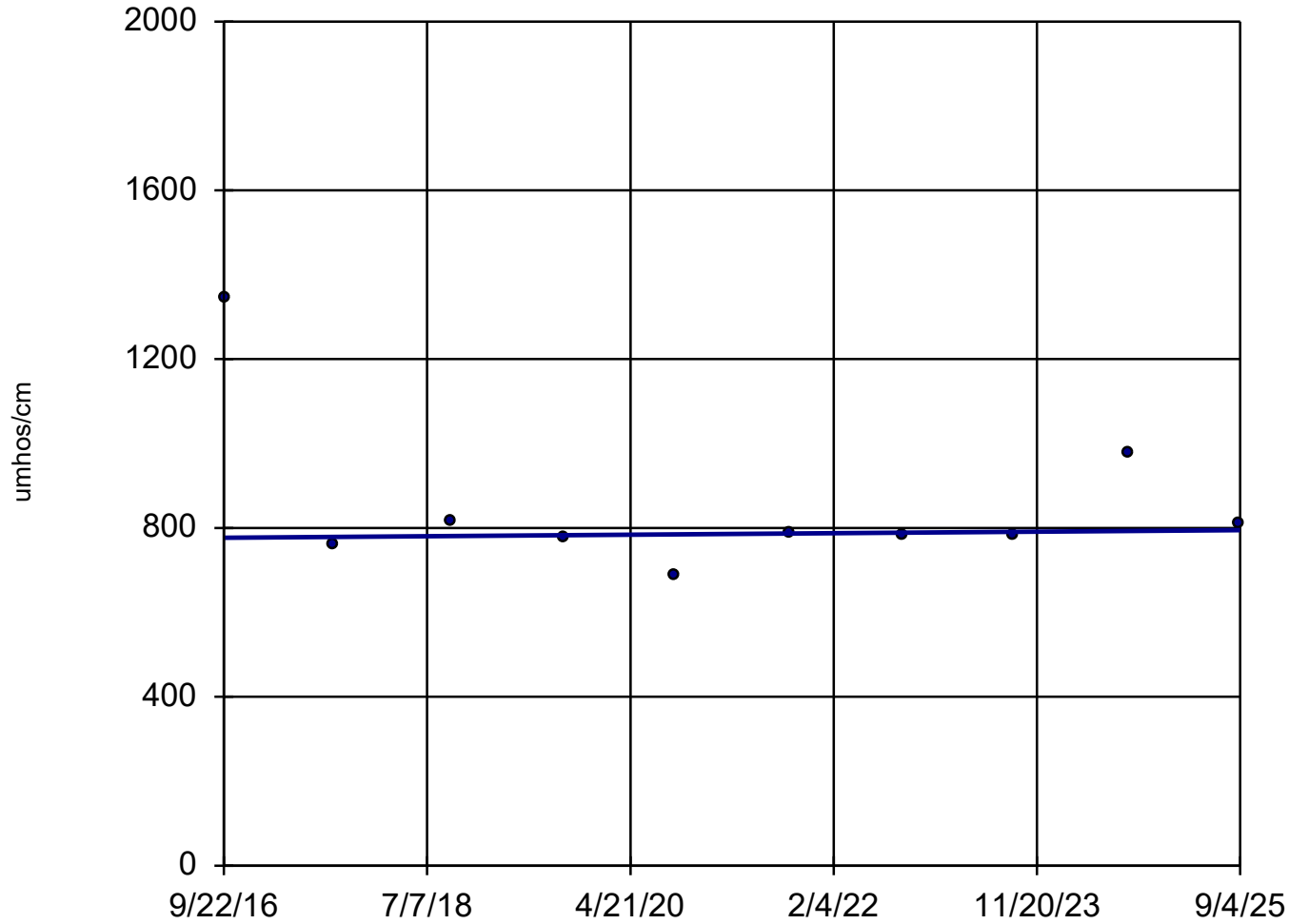
Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-8 (bg)

9/22/2016	457
9/10/2017	450.2
9/24/2018	528.8
9/19/2019	356
9/11/2020	458.4
9/16/2021	455.4
9/14/2022	444.2
9/7/2023	498.3
9/11/2024	529
9/4/2025	547

Field Specific Conductance

MW-9



n = 10
Slope = 2.009
units per year.
Mann-Kendall
statistic = 3
critical = 27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

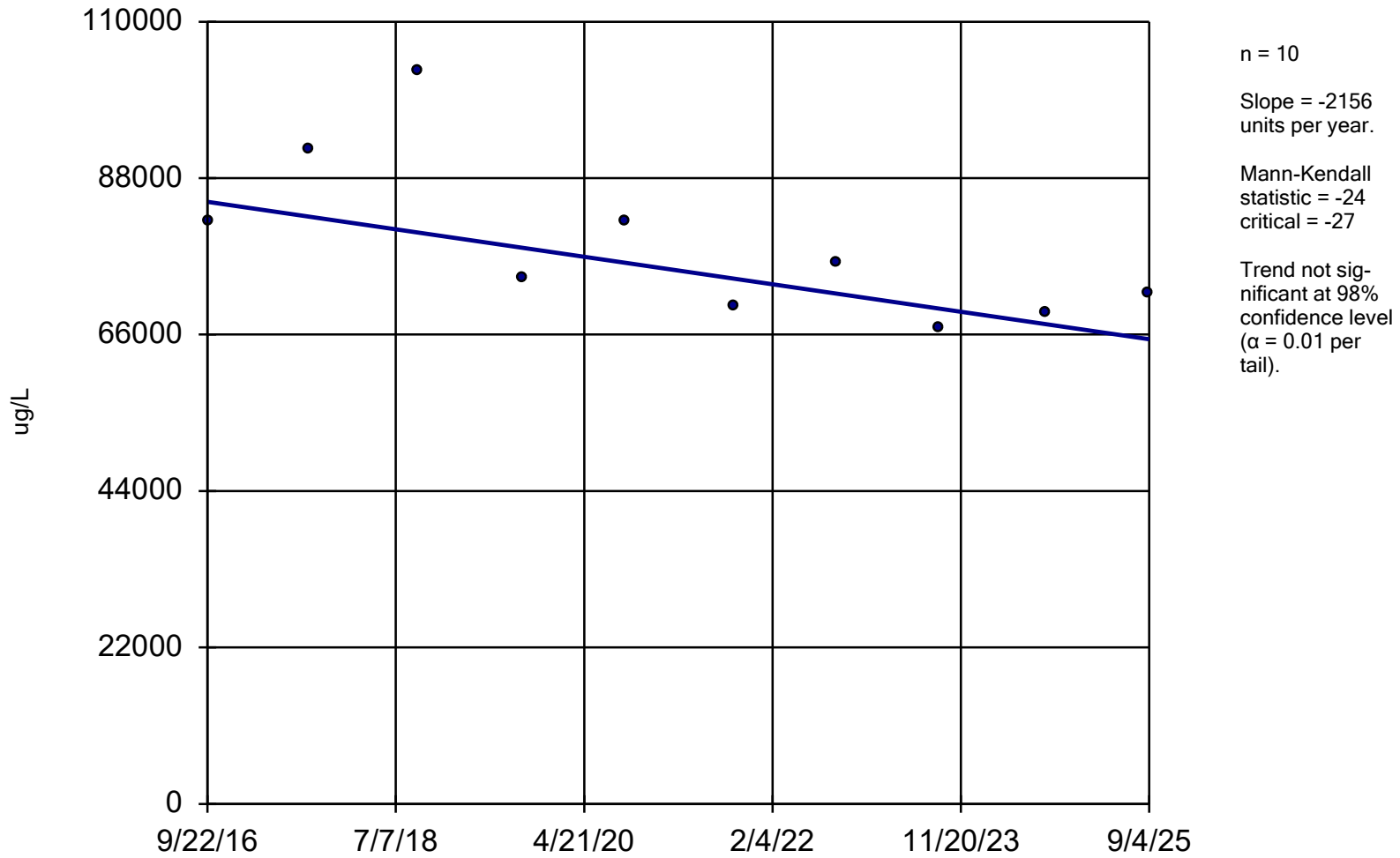
Sen's Slope Estimator

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-9
9/22/2016	1347
9/10/2017	758
9/24/2018	816
9/19/2019	779
9/10/2020	690
9/16/2021	787
9/13/2022	785
9/7/2023	780
9/10/2024	975
9/4/2025	810

Magnesium

MW-10



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

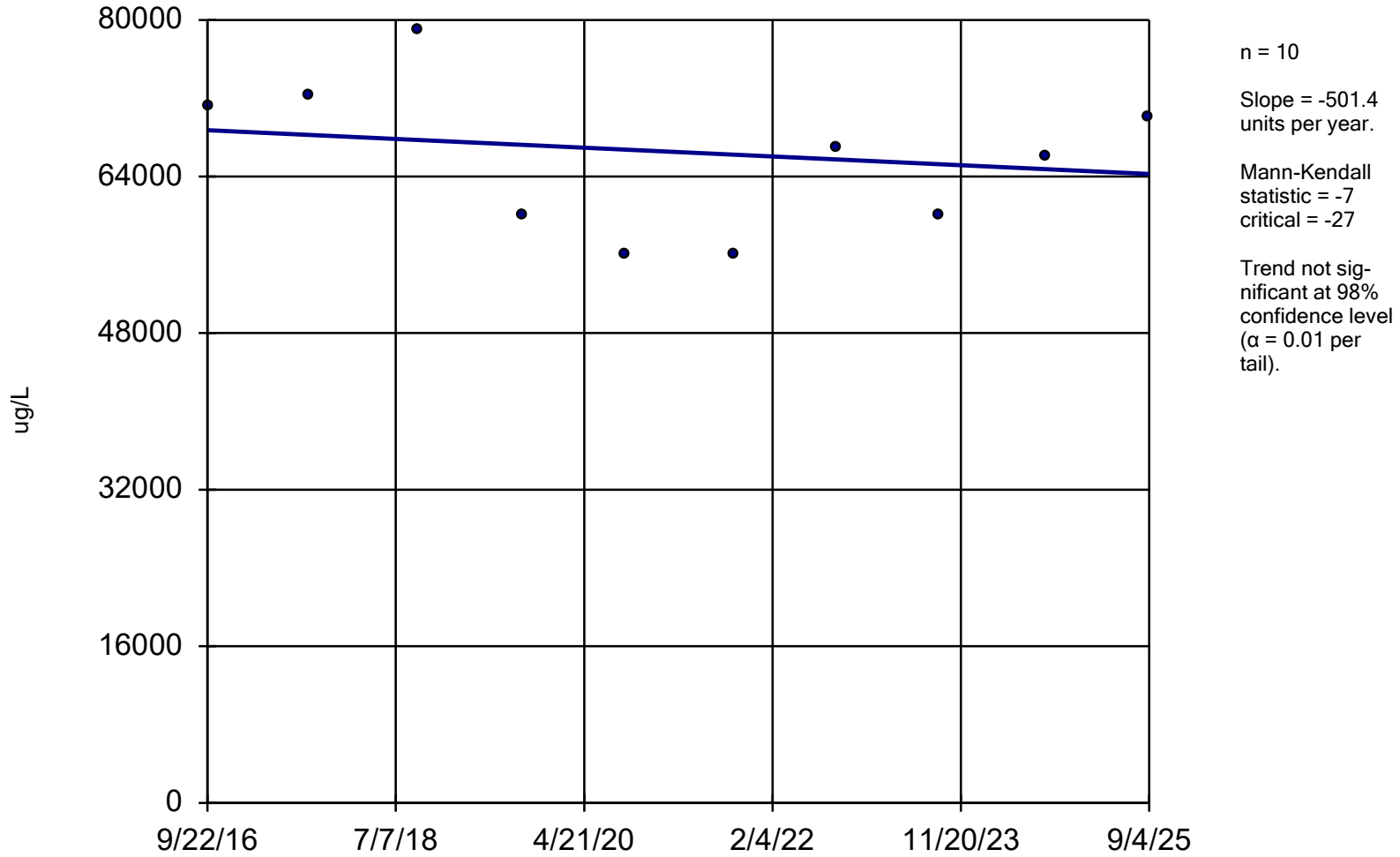
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10
9/22/2016	82000
9/10/2017	92100
9/20/2018	103000
9/18/2019	74000
9/10/2020	82000
9/22/2021	70000
9/13/2022	76000
9/6/2023	67000
9/10/2024	69000
9/4/2025	72000

Magnesium

MW-11



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

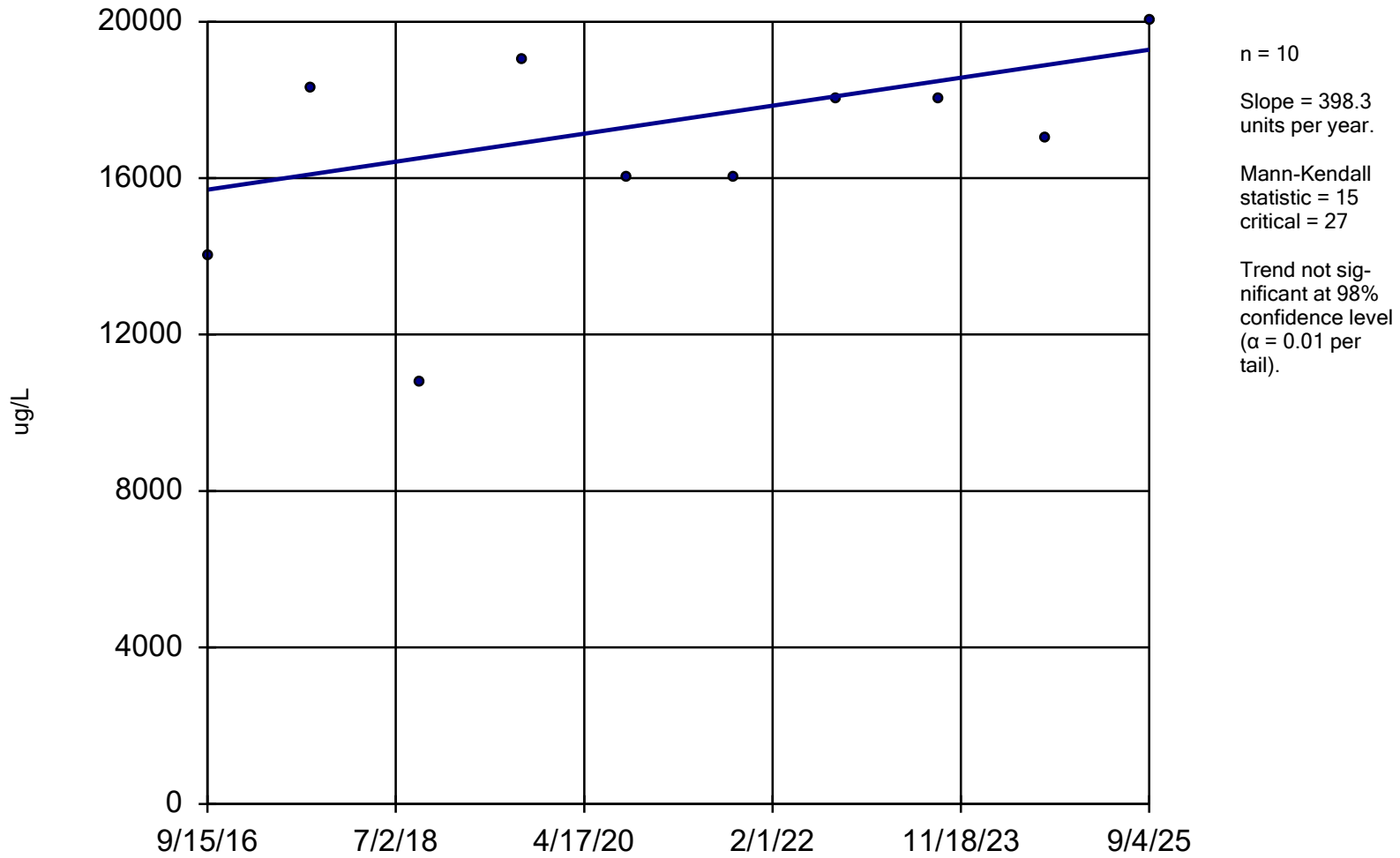
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-11
9/22/2016	71200
9/10/2017	72400
9/24/2018	78900
9/18/2019	60000
9/10/2020	56000
9/22/2021	56000
9/13/2022	67000
9/7/2023	60000
9/10/2024	66000
9/4/2025	70000

Magnesium

MW-12



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

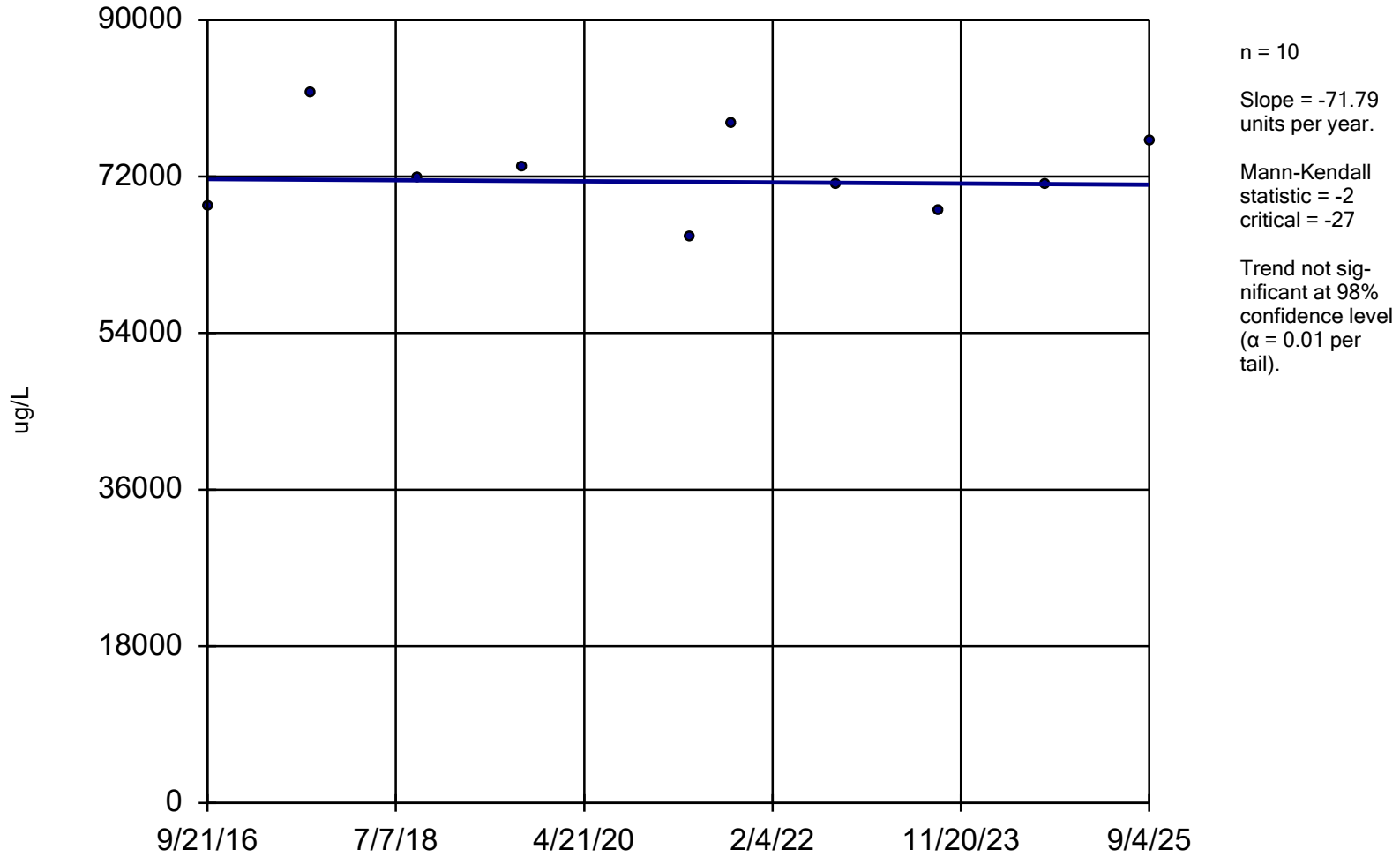
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-12
9/15/2016	14000
9/12/2017	18300
9/24/2018	10800
9/18/2019	19000
9/10/2020	16000
9/22/2021	16000
9/13/2022	18000
9/6/2023	18000
9/10/2024	17000
9/4/2025	20000

Magnesium

MW-13



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

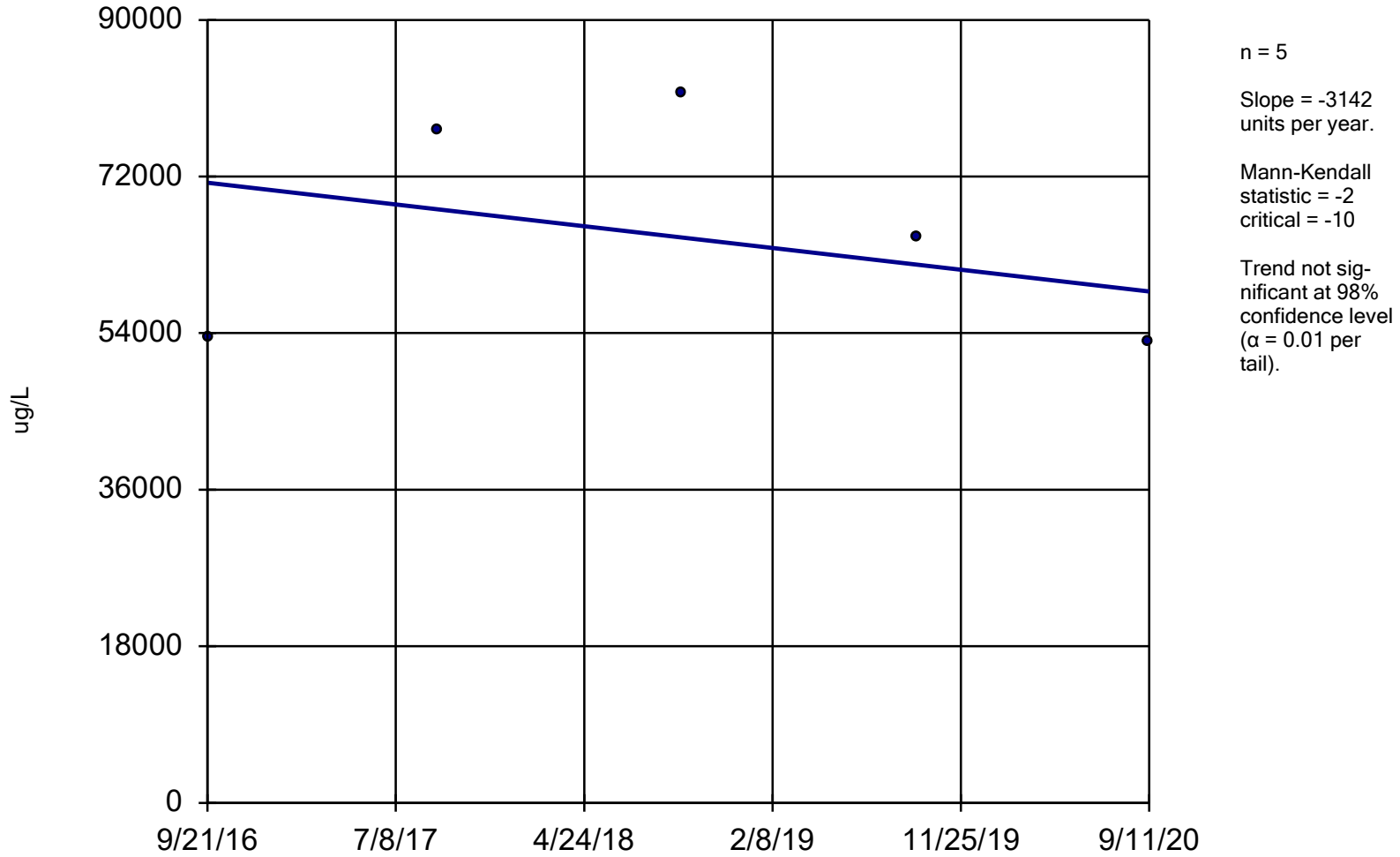
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-13
9/21/2016	68500
9/12/2017	81700
9/20/2018	71700
9/18/2019	73000
4/28/2021	65000
9/16/2021	78000
9/12/2022	71000
9/7/2023	68000
9/11/2024	71000
9/4/2025	76000

Magnesium

MW-14



Sen's Slope Estimator Analysis Run 1/22/2026 3:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

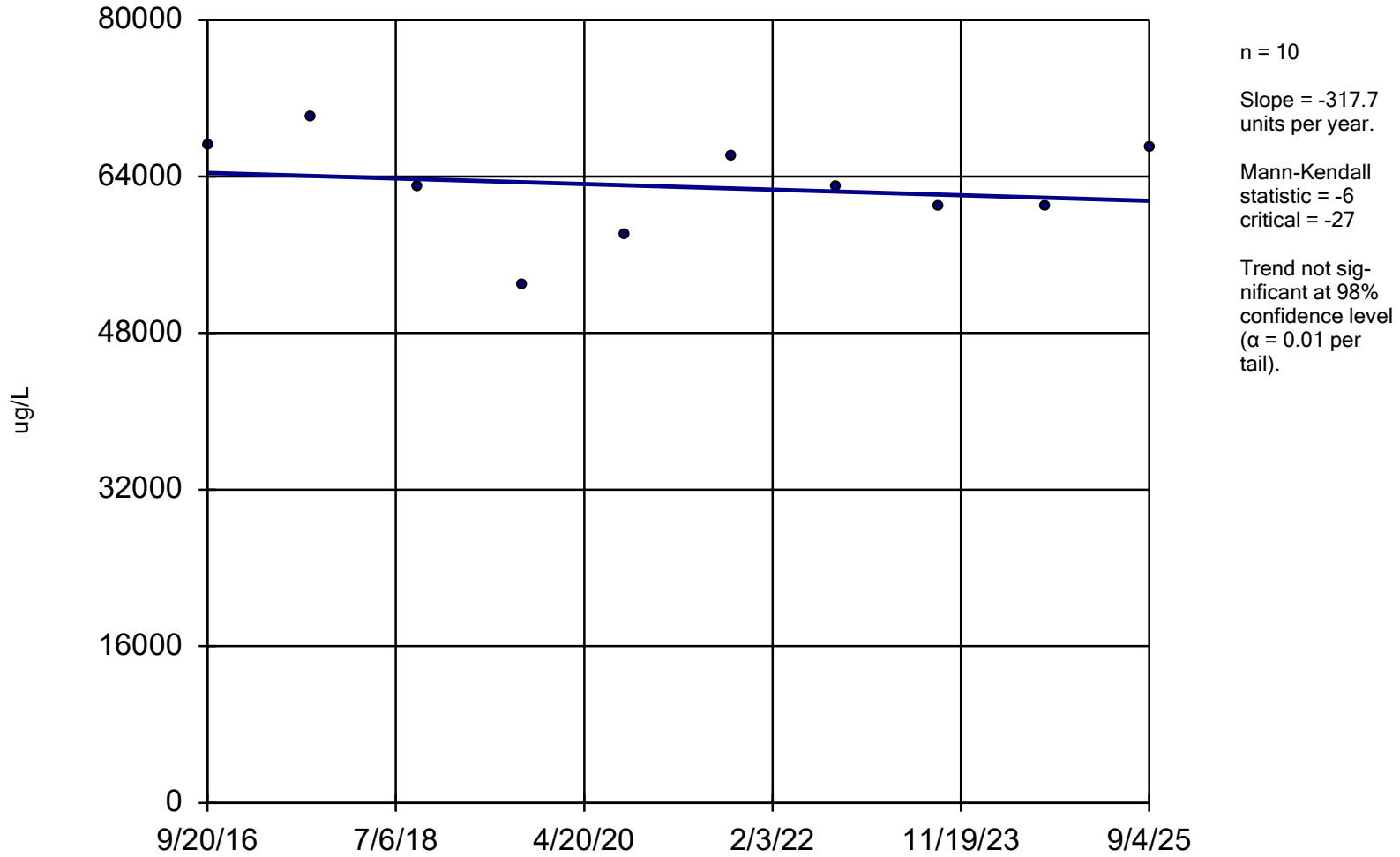
Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-14

9/21/2016	53600
9/10/2017	77400
9/20/2018	81600
9/18/2019	65000
9/11/2020	53000

Magnesium

MW-15



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

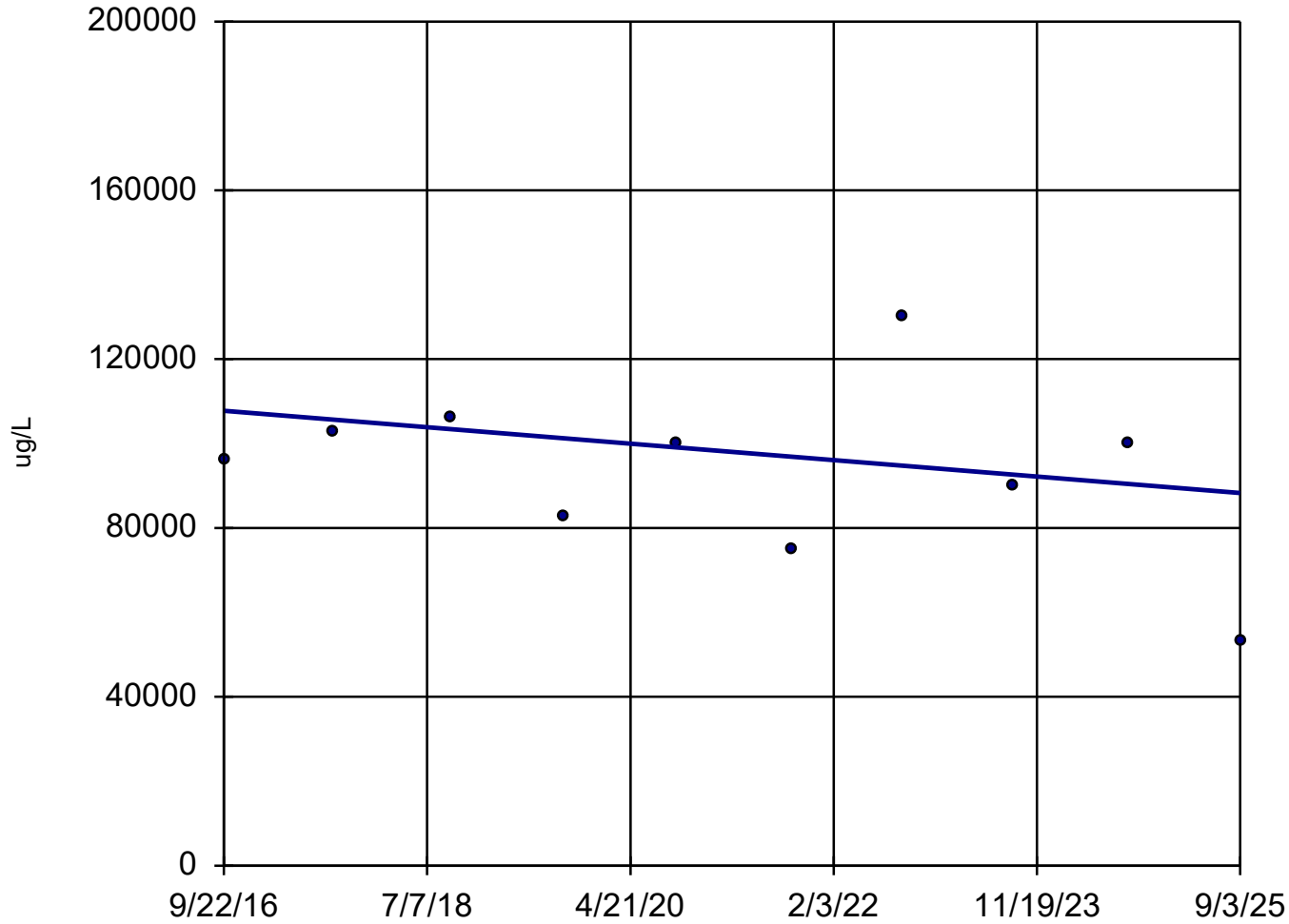
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-15
9/20/2016	67200
9/12/2017	70100
9/20/2018	62900
9/19/2019	53000
9/11/2020	58000
9/17/2021	66000
9/14/2022	63000
9/7/2023	61000
9/11/2024	61000
9/4/2025	67000

Magnesium

MW-16



n = 10
Slope = -2172 units per year.
Mann-Kendall statistic = -10
critical = -27
Trend not significant at 98% confidence level ($\alpha = 0.01$ per tail).

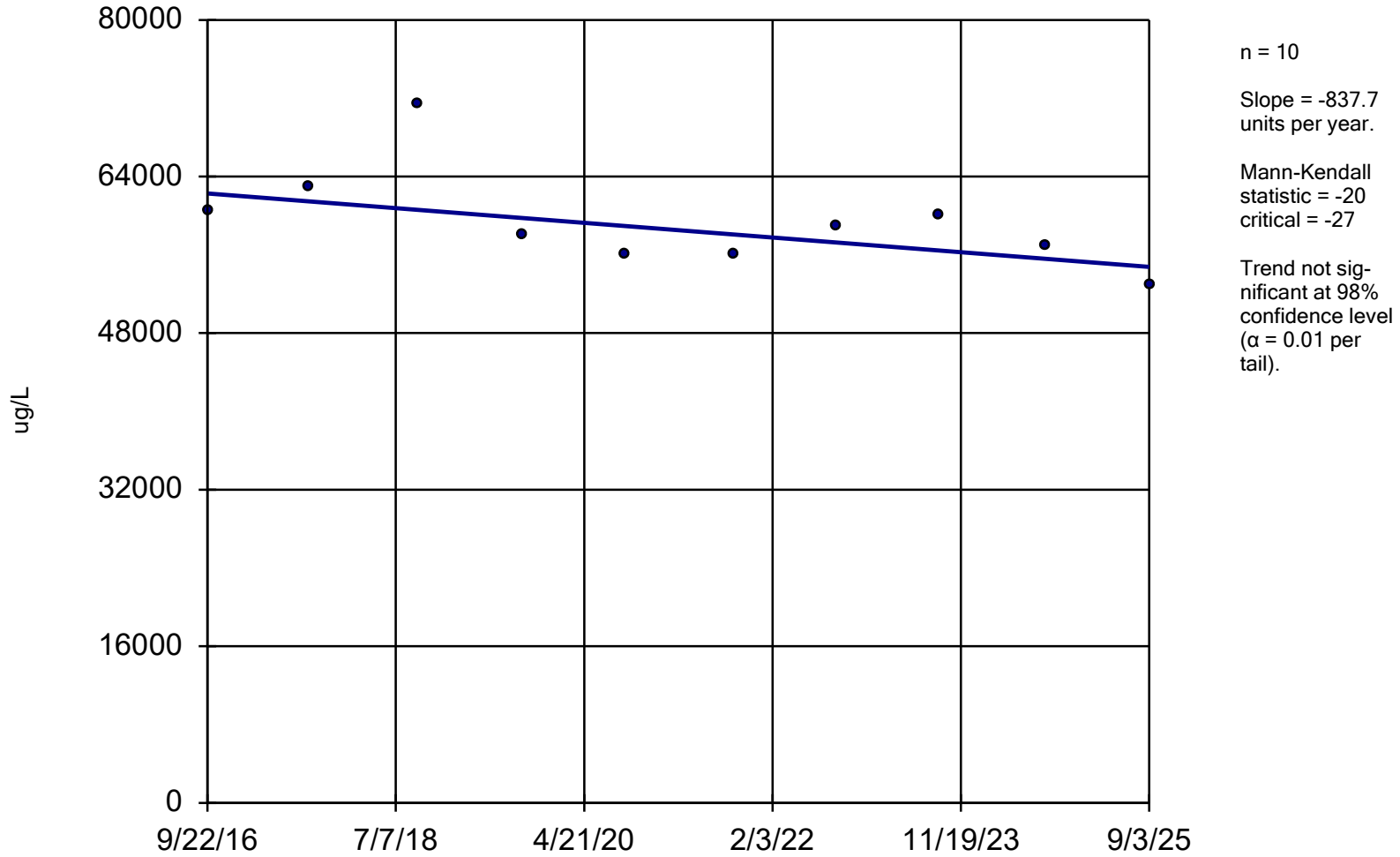
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-16
9/22/2016	96000
9/12/2017	103000
9/21/2018	106000
9/18/2019	83000
9/14/2020	100000
9/21/2021	75000
9/14/2022	130000
9/6/2023	90000
9/10/2024	100000
9/3/2025	53000

Magnesium

MW-17



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

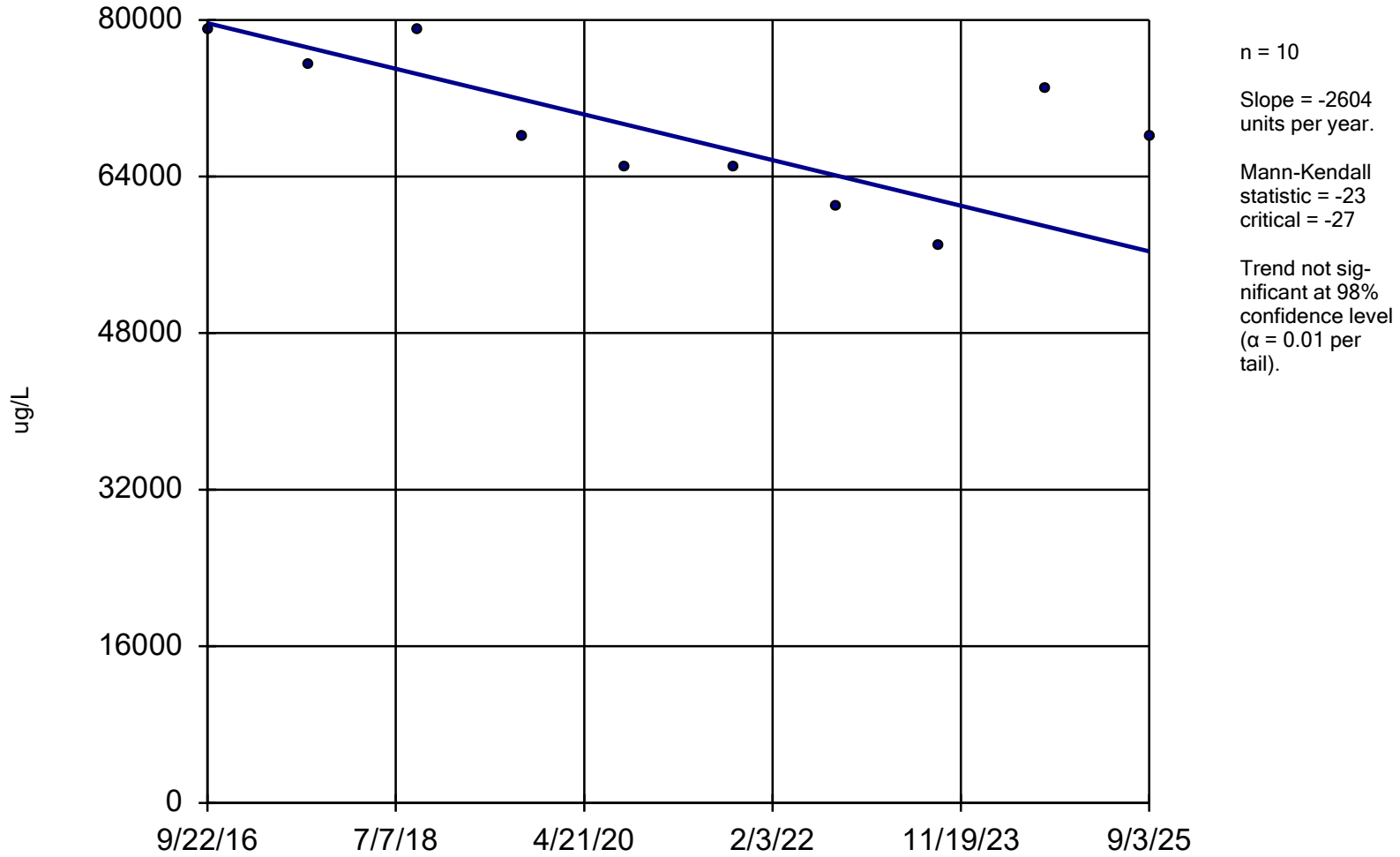
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-17
9/22/2016	60500
9/10/2017	62900
9/20/2018	71500
9/18/2019	58000
9/11/2020	56000
9/21/2021	56000
9/14/2022	59000
9/6/2023	60000
9/10/2024	57000
9/3/2025	53000

Magnesium

MW-18



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:13 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

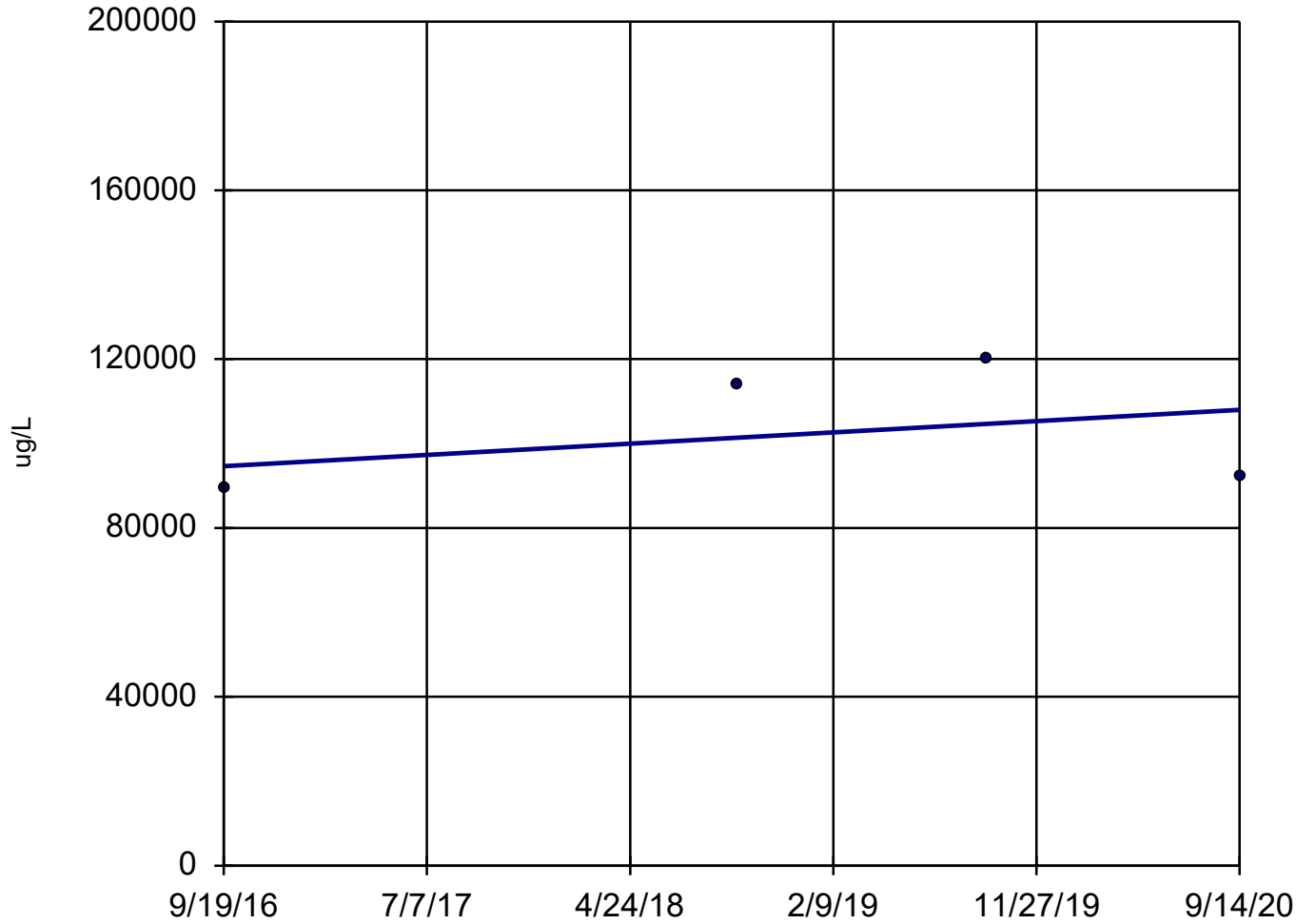
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-18
9/22/2016	79100
9/10/2017	75500
9/20/2018	78900
9/18/2019	68000
9/11/2020	65000
9/21/2021	65000
9/14/2022	61000
9/6/2023	57000
9/11/2024	73000
9/3/2025	68000

Magnesium

MW-20



n = 4
Slope = 3342 units per year.
Mann-Kendall statistic = 2
critical = 8
Trend not significant at 98% confidence level ($\alpha = 0.01$ per tail).
With n = 4, no data set will result in a significant Mann-Kendall statistic.

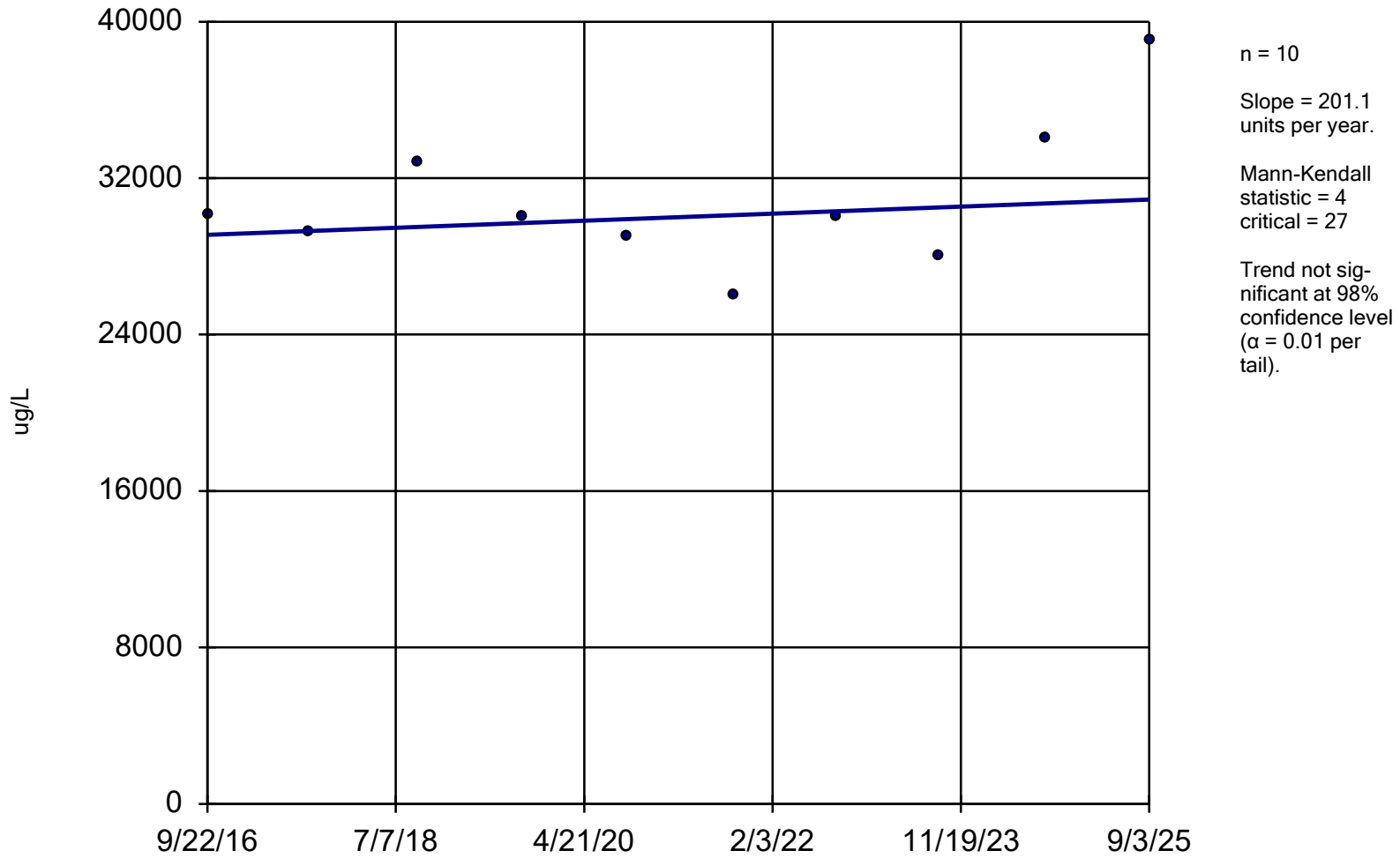
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-20
9/19/2016	89600
9/24/2018	114000
9/19/2019	120000
9/14/2020	92000

Magnesium

MW-21



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

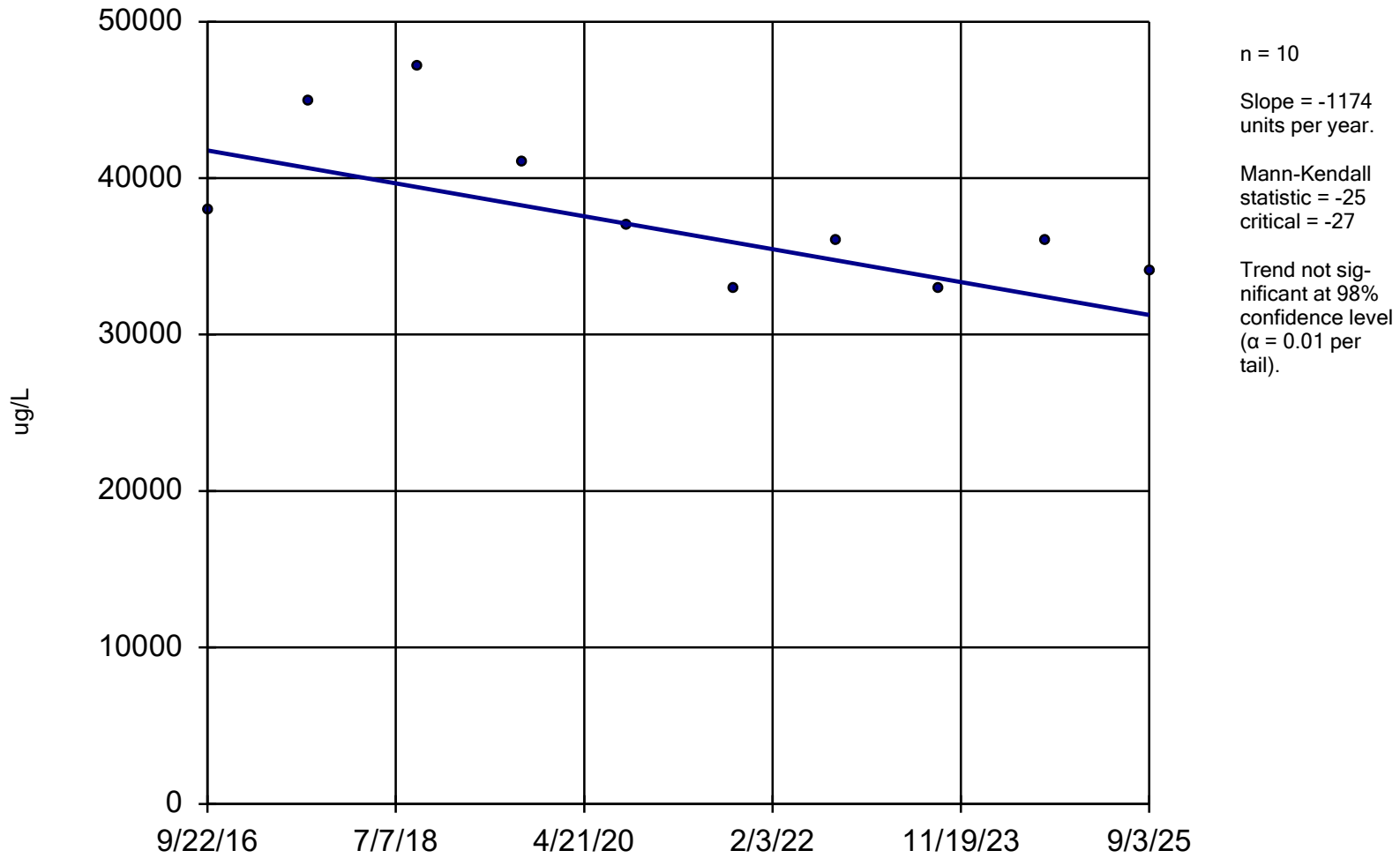
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-21
9/22/2016	30100
9/11/2017	29300
9/24/2018	32800
9/19/2019	30000
9/15/2020	29000
9/20/2021	26000
9/14/2022	30000
9/7/2023	28000
9/10/2024	34000
9/3/2025	39000

Magnesium

MW-22



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

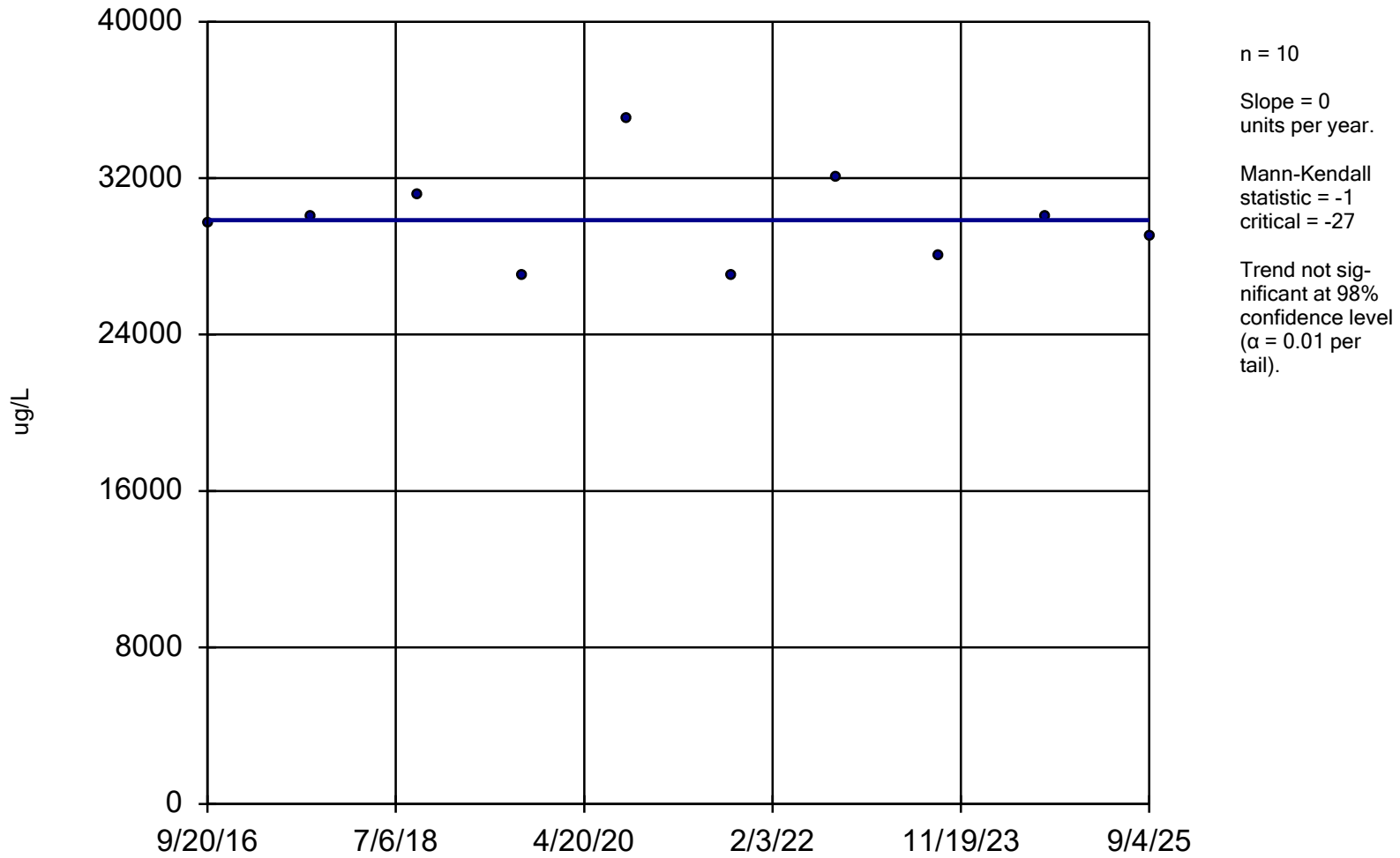
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-22
9/22/2016	38000
9/11/2017	44900
9/20/2018	47200
9/19/2019	41000
9/15/2020	37000
9/21/2021	33000
9/14/2022	36000
9/7/2023	33000
9/10/2024	36000
9/3/2025	34000

Magnesium

MW-23



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

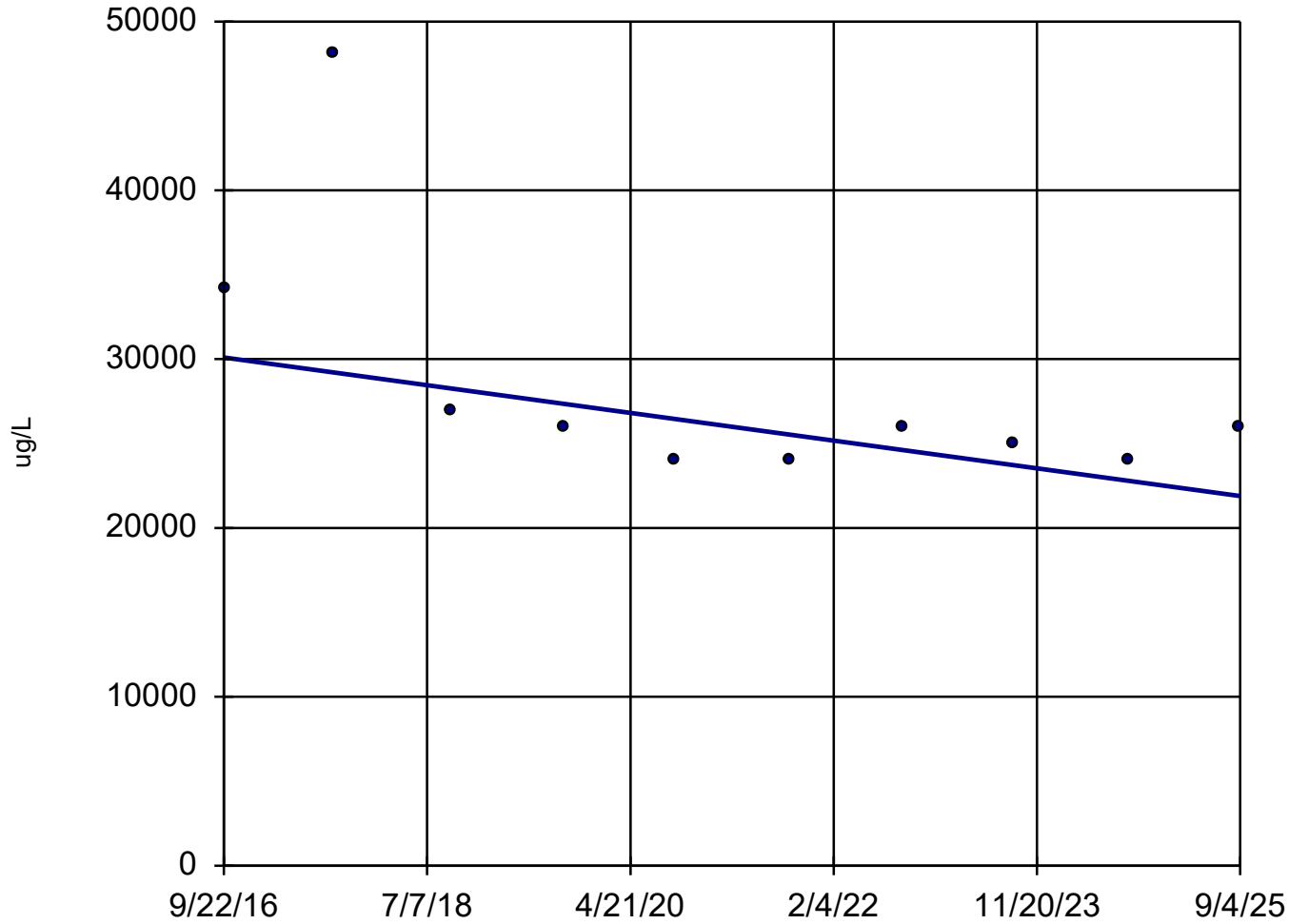
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-23
9/20/2016	29700
9/11/2017	30000
9/20/2018	31100
9/18/2019	27000
9/15/2020	35000
9/15/2021	27000
9/14/2022	32000
9/7/2023	28000
9/11/2024	30000
9/4/2025	29000

Magnesium

MW-24



n = 10
Slope = -915.6
units per year.
Mann-Kendall
statistic = -21
critical = -27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

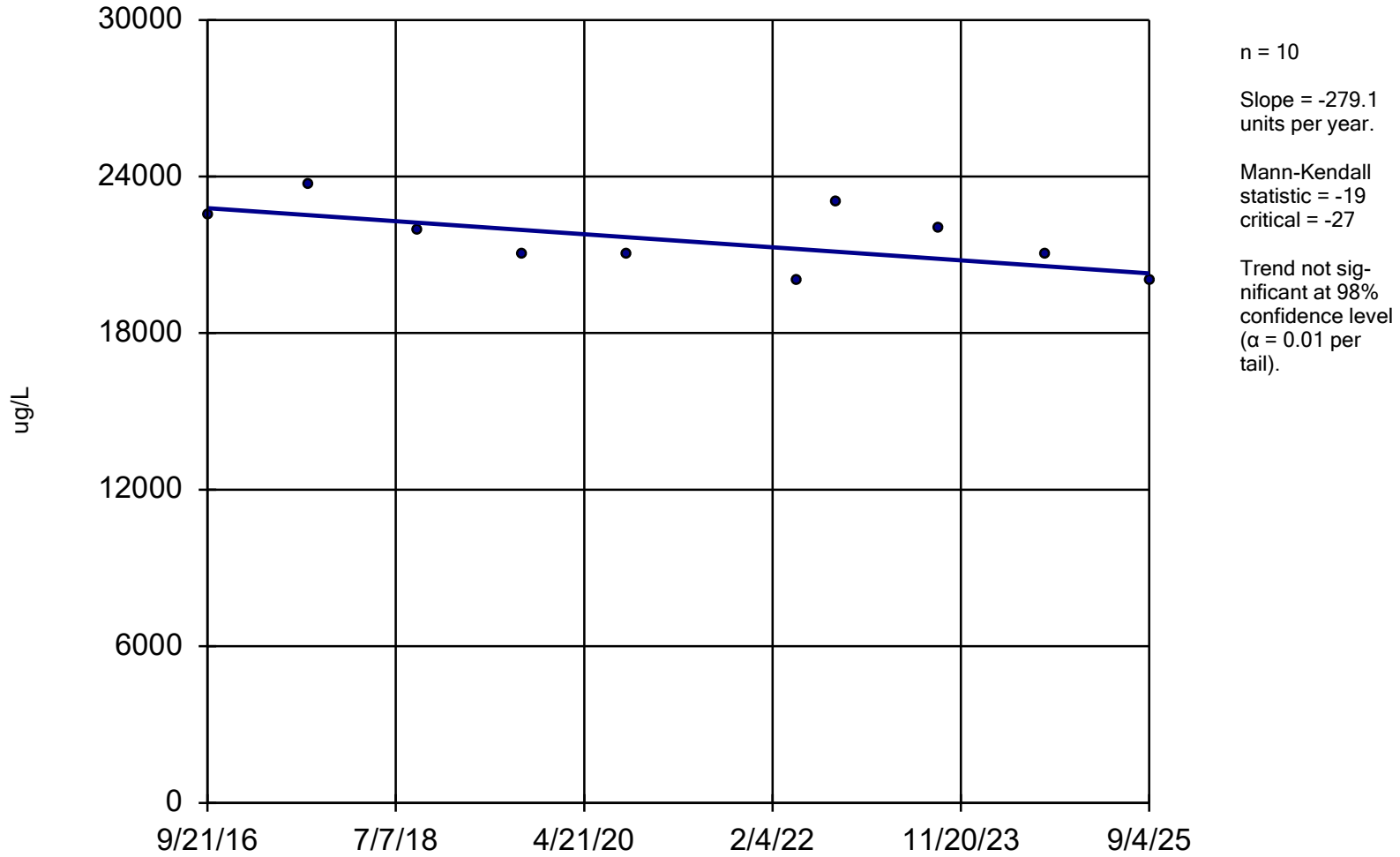
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-24
9/22/2016	34200
9/11/2017	48100
9/24/2018	26900
9/19/2019	26000
9/10/2020	24000
9/16/2021	24000
9/13/2022	26000
9/6/2023	25000
9/10/2024	24000
9/4/2025	26000

Magnesium

MW-25



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

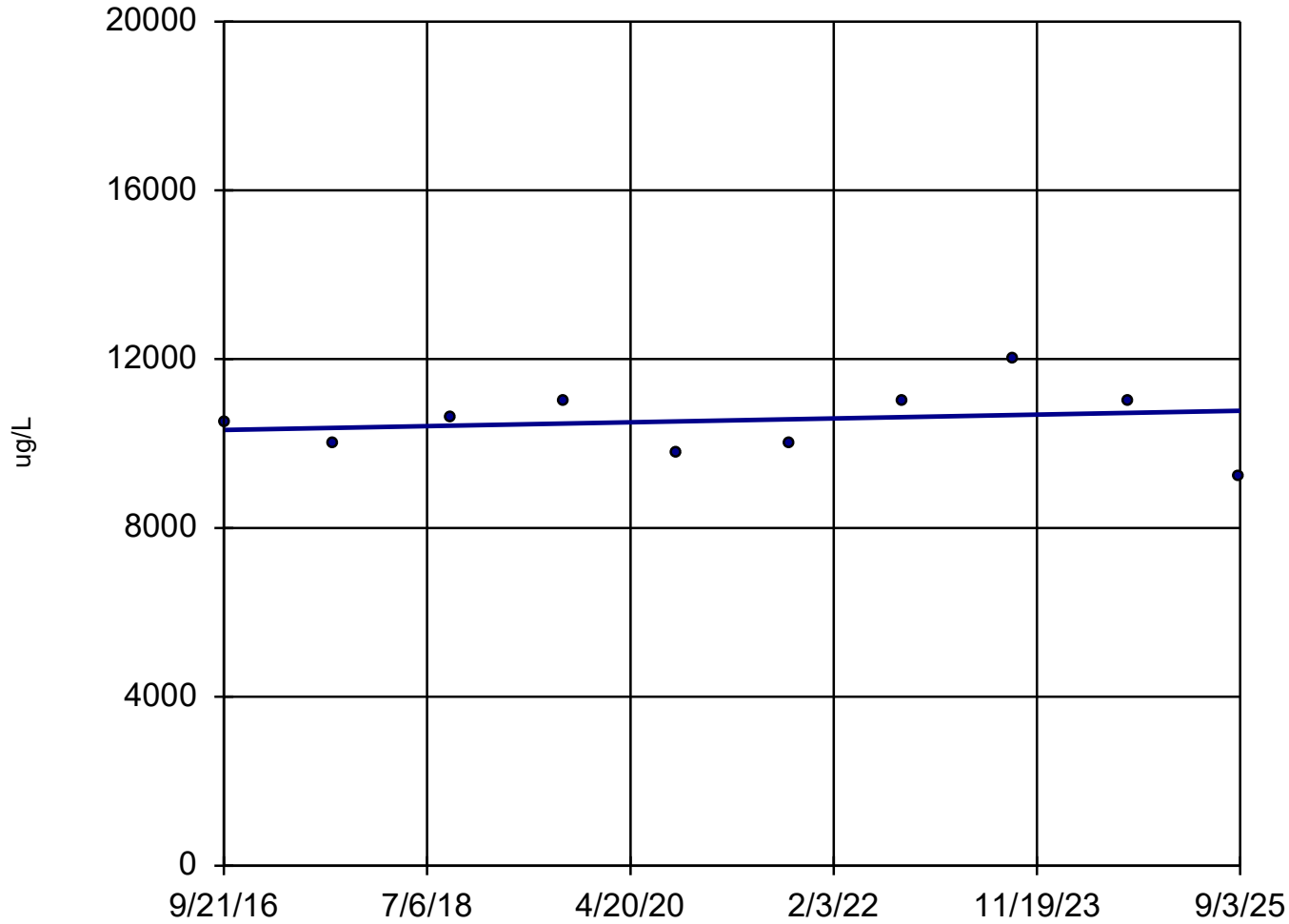
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-25
9/21/2016	22500
9/8/2017	23700
9/20/2018	21900
9/18/2019	21000
9/14/2020	21000
4/29/2022	20000
9/15/2022	23000
9/7/2023	22000
9/11/2024	21000
9/4/2025	20000

Magnesium

MW-26



n = 10
Slope = 50
units per year.
Mann-Kendall
statistic = 5
critical = 27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

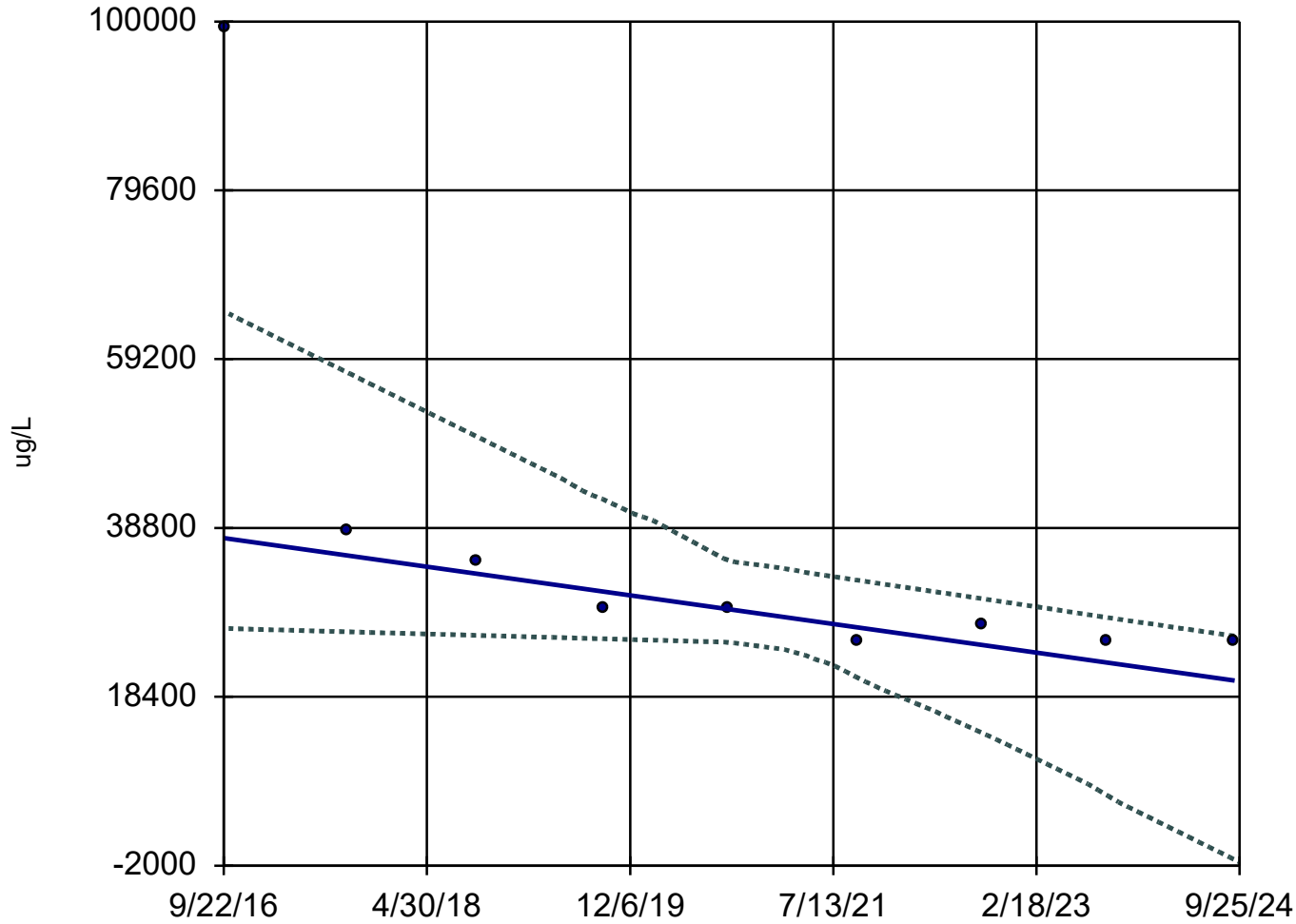
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-26
9/21/2016	10500
9/11/2017	10000
9/21/2018	10600
9/19/2019	11000
9/14/2020	9800
9/16/2021	10000
9/14/2022	11000
9/7/2023	12000
9/10/2024	11000
9/3/2025	9200

Magnesium

MW-27



n = 9
Slope = -2158
units per year.
Mann-Kendall
statistic = -30
critical = -23
Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

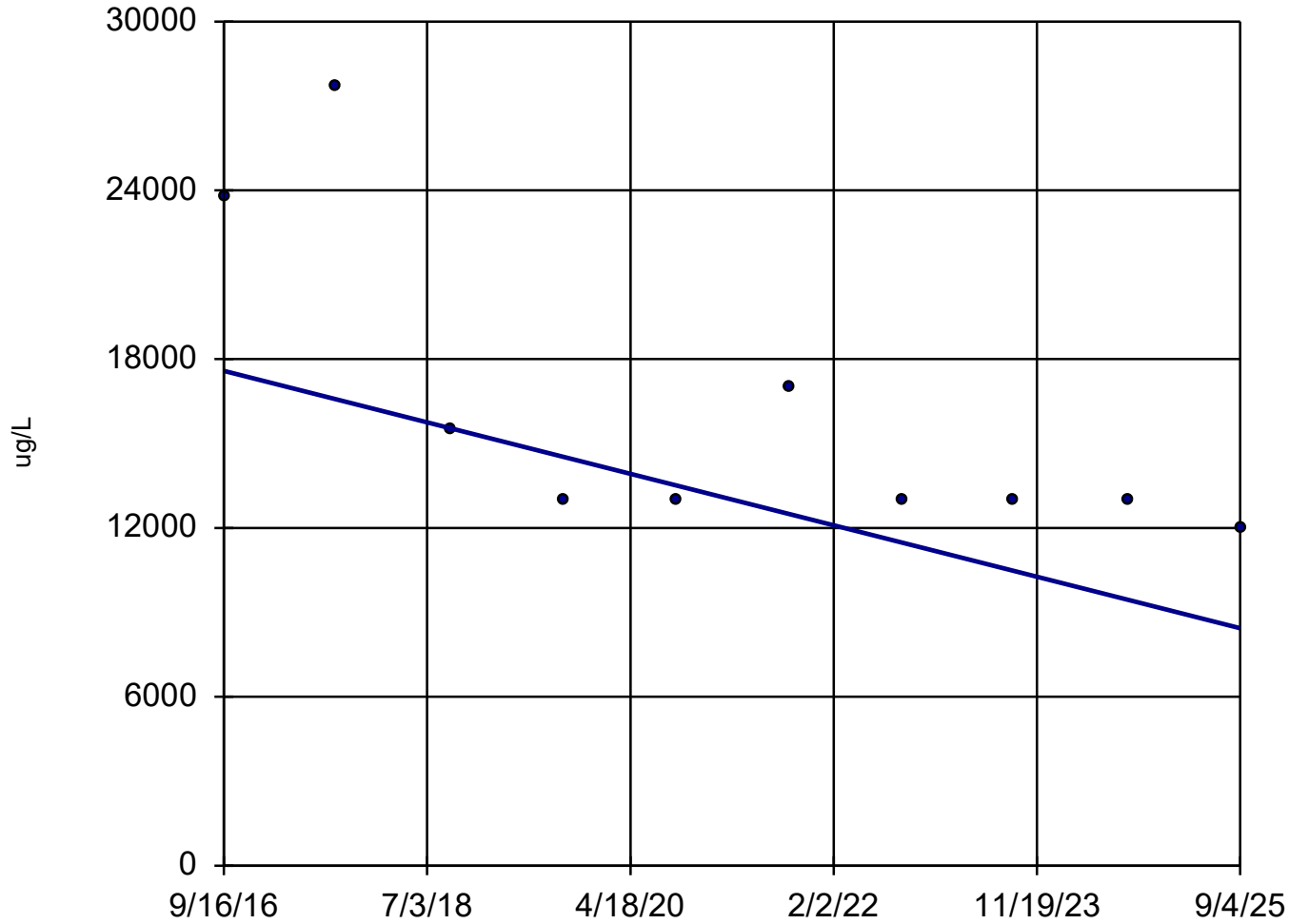
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-27	LCL	UCL
9/22/2016	99400	26664	64976
9/11/2017	38600	26258	57624
9/21/2018	34800	25829	49836
9/19/2019	29000	25413	42278
9/14/2020	29000	25000	34800
9/20/2021	25000	20725	32492
9/14/2022	27000	14052	30258
9/6/2023	25000	6593	28004
9/11/2024	25000	-1280	25729

Magnesium

MW-2A (bg)



n = 10
Slope = -1020
units per year.
Mann-Kendall
statistic = -27
critical = -27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope Estimator

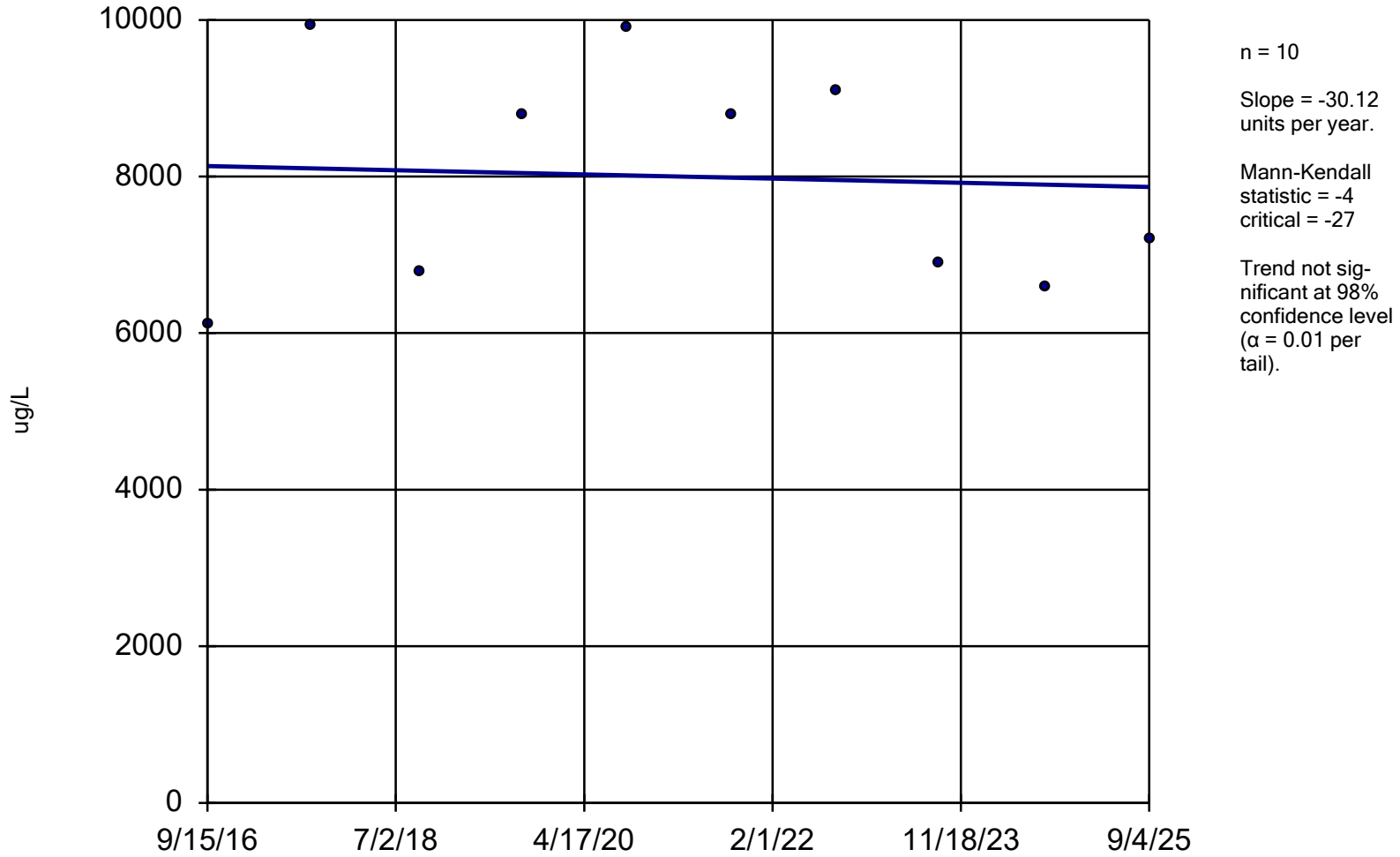
Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-2A (bg)

9/16/2016	23800
9/8/2017	27700
9/20/2018	15500
9/19/2019	13000
9/14/2020	13000
9/15/2021	17000
9/14/2022	13000
9/7/2023	13000
9/11/2024	13000
9/4/2025	12000

Magnesium

MW-3



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

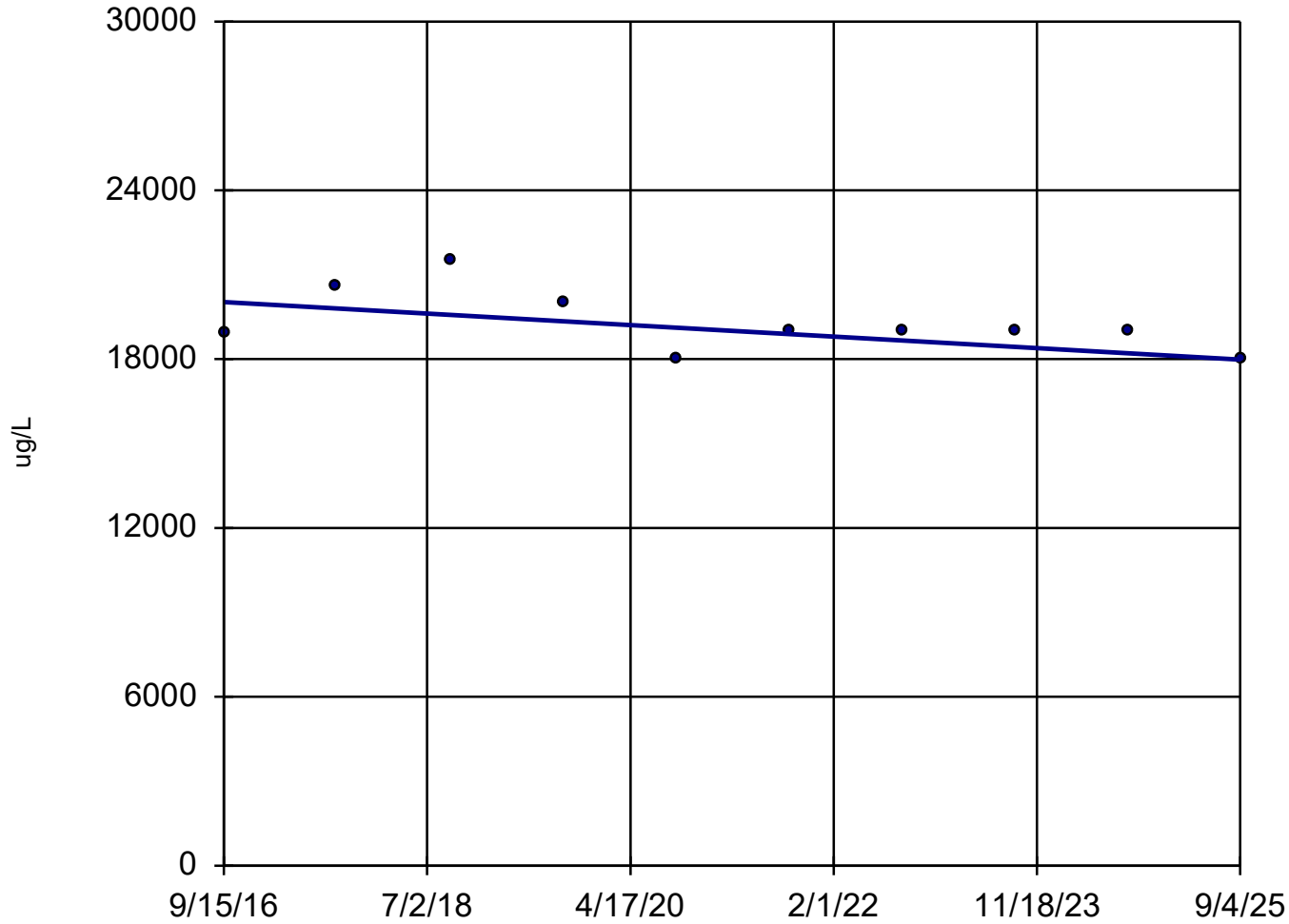
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-3
9/15/2016	6120
9/8/2017	9920
9/21/2018	6780
9/19/2019	8800
9/11/2020	9900
9/15/2021	8800
9/13/2022	9100
9/6/2023	6900
9/10/2024	6600
9/4/2025	7200

Magnesium

MW-8 (bg)



n = 10

Slope = -228.2
units per year.

Mann-Kendall
statistic = -14
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

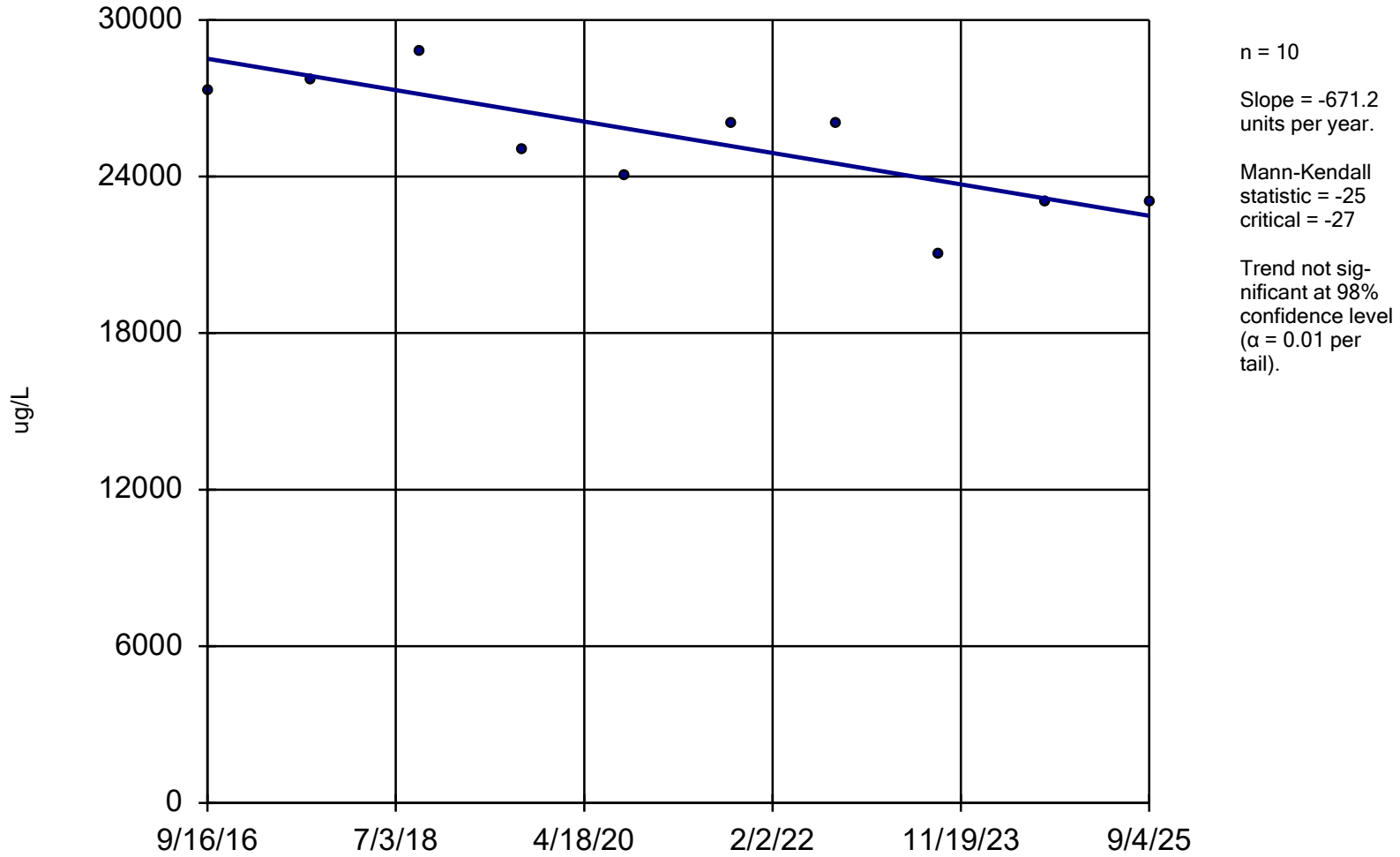
Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-8 (bg)

9/15/2016	18900
9/9/2017	20600
9/20/2018	21500
9/19/2019	20000
9/11/2020	18000
9/16/2021	19000
9/14/2022	19000
9/7/2023	19000
9/11/2024	19000
9/4/2025	18000

Magnesium

MW-9



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

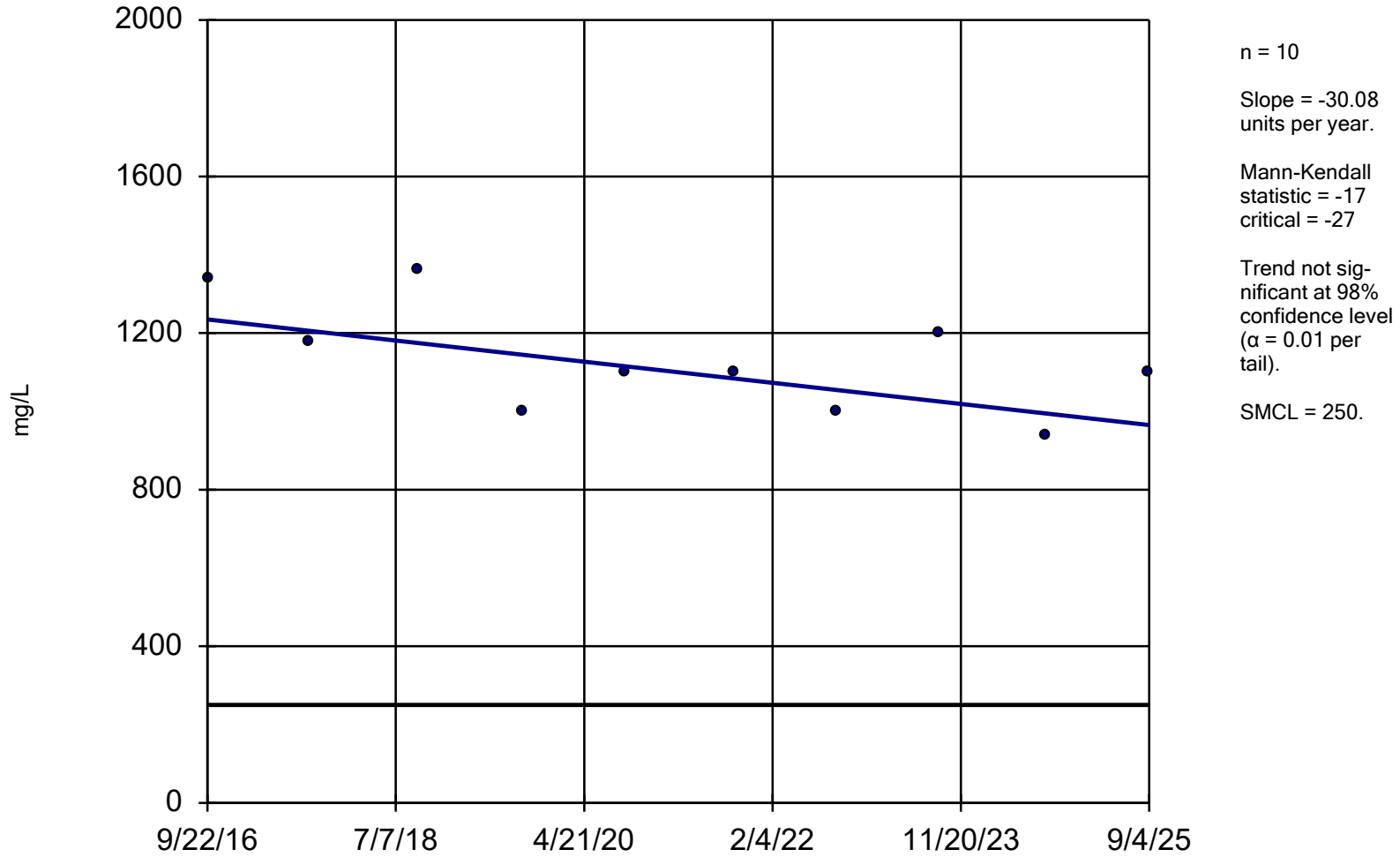
Sen's Slope Estimator

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-9
9/16/2016	27300
9/11/2017	27700
9/24/2018	28800
9/19/2019	25000
9/10/2020	24000
9/16/2021	26000
9/13/2022	26000
9/7/2023	21000
9/10/2024	23000
9/4/2025	23000

Sulfate

MW-10



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

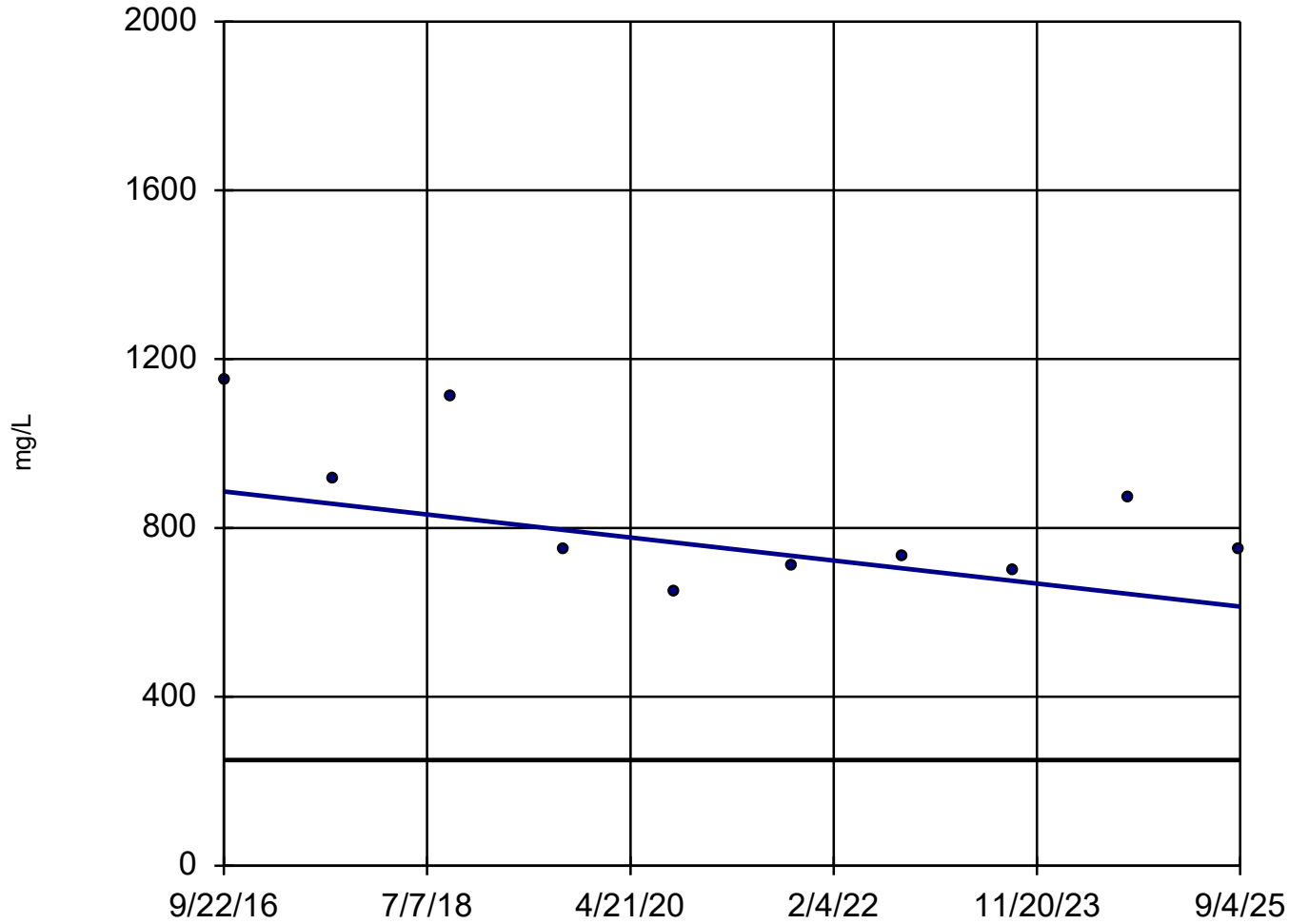
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-10

9/22/2016	1340
9/10/2017	1180
9/20/2018	1360
9/18/2019	1000
9/10/2020	1100
9/22/2021	1100
9/13/2022	1000
9/6/2023	1200
9/10/2024	940
9/4/2025	1100

Sulfate

MW-11



n = 10

Slope = -30.5
units per year.

Mann-Kendall
statistic = -16
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

SMCL = 250.

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

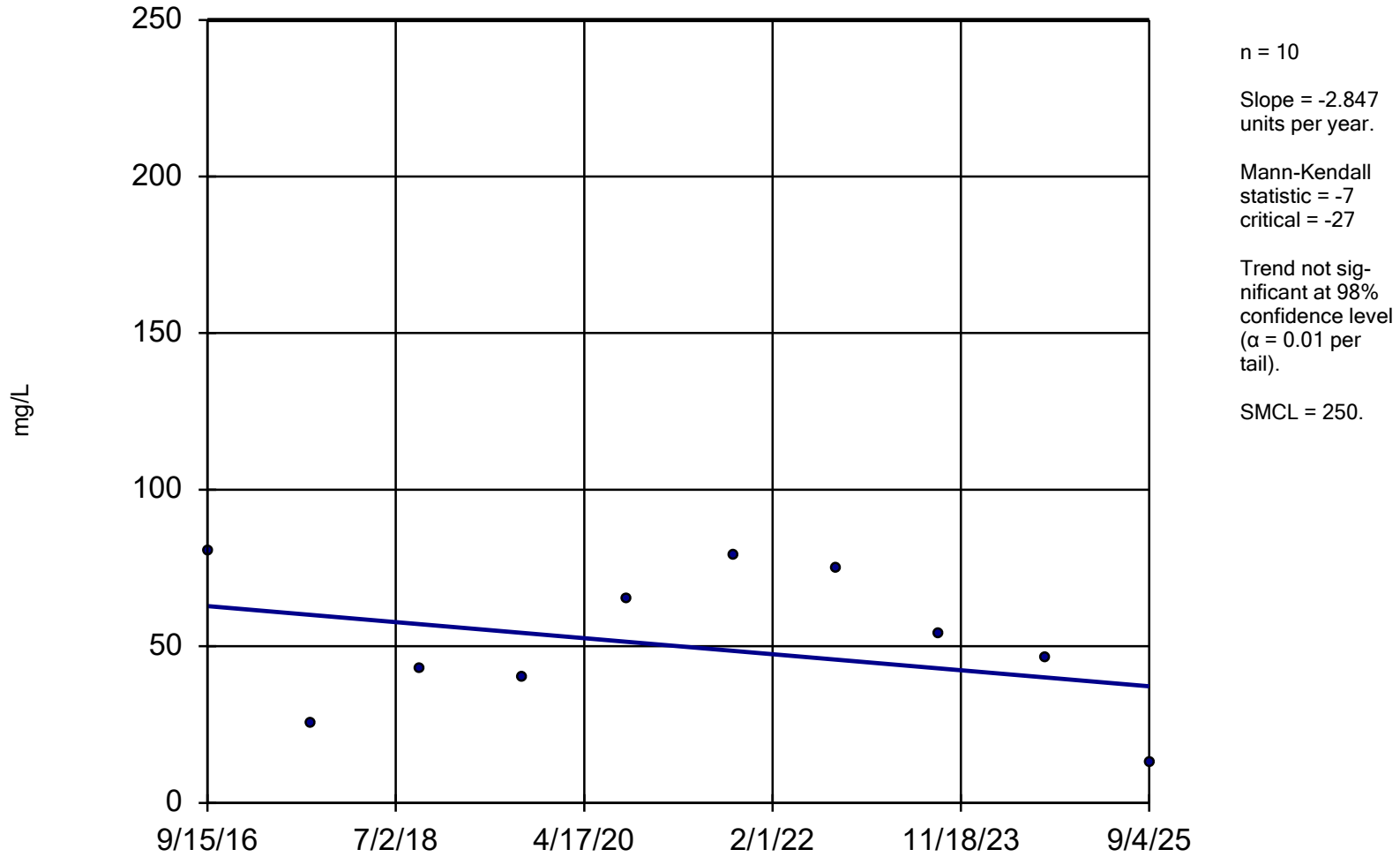
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-11

9/22/2016	1150
9/10/2017	914
9/24/2018	1110
9/18/2019	750
9/10/2020	650
9/22/2021	710
9/13/2022	730
9/7/2023	700
9/10/2024	870
9/4/2025	750

Sulfate

MW-12



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

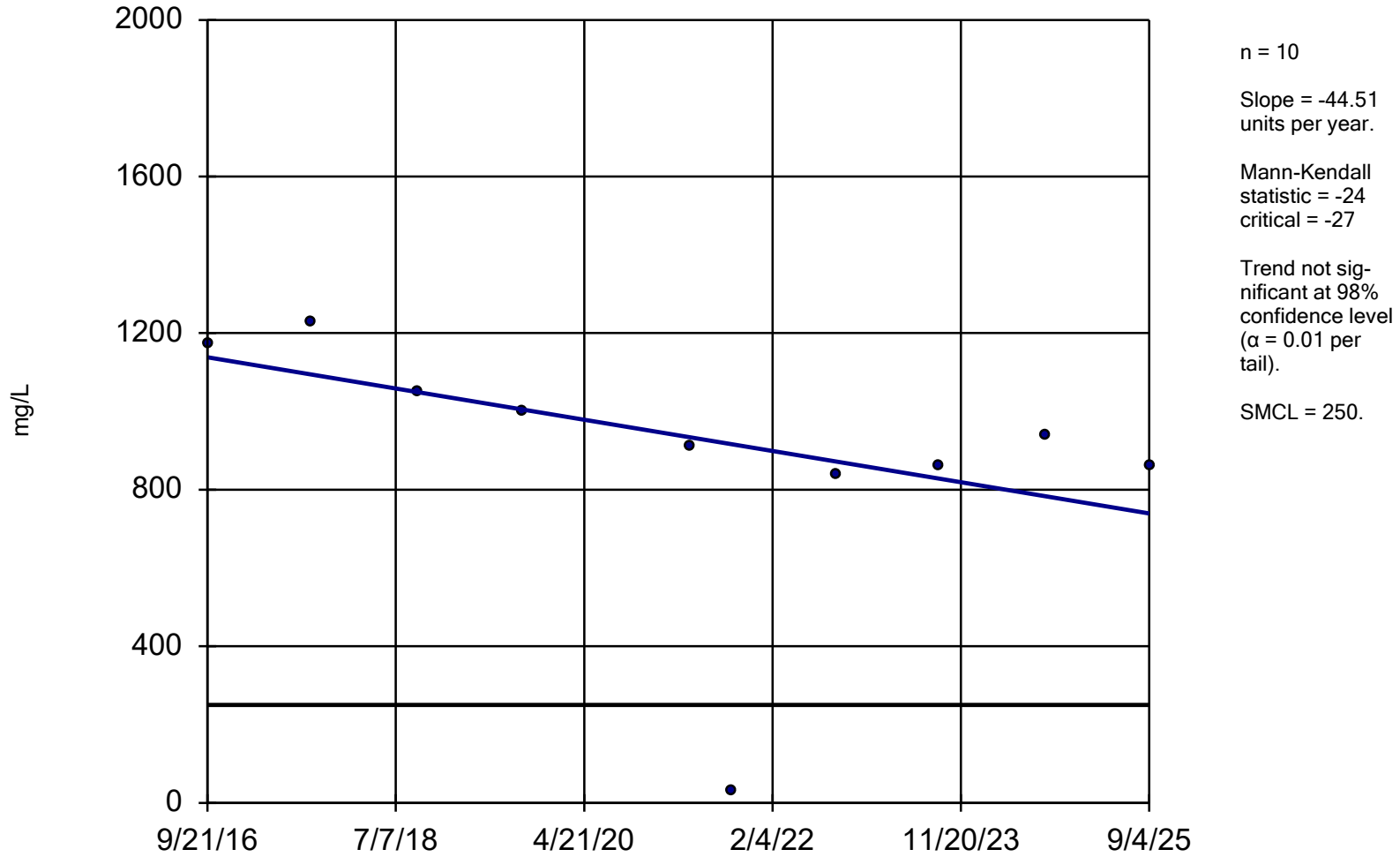
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-12

9/15/2016	80.6
9/12/2017	25.7
9/24/2018	42.8
9/18/2019	40
9/10/2020	65
9/22/2021	79
9/13/2022	75
9/6/2023	54
9/10/2024	46
9/4/2025	13

Sulfate

MW-13



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

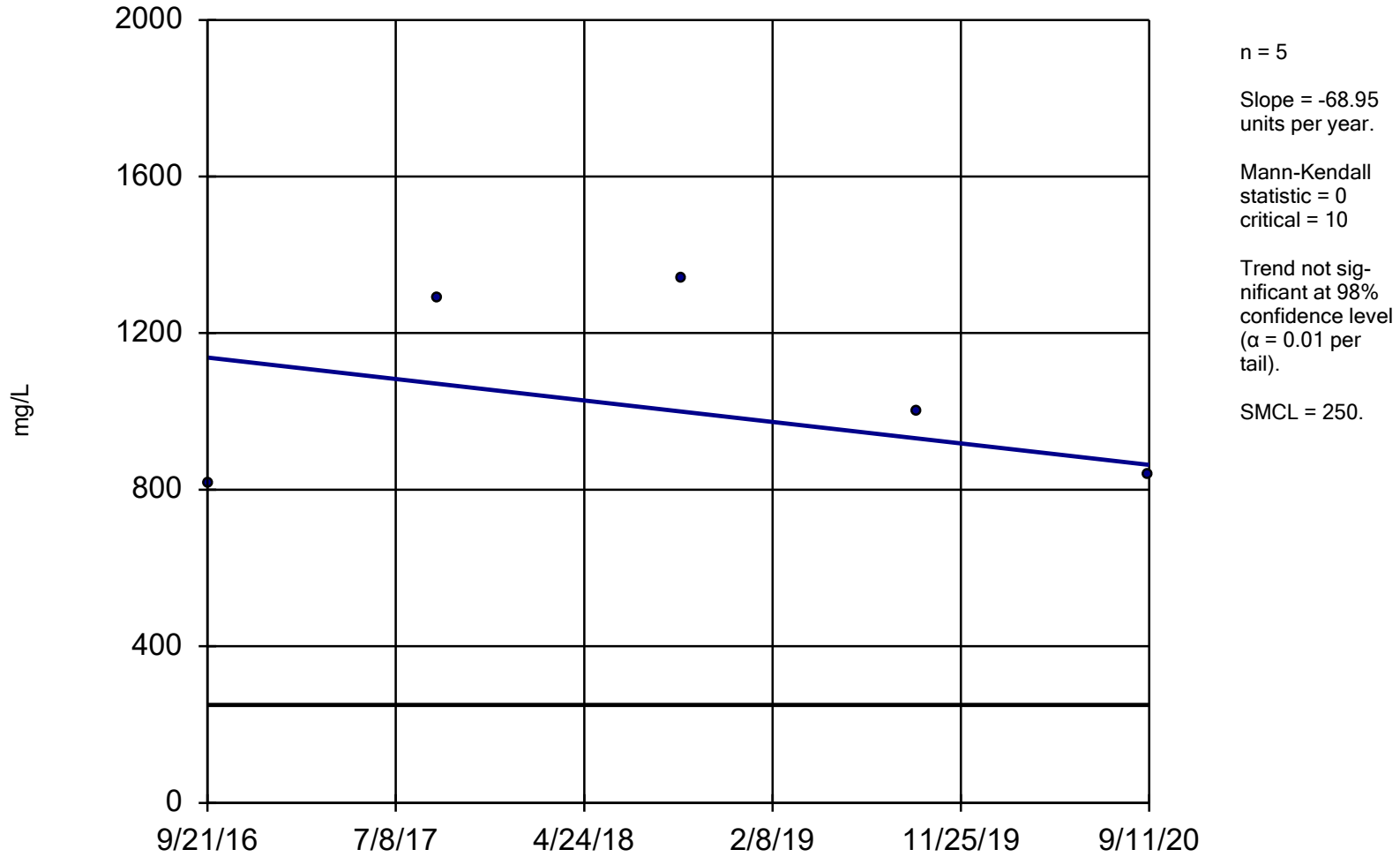
Sen's Slope Estimator

Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-13
9/21/2016	1170
9/12/2017	1230
9/20/2018	1050
9/18/2019	1000
4/28/2021	910
9/16/2021	31
9/12/2022	840
9/7/2023	860
9/11/2024	940
9/4/2025	860

Sulfate

MW-14



Sen's Slope Estimator Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

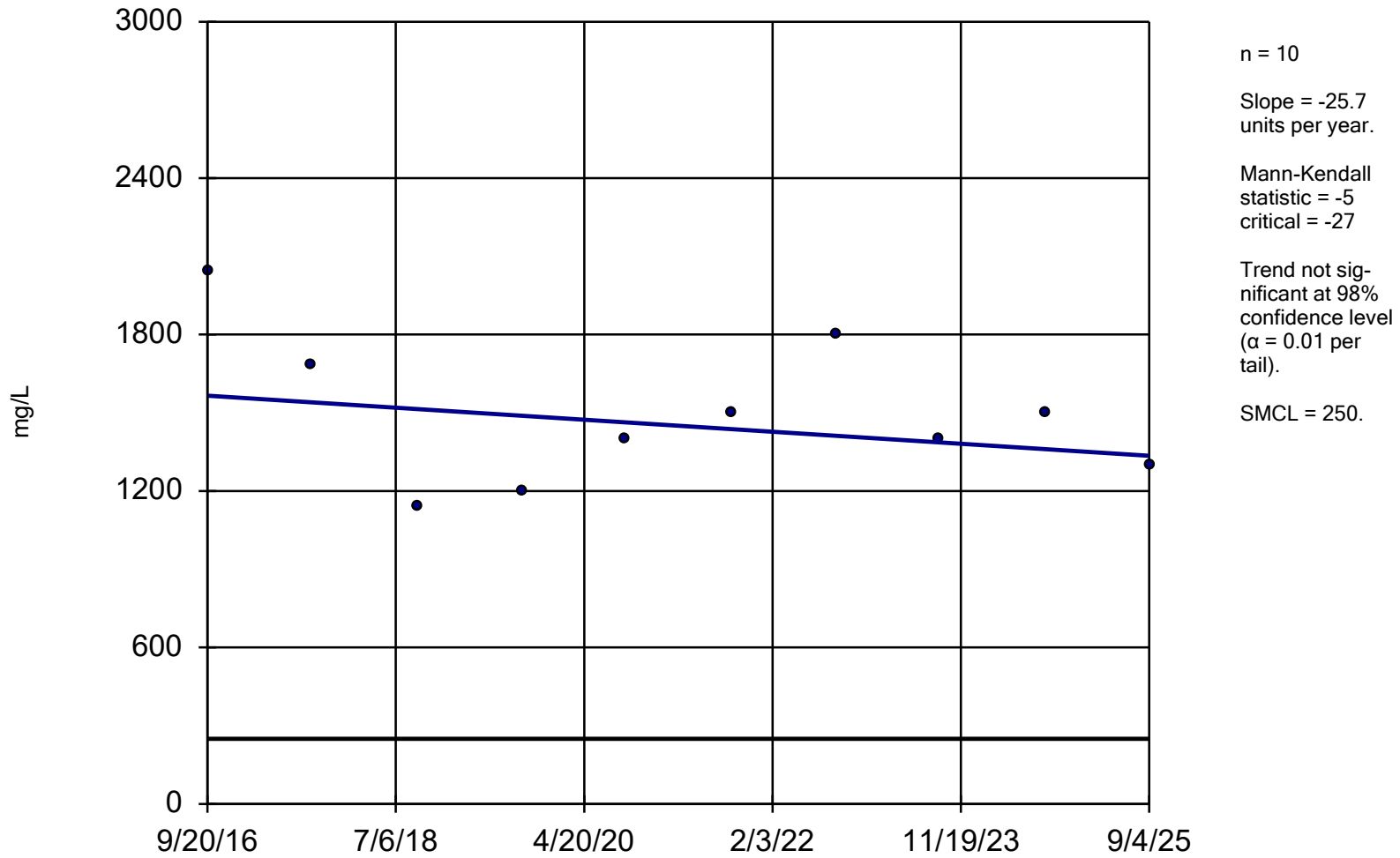
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-14

9/21/2016	818
9/10/2017	1290
9/20/2018	1340
9/18/2019	1000
9/11/2020	840

Sulfate

MW-15



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

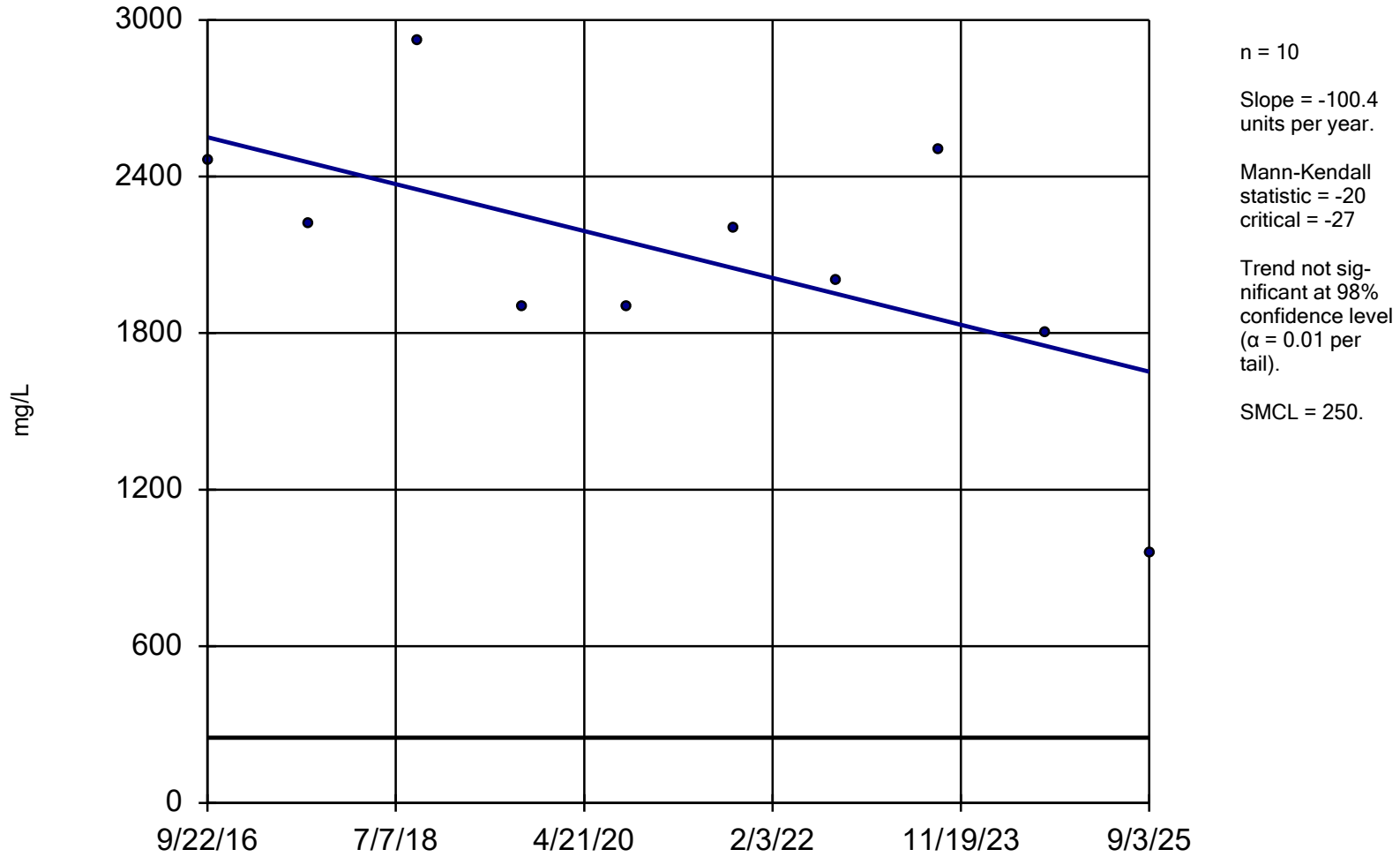
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-15

9/20/2016	2040
9/12/2017	1680
9/20/2018	1140
9/19/2019	1200
9/11/2020	1400
9/17/2021	1500
9/14/2022	1800
9/7/2023	1400
9/11/2024	1500
9/4/2025	1300

Sulfate

MW-16



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

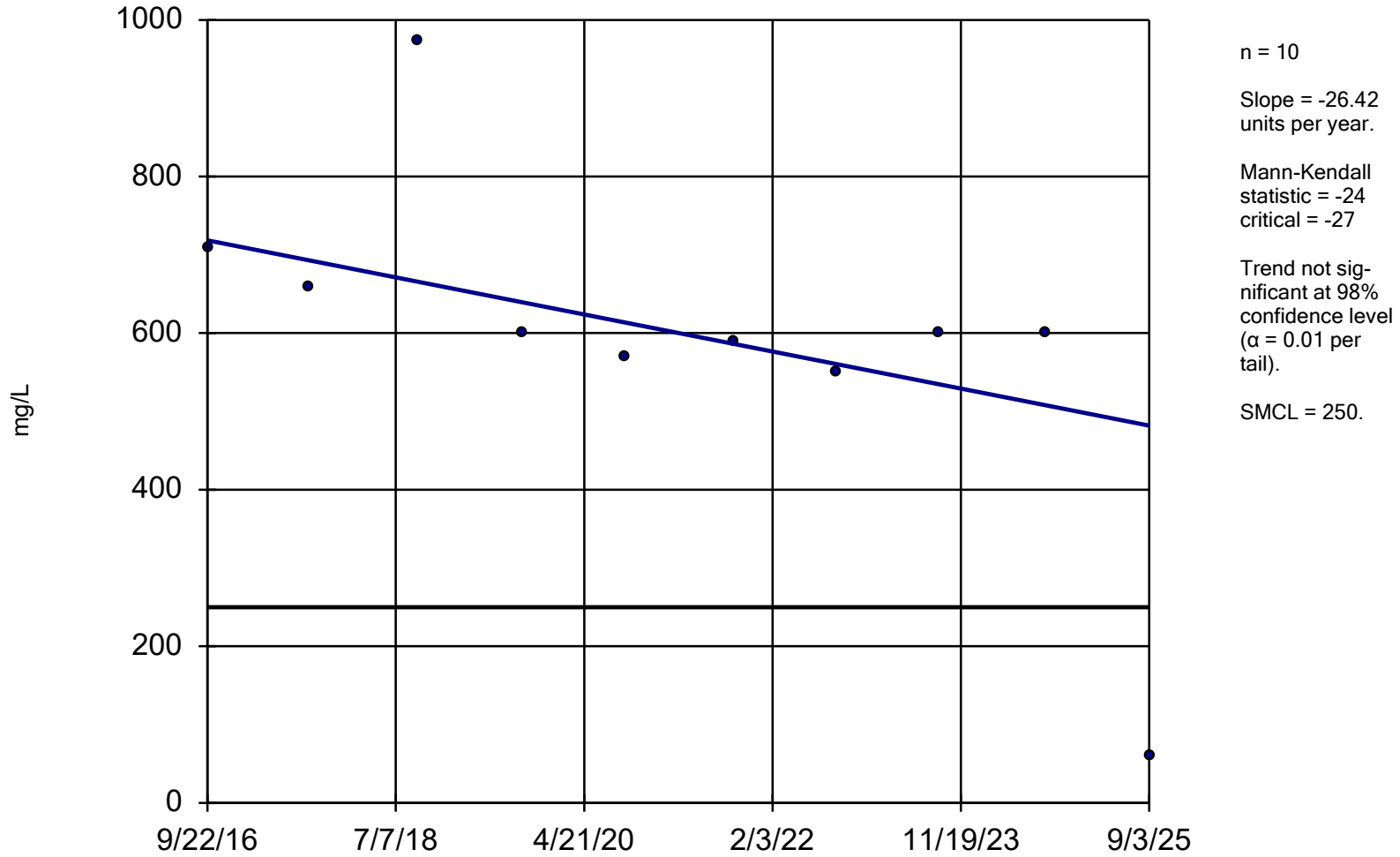
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-16

9/22/2016	2460
9/12/2017	2220
9/21/2018	2920
9/18/2019	1900
9/14/2020	1900
9/21/2021	2200
9/14/2022	2000
9/6/2023	2500
9/10/2024	1800
9/3/2025	960

Sulfate

MW-17



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

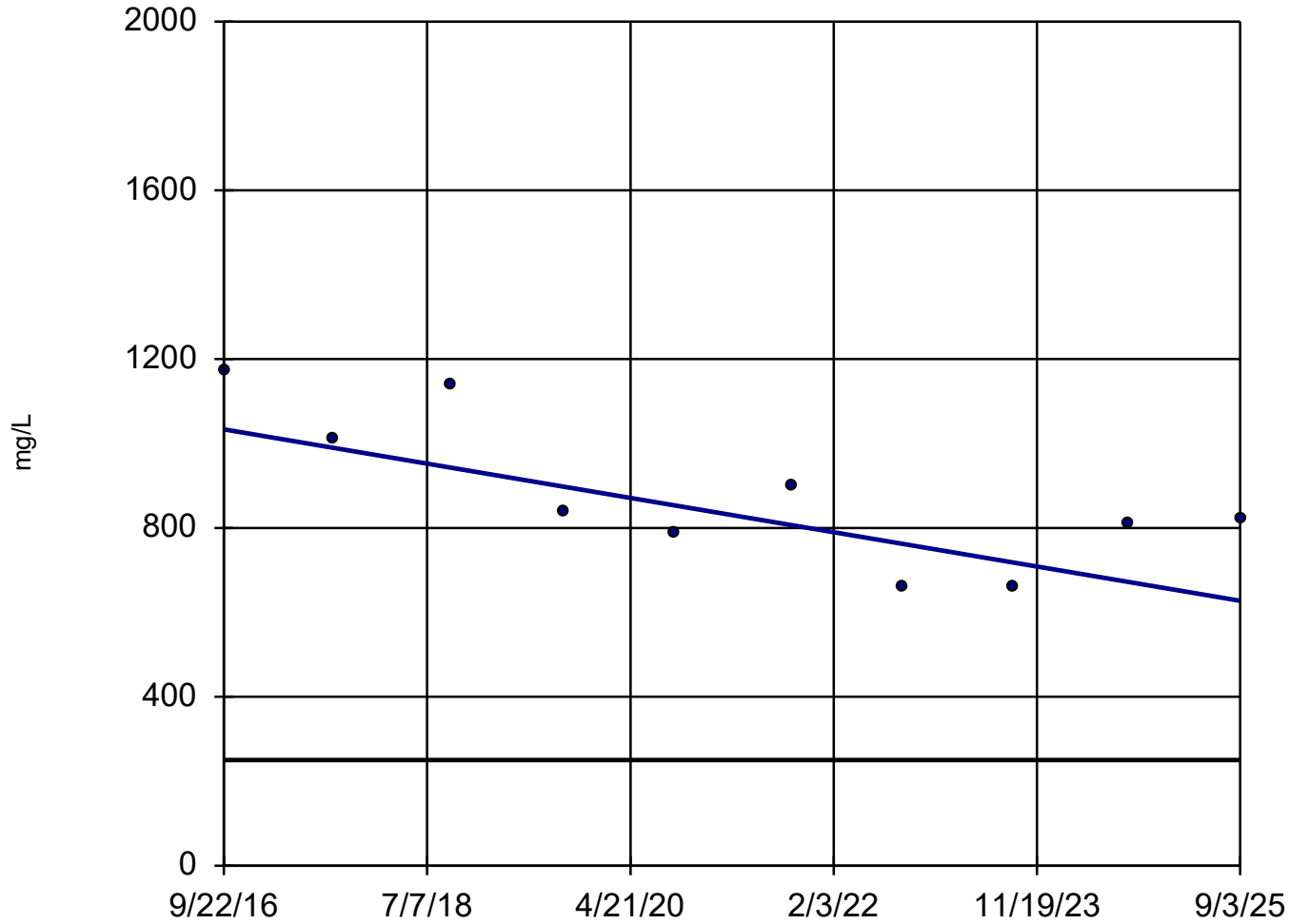
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-17

9/22/2016	708
9/10/2017	658
9/20/2018	973
9/18/2019	600
9/11/2020	570
9/21/2021	590
9/14/2022	550
9/6/2023	600
9/10/2024	600
9/3/2025	61

Sulfate

MW-18



n = 10
Slope = -45.34
units per year.
Mann-Kendall
statistic = -24
critical = -27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).
SMCL = 250.

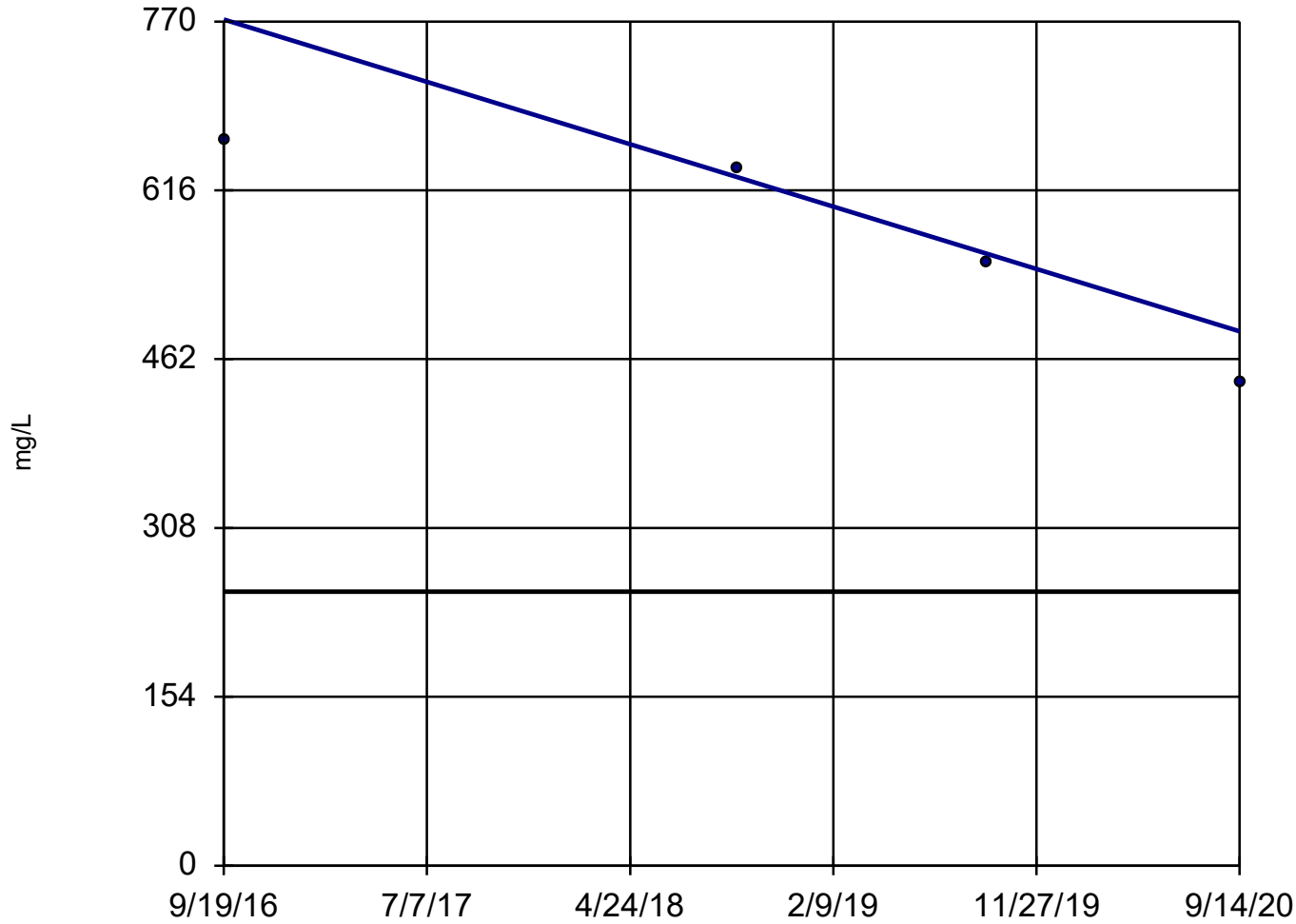
Sen's Slope Estimator

Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-18

9/22/2016	1170
9/10/2017	1010
9/20/2018	1140
9/18/2019	840
9/11/2020	790
9/21/2021	900
9/14/2022	660
9/6/2023	660
9/11/2024	810
9/3/2025	820

Sulfate MW-20



n = 4
Slope = -71.3 units per year.
Mann-Kendall statistic = -6
critical = -8
Trend not significant at 98% confidence level ($\alpha = 0.01$ per tail).
With n = 4, no data set will result in a significant Mann-Kendall statistic.
SMCL = 250.

Sen's Slope Estimator

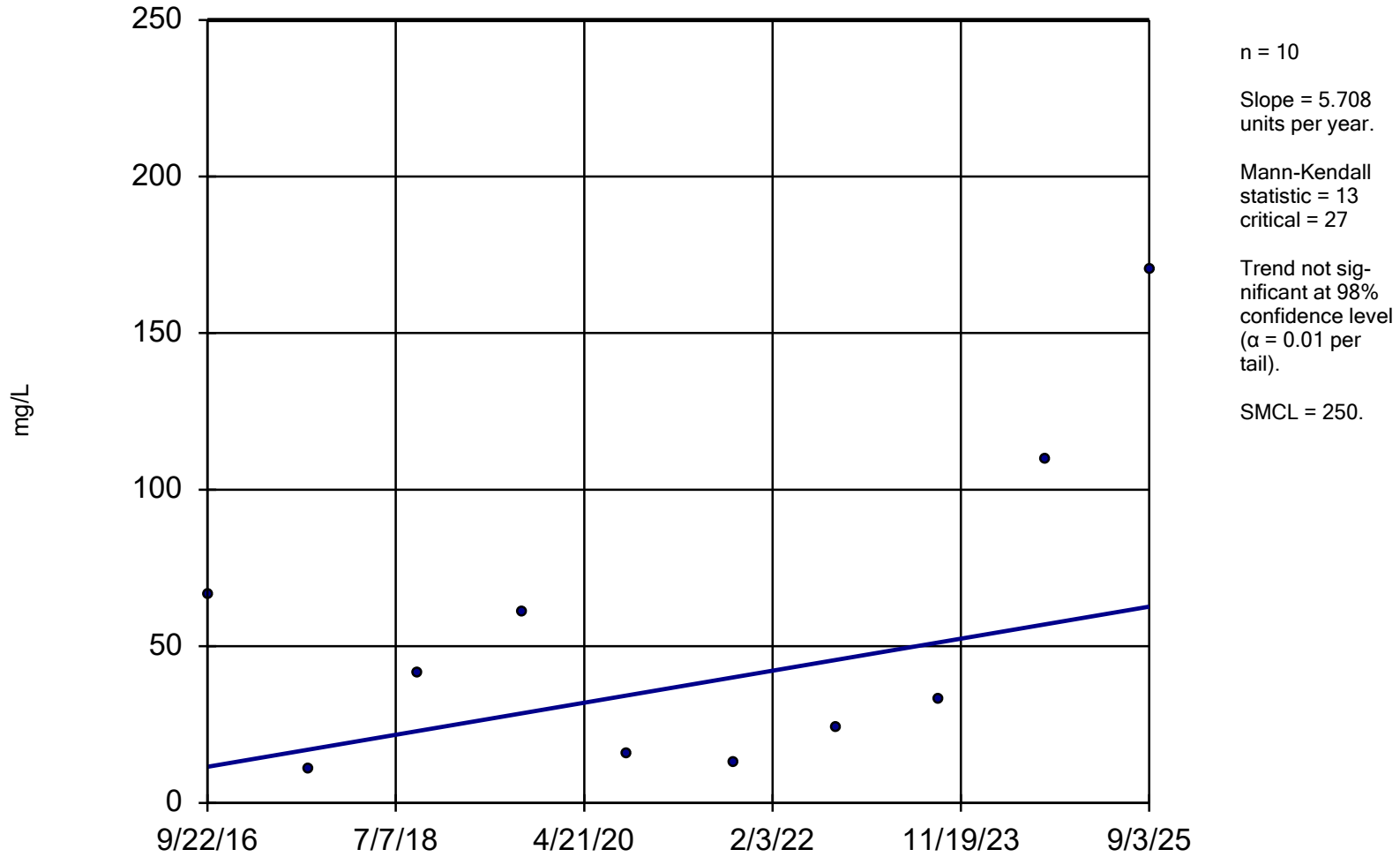
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:17 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-20

9/19/2016	661
9/24/2018	636
9/19/2019	550
9/14/2020	440

Sulfate

MW-21



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

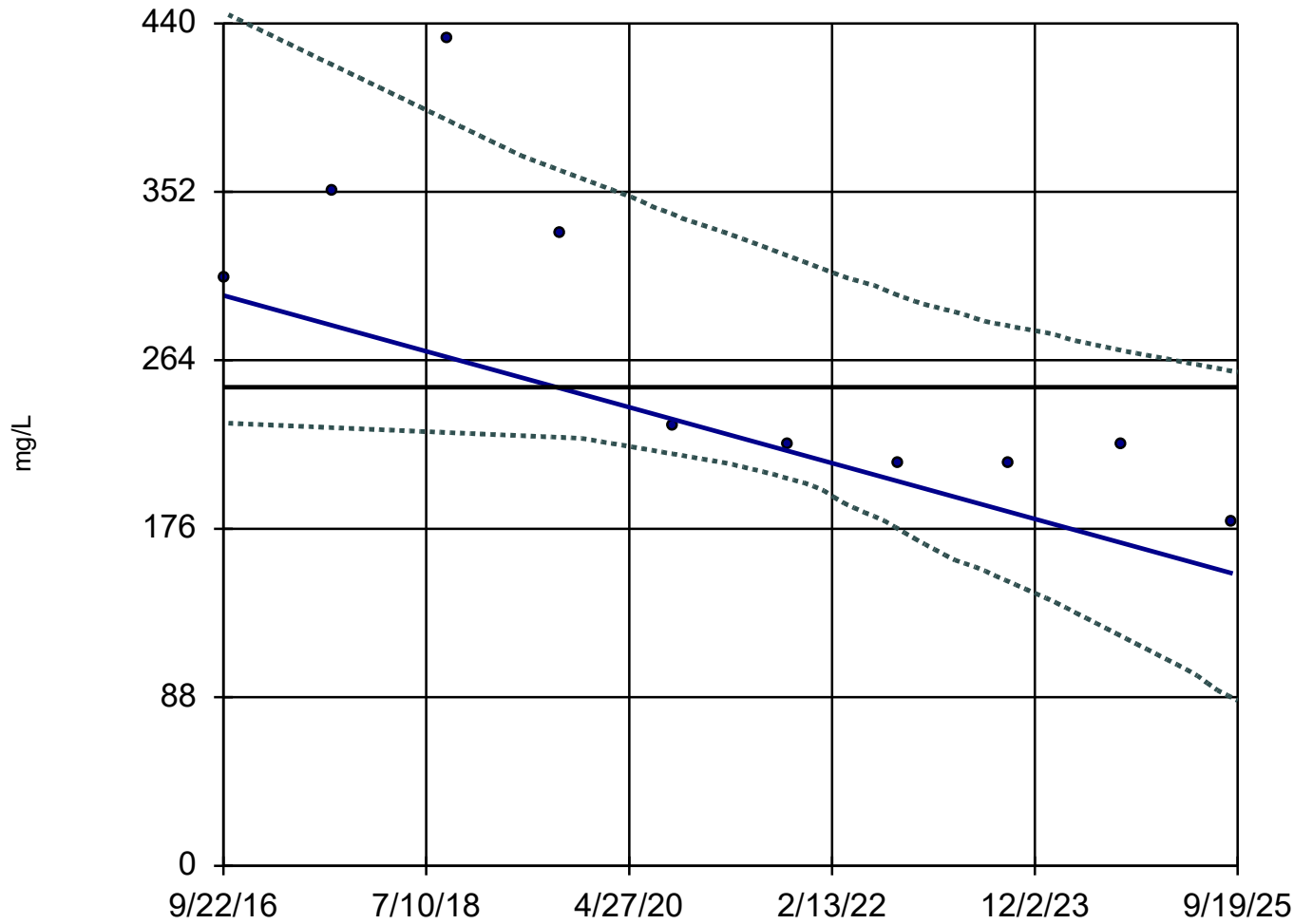
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-21

9/22/2016	66.7
9/11/2017	10.7
9/24/2018	41.3
9/19/2019	61
9/15/2020	16
9/20/2021	13
9/14/2022	24
9/7/2023	33
9/10/2024	110
9/3/2025	170

Sulfate

MW-22



n = 10

Slope = -16.22
units per year.

Mann-Kendall
statistic = -31
critical = -27

Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

SMCL (250) is entirely
within the confidence
band.

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:14 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

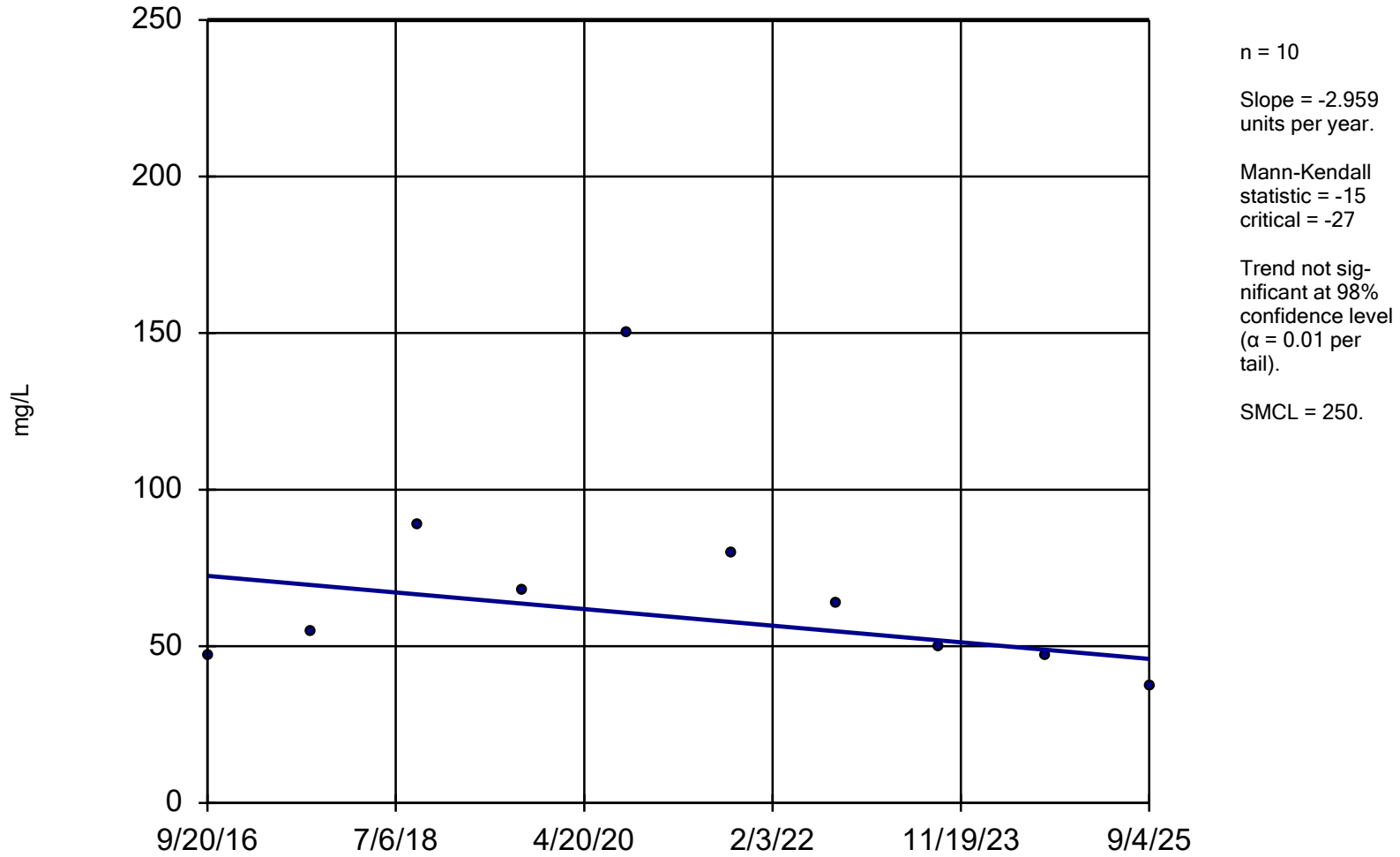
Sen's Slope Estimator

Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-22	LCL	UCL
9/22/2016	307	231.3	445.7
9/11/2017	352	228.8	418.3
9/20/2018	432	226.3	389.2
9/19/2019	330	223.8	363.1
9/15/2020	230	215.1	340.5
9/21/2021	220	202.3	318.7
9/14/2022	210	176.1	298.1
9/7/2023	210	148.5	282.1
9/10/2024	220	119.7	269.1
9/3/2025	180	87.59	258.3

Sulfate

MW-23



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:15 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

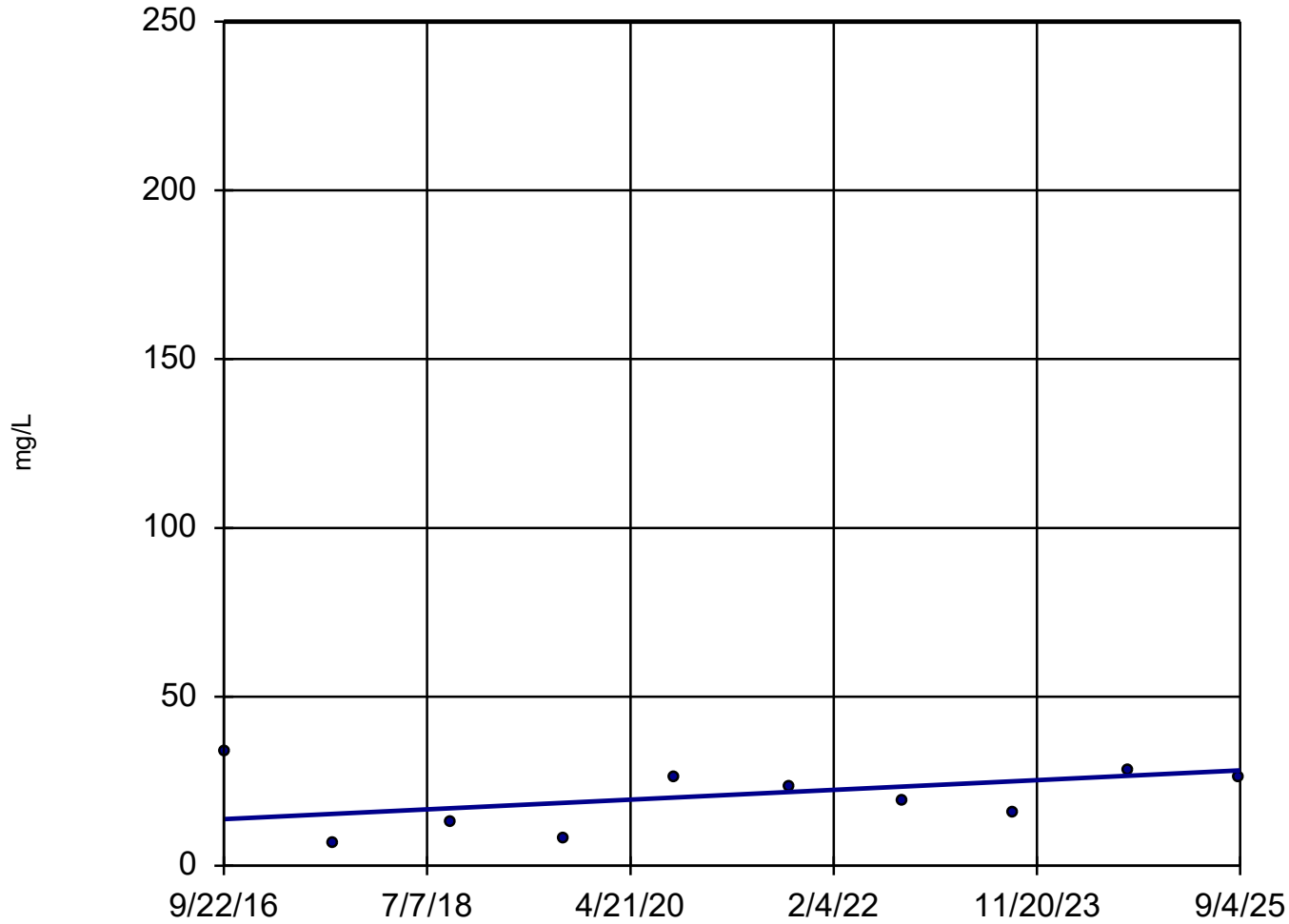
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-23

9/20/2016	47.1
9/11/2017	54.5
9/20/2018	88.6
9/18/2019	68
9/15/2020	150
9/15/2021	80
9/14/2022	64
9/7/2023	50
9/11/2024	47
9/4/2025	37

Sulfate

MW-24



n = 10
Slope = 1.603
units per year.
Mann-Kendall
statistic = 10
critical = 27
Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).
SMCL = 250.

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:15 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

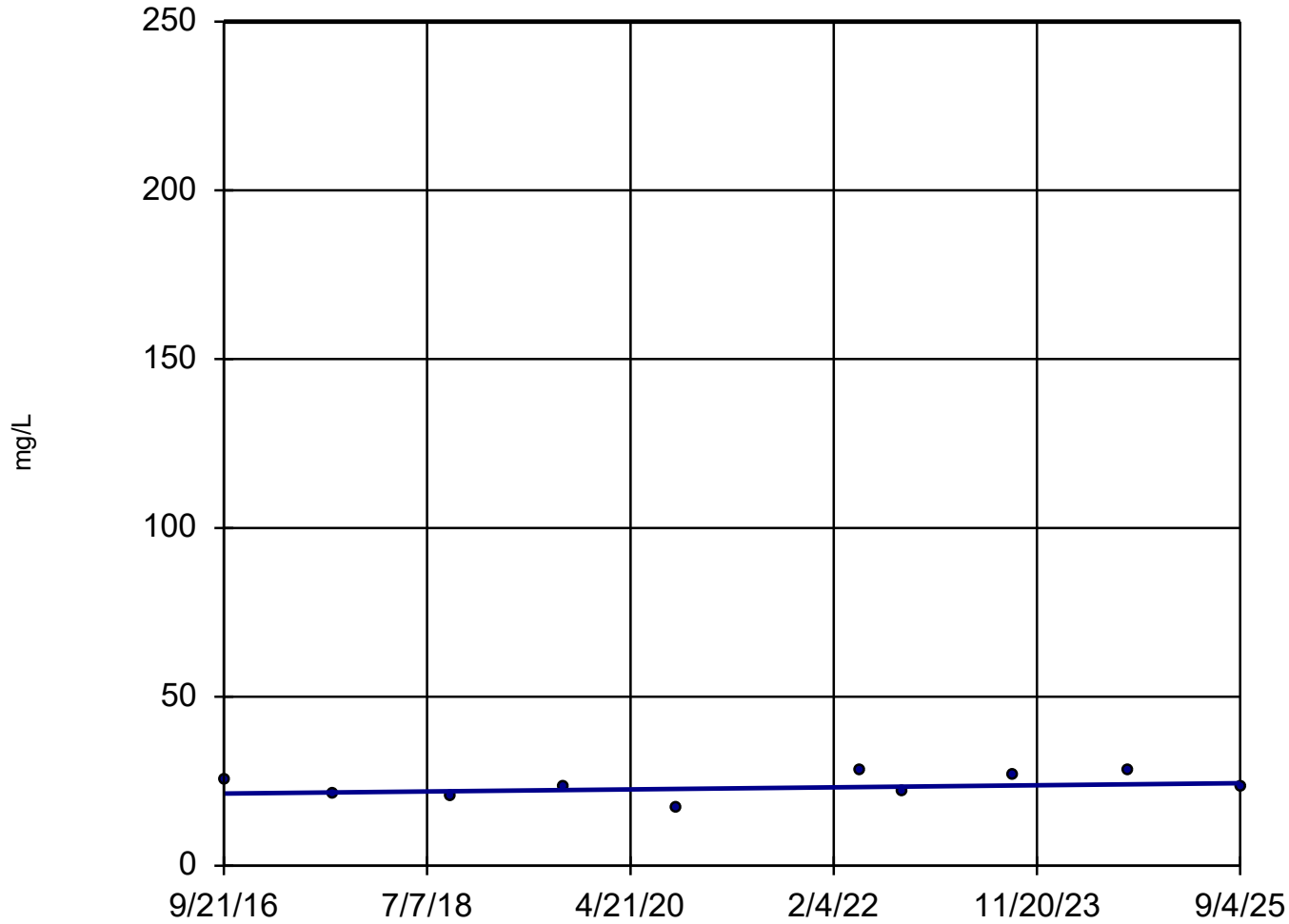
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-24

9/22/2016	33.8
9/11/2017	6.4
9/24/2018	12.6
9/19/2019	8
9/10/2020	26
9/16/2021	23
9/13/2022	19
9/6/2023	16
9/10/2024	28
9/4/2025	26

Sulfate

MW-25



n = 10

Slope = 0.3364
units per year.

Mann-Kendall
statistic = 11
critical = 27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

SMCL = 250.

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:15 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

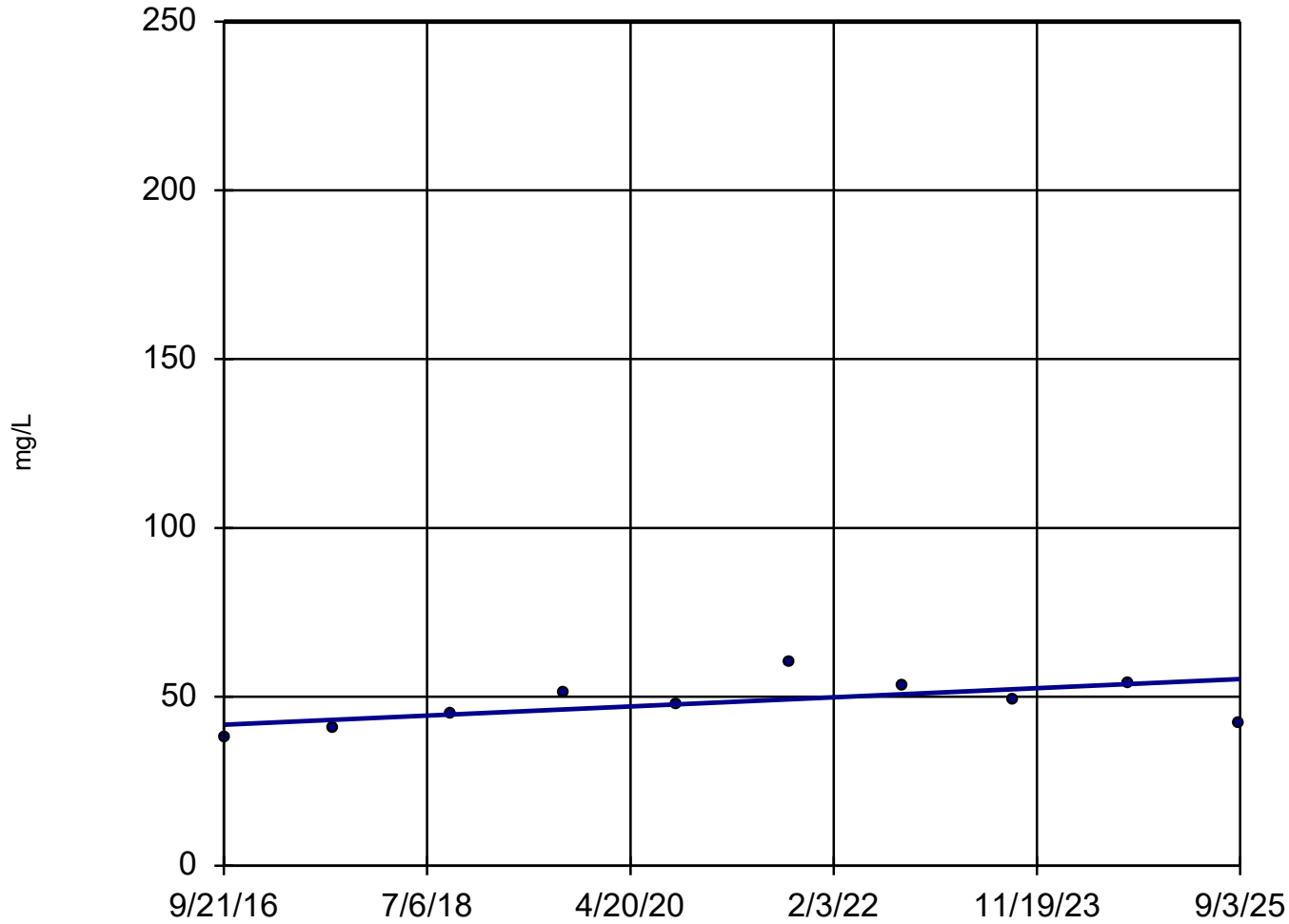
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-25

9/21/2016	25.6
9/8/2017	21.4
9/20/2018	20.3
9/18/2019	23
9/14/2020	17
4/29/2022	28
9/15/2022	22
9/7/2023	27
9/11/2024	28
9/4/2025	23

Sulfate

MW-26



n = 10

Slope = 1.506
units per year.

Mann-Kendall
statistic = 19
critical = 27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

SMCL = 250.

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:15 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

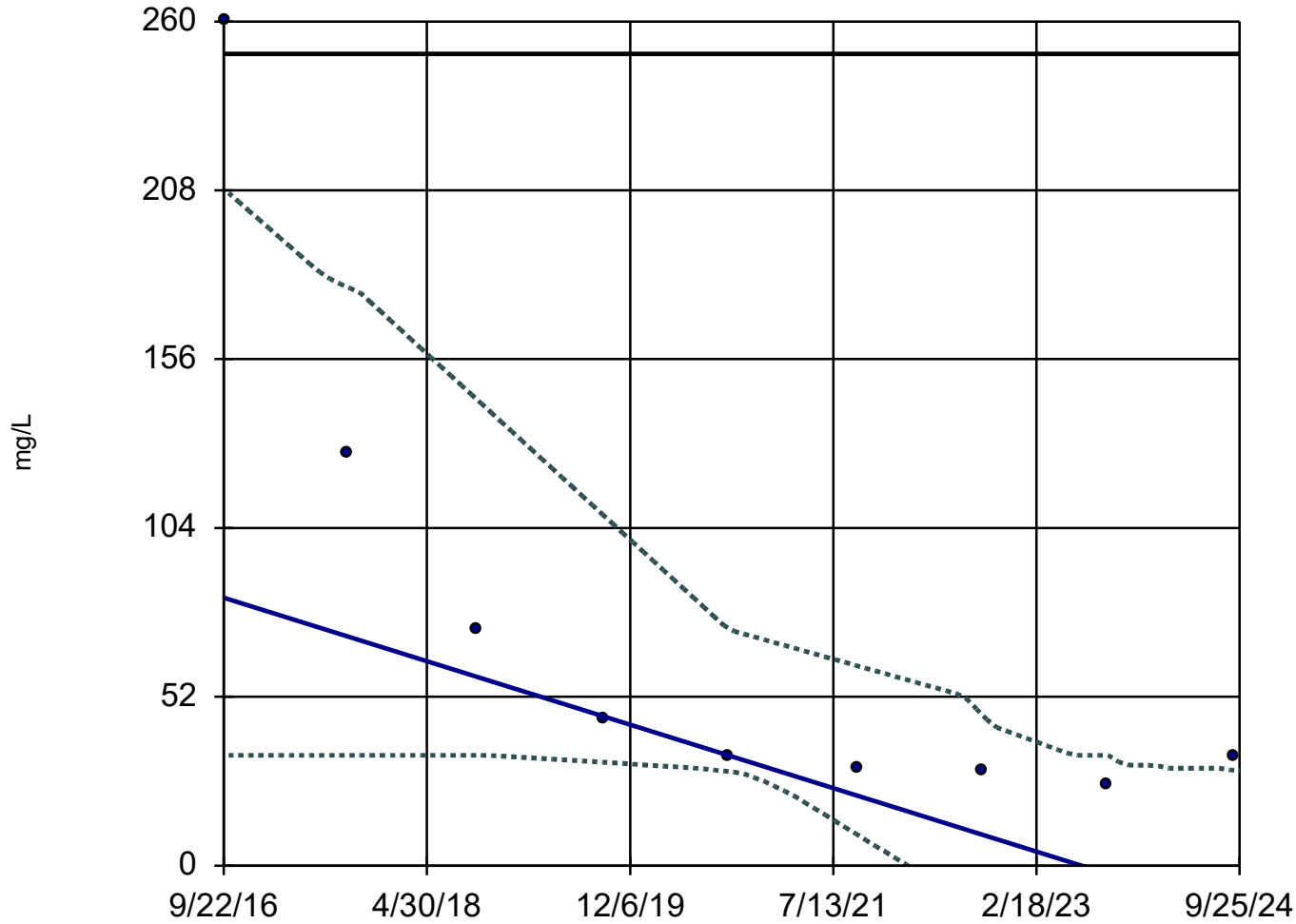
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-26

9/21/2016	37.8
9/11/2017	40.8
9/21/2018	45
9/19/2019	51
9/14/2020	48
9/16/2021	60
9/14/2022	53
9/7/2023	49
9/10/2024	54
9/3/2025	42

Sulfate

MW-27



n = 9
Slope = -12.2
units per year.

Mann-Kendall
statistic = -29
critical = -23

Decreasing trend
significant at 98%
confidence level
($\alpha = 0.01$ per
tail).

Confidence band is
below SMCL (250).

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:15 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

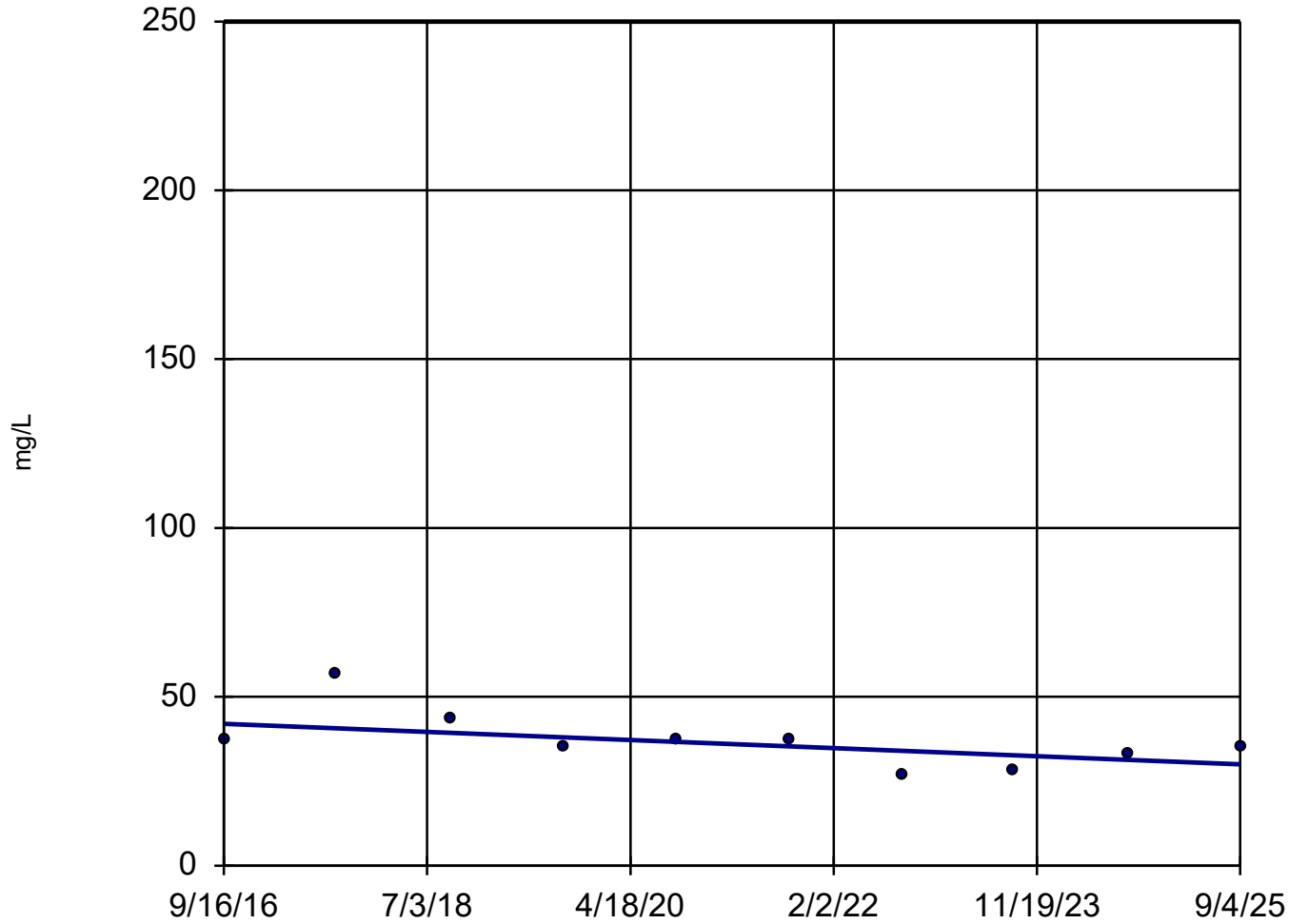
Sen's Slope Estimator

Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-27	LCL	UCL
9/22/2016	260	34	208.5
9/11/2017	127	34	178.3
9/21/2018	72.7	34	143.6
9/19/2019	45	31.85	108
9/14/2020	34	29	72.7
9/20/2021	30	9.519	61.55
9/14/2022	29	-16.62	46.55
9/6/2023	25	-44.06	34
9/11/2024	34	-75.68	29.3

Sulfate

MW-2A (bg)



n = 10

Slope = -1.337
units per year.

Mann-Kendall
statistic = -23
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

SMCL = 250.

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:15 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

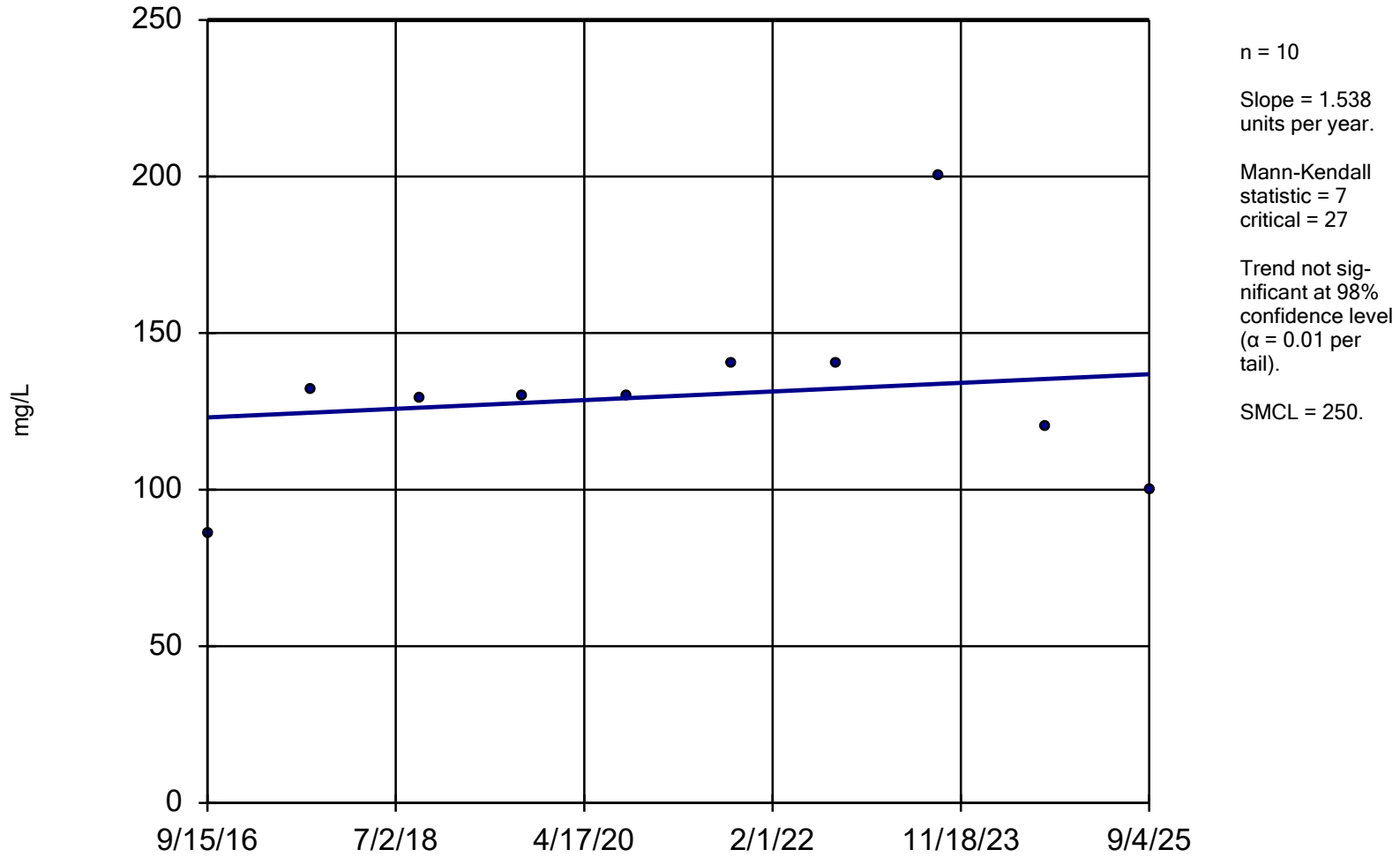
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-2A (bg)

9/16/2016	37.4
9/8/2017	56.9
9/20/2018	43.6
9/19/2019	35
9/14/2020	37
9/15/2021	37
9/14/2022	27
9/7/2023	28
9/11/2024	33
9/4/2025	35

Sulfate

MW-3



Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:15 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

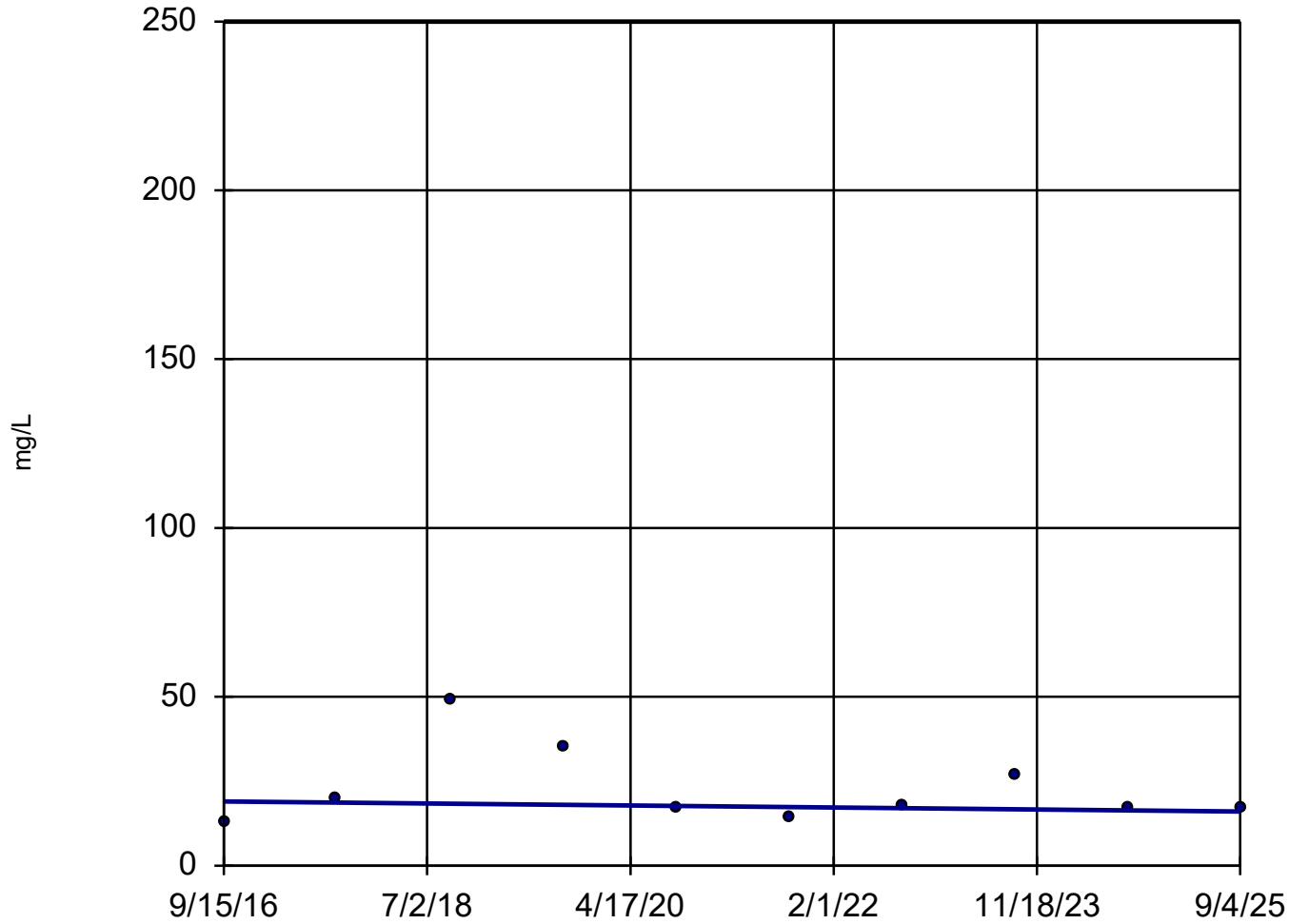
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-3

9/15/2016	86.2
9/8/2017	132
9/21/2018	129
9/19/2019	130
9/11/2020	130
9/15/2021	140
9/13/2022	140
9/6/2023	200
9/10/2024	120
9/4/2025	100

Sulfate

MW-8 (bg)



n = 10

Slope = -0.3361
units per year.

Mann-Kendall
statistic = -4
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

SMCL = 250.

Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:15 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

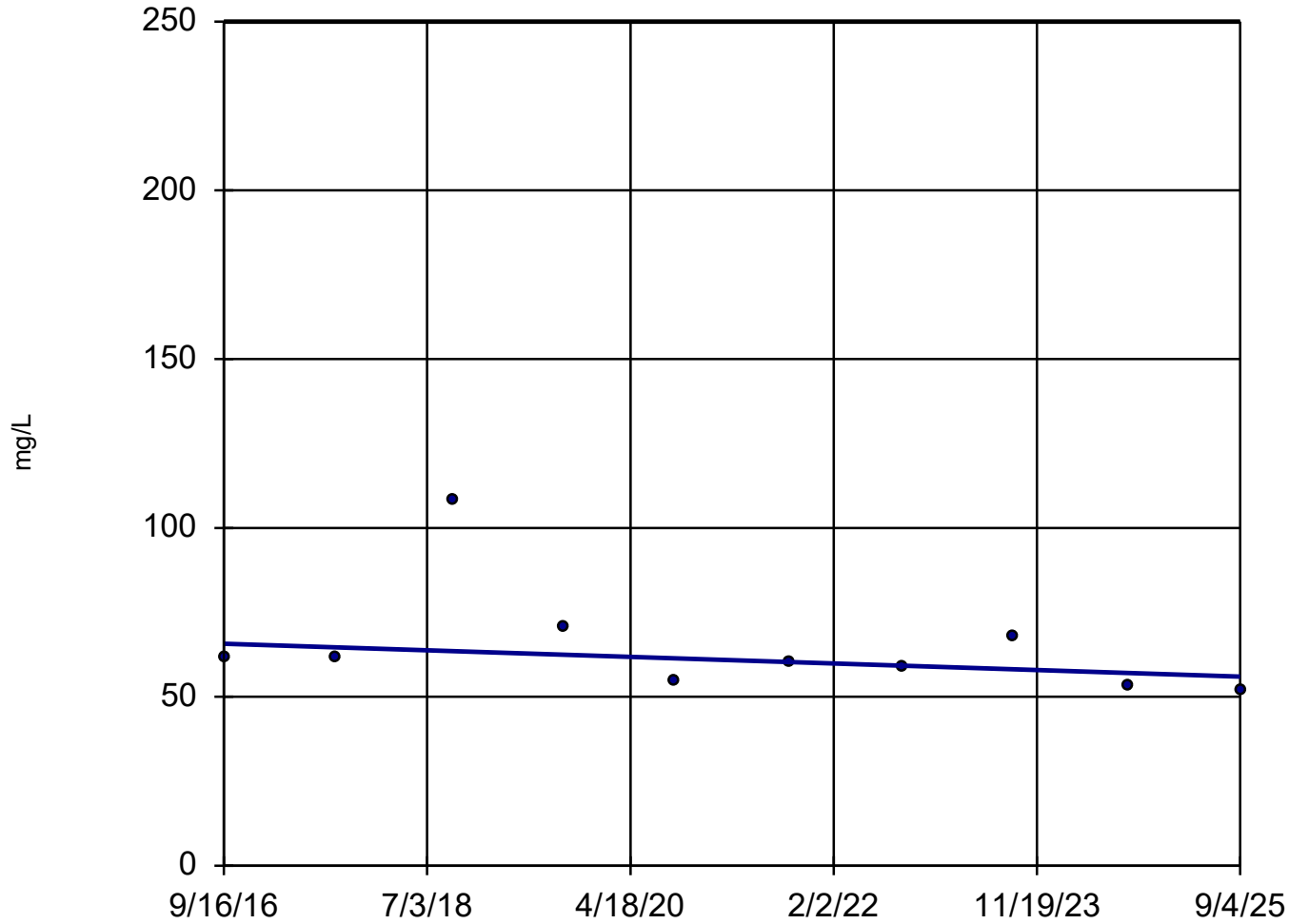
Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

MW-8 (bg)

9/15/2016	12.7
9/9/2017	19.9
9/20/2018	49.2
9/19/2019	35
9/11/2020	17
9/16/2021	14
9/14/2022	18
9/7/2023	27
9/11/2024	17
9/4/2025	17

Sulfate

MW-9



n = 10

Slope = -1.089
units per year.

Mann-Kendall
statistic = -22
critical = -27

Trend not sig-
nificant at 98%
confidence level
($\alpha = 0.01$ per
tail).

SMCL = 250.

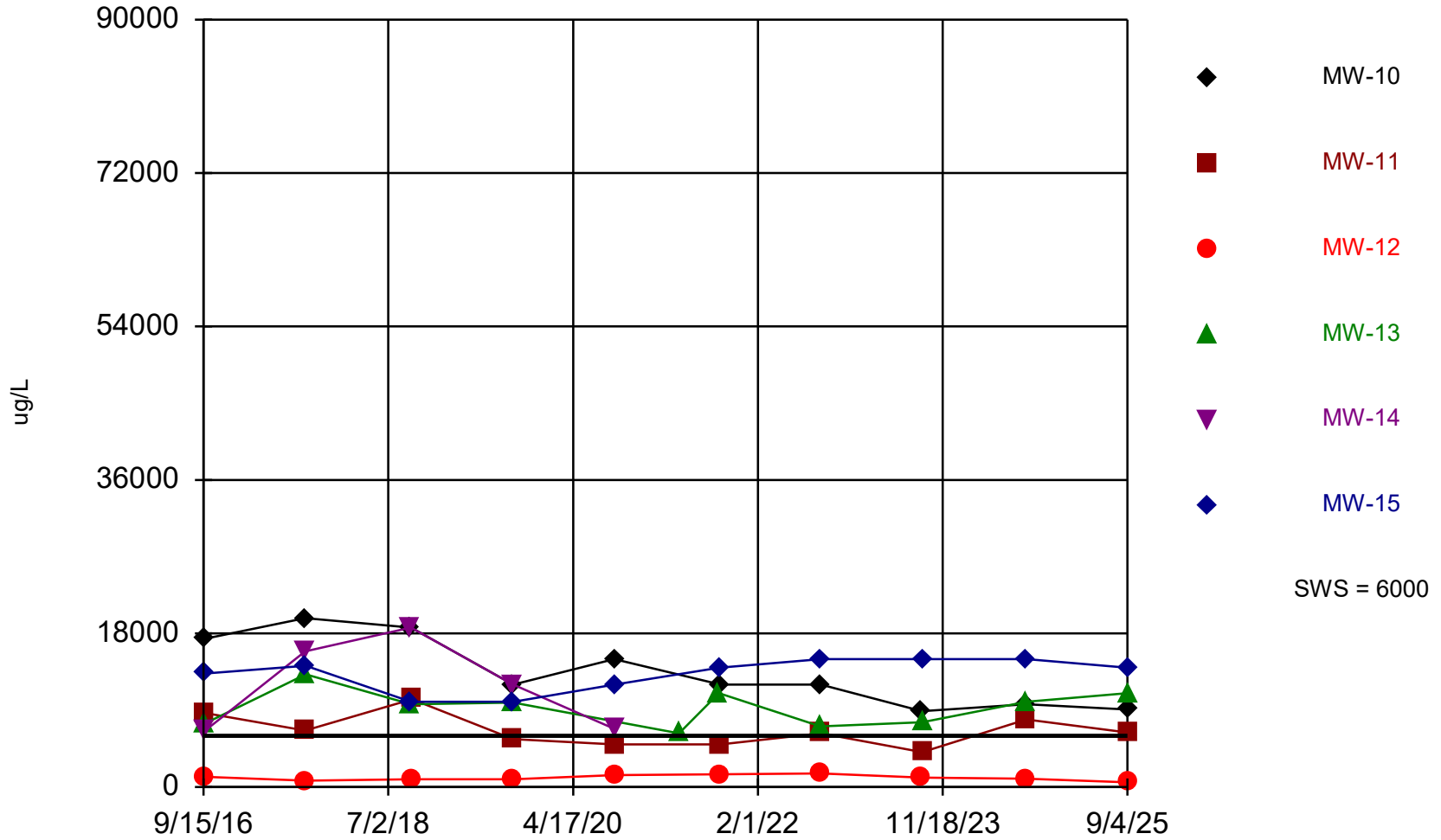
Sen's Slope and 95% Confidence Band Analysis Run 1/22/2026 3:15 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Sen's Slope Estimator

Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:18 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-9
9/16/2016	61.7
9/11/2017	61.7
9/24/2018	108
9/19/2019	71
9/10/2020	55
9/16/2021	60
9/13/2022	59
9/7/2023	68
9/10/2024	53
9/4/2025	52

Boron



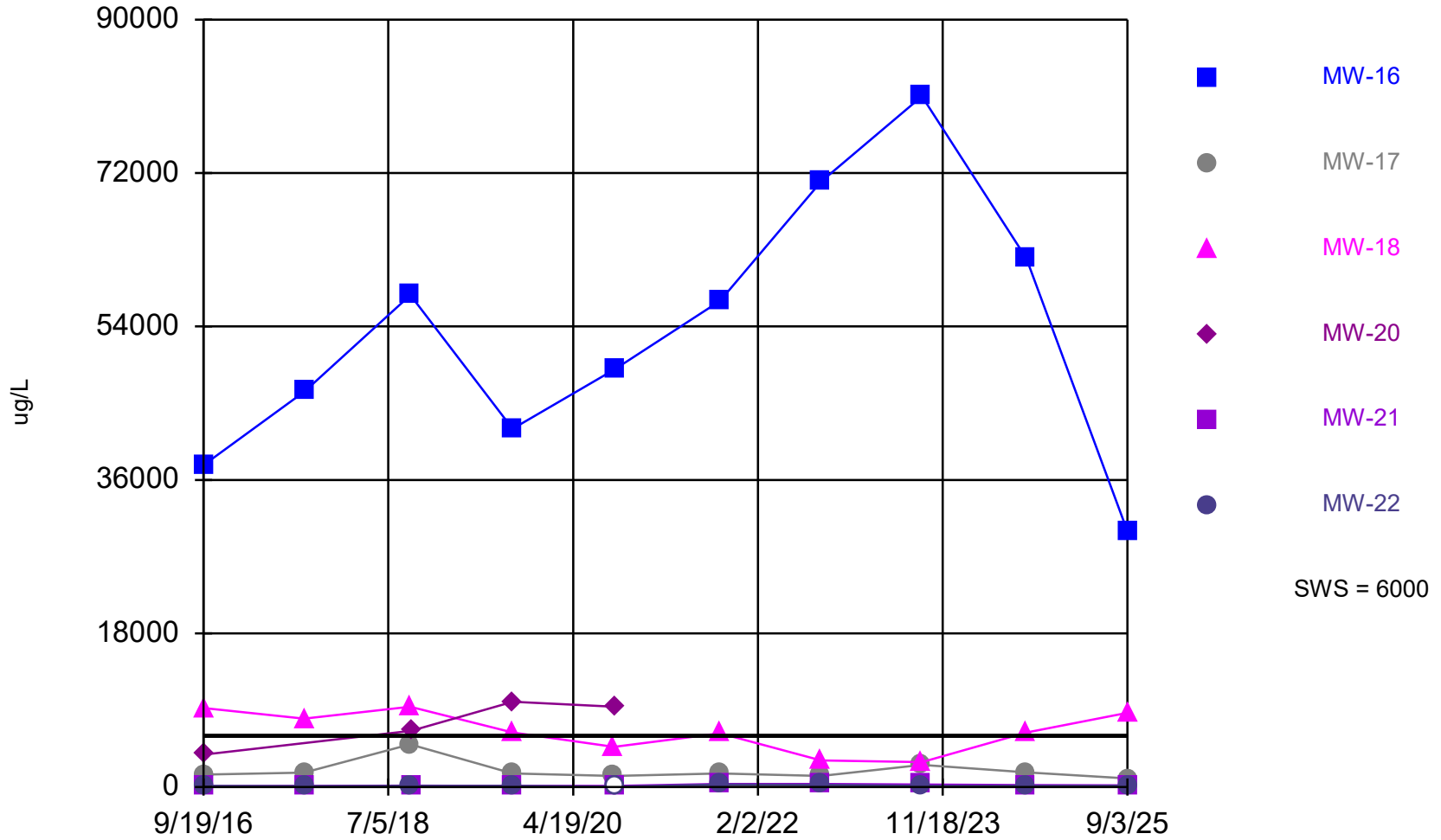
Time Series Analysis Run 1/22/2026 3:08 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15
9/15/2016			1200			
9/20/2016						13300
9/21/2016				7470	6630	
9/22/2016	17400	8650				
9/10/2017	19800	6630			15900	
9/12/2017			741	13200		14200
9/20/2018	18700			9690	18700	10000
9/24/2018		10300	910			
9/18/2019	12000	5600	890	9900	12000	
9/19/2019						10000
9/10/2020	15000	5000	1400			
9/11/2020					6800	12000
4/28/2021				6300		
9/16/2021				11000		
9/17/2021						14000
9/22/2021	12000	5000	1500			
9/12/2022				7100		
9/13/2022	12000	6300	1600			
9/14/2022						15000
9/6/2023	8900		1100			
9/7/2023		4100		7600		15000
9/10/2024	9700	7900	960			
9/11/2024				10000		15000
9/4/2025	9100	6400	540	11000		14000

Boron



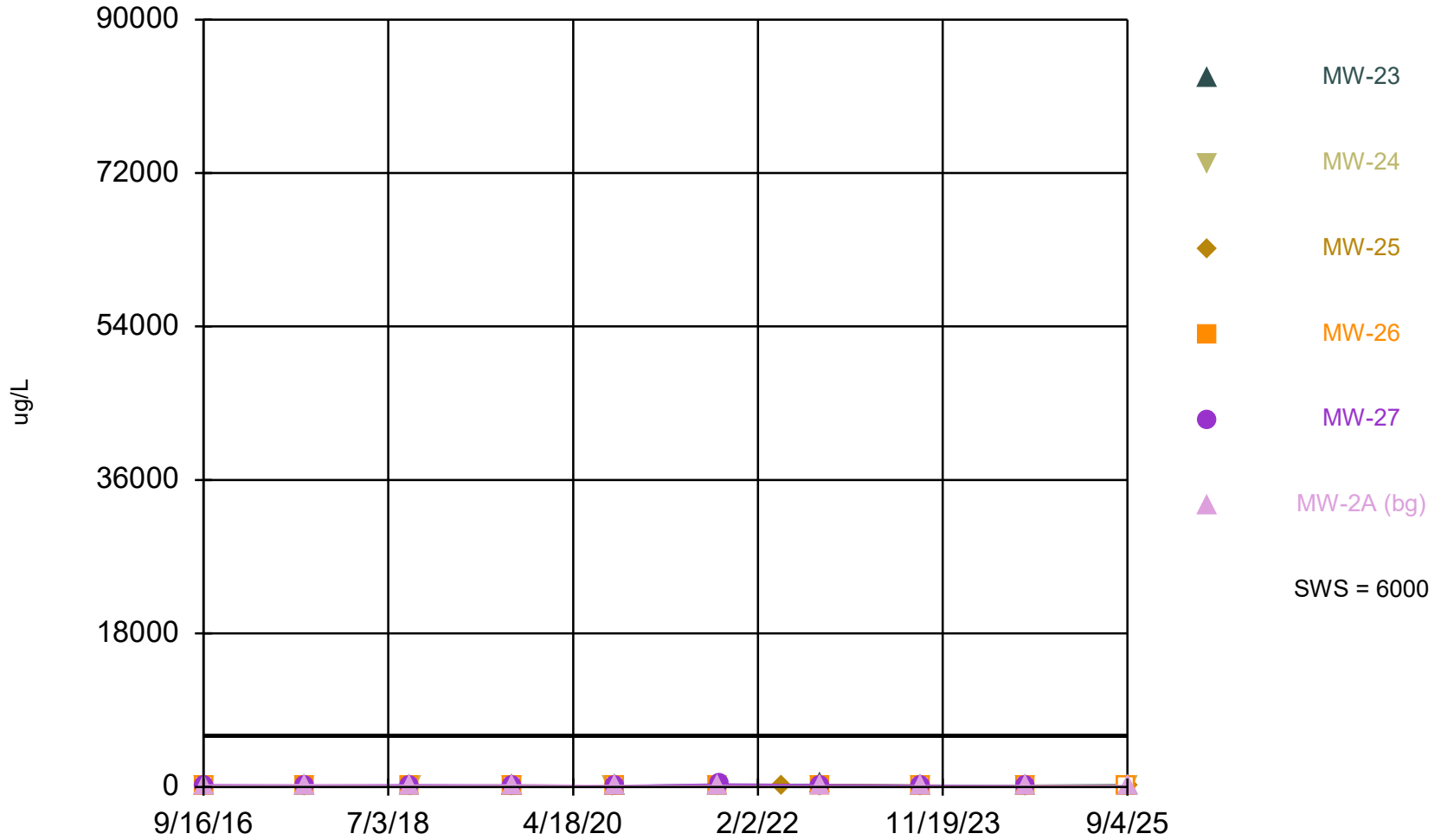
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:10 PM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-16	MW-17	MW-18	MW-20	MW-21	MW-22
9/19/2016				3790		
9/22/2016	37800	1440	9240		86.8 (J)	114
9/10/2017		1670	8020			
9/11/2017					116	79.2 (J)
9/12/2017	46400					
9/20/2018		5000	9420			108
9/21/2018	57700					
9/24/2018				6590	158	
9/18/2019	42000	1600	6400			
9/19/2019				10000	140 (J)	130 (J)
9/11/2020		1300	4700			
9/14/2020	49000			9400		
9/15/2020					110	<80
9/20/2021					350	
9/21/2021	57000	1600	6300			280
9/14/2022	71000	1300	3100		350	260
9/6/2023	81000	2600	2900			
9/7/2023					300	130
9/10/2024	62000	1700			220	140
9/11/2024			6400			
9/3/2025	30000	1000	8700		200	140

Boron



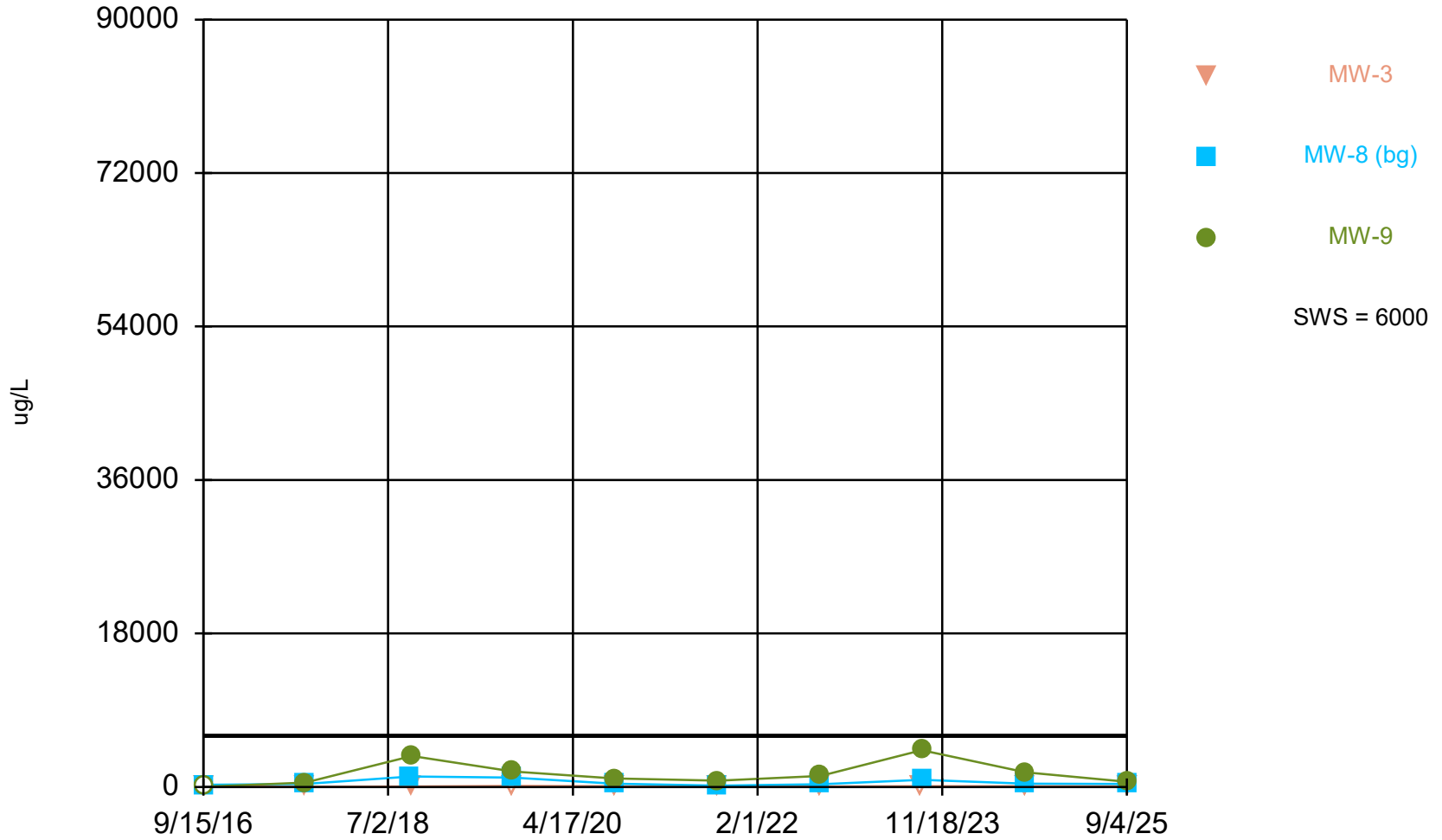
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:10 PM View: Deep
 Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-23	MW-24	MW-25	MW-26	MW-27	MW-2A (bg)
9/16/2016						159
9/20/2016	66.8 (J)					
9/21/2016			98 (J)	<50		
9/22/2016		<50			237	
9/8/2017			105			222
9/11/2017	53.6 (J)	72.7 (J)		58.3 (J)	203	
9/20/2018	165		153			141
9/21/2018				94.5 (J)	232	
9/24/2018		65.7 (J)				
9/18/2019	<110		<110			
9/19/2019		190 (J)		<110	180 (J)	200
9/10/2020		<80				
9/14/2020			<80	<80	140	110
9/15/2020	<80					
9/15/2021	240					140
9/16/2021		110		80 (J)		
9/20/2021					290	
4/29/2022			110			
9/13/2022		180				
9/14/2022	260			130	230	88 (J)
9/15/2022			210			
9/6/2023		130			160	
9/7/2023	150		170	<76 (U)		100
9/10/2024		<76		<76		
9/11/2024	160		77 (J)		130	110
9/3/2025				<82 (U)		
9/4/2025	230	92 (J)	<82 (U)			140

Boron



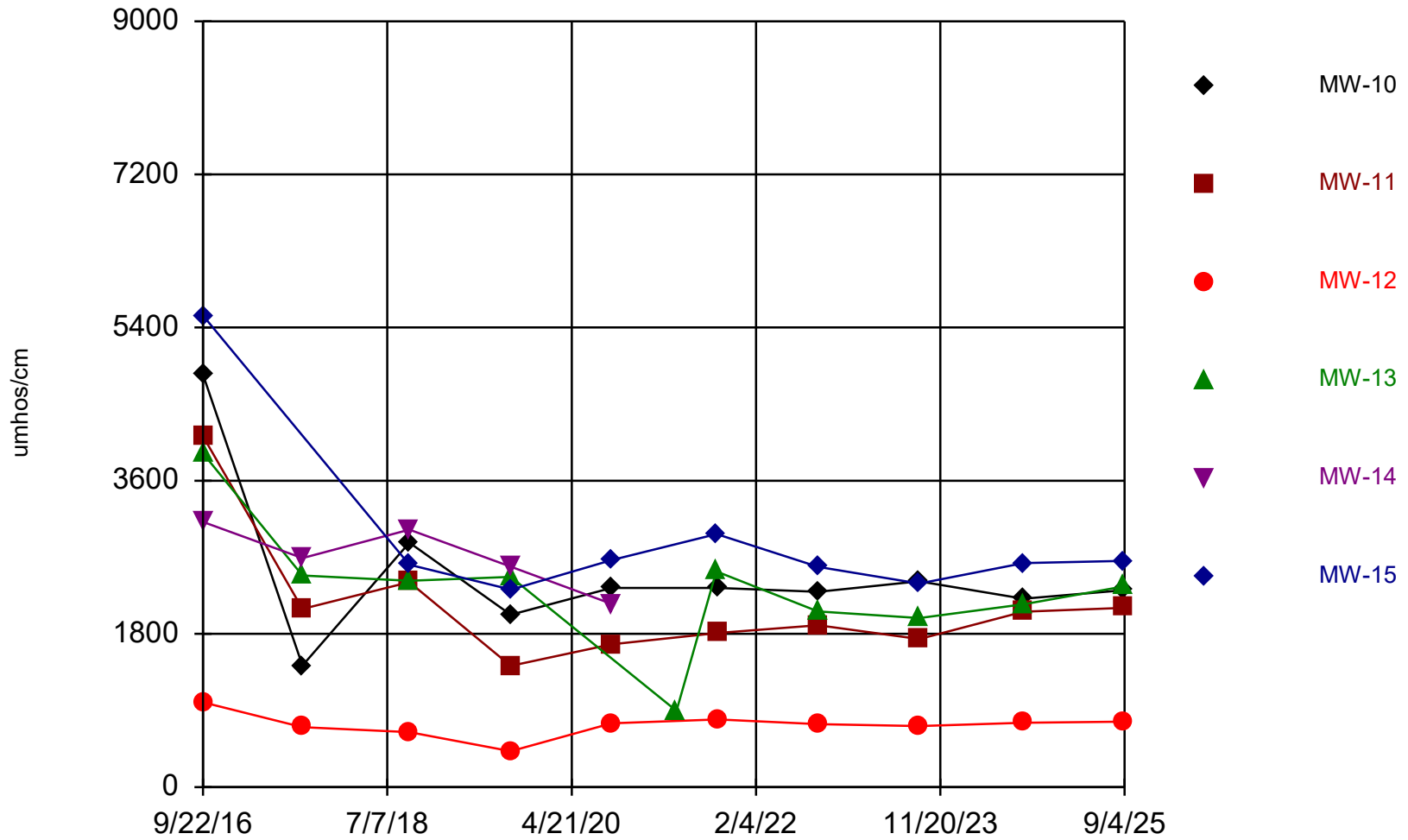
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Boron (ug/L) Analysis Run 1/22/2026 3:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-3	MW-8 (bg)	MW-9
9/15/2016	<50	244	
9/16/2016			<50
9/8/2017	35.5 (J)		
9/9/2017		339	
9/11/2017			500
9/20/2018		1220	
9/21/2018	49.3 (J)		
9/24/2018			3620
9/19/2019	<110	1100	1800
9/10/2020			1000
9/11/2020	<80	380	
9/15/2021	<58		
9/16/2021		150	740
9/13/2022	<58		1300
9/14/2022		310	
9/6/2023	<76 (U)		
9/7/2023		830	4300
9/10/2024	<76		1700
9/11/2024		370	
9/4/2025	<82 (U)	350	620

Field Specific Conductance



Time Series Analysis Run 1/22/2026 3:08 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

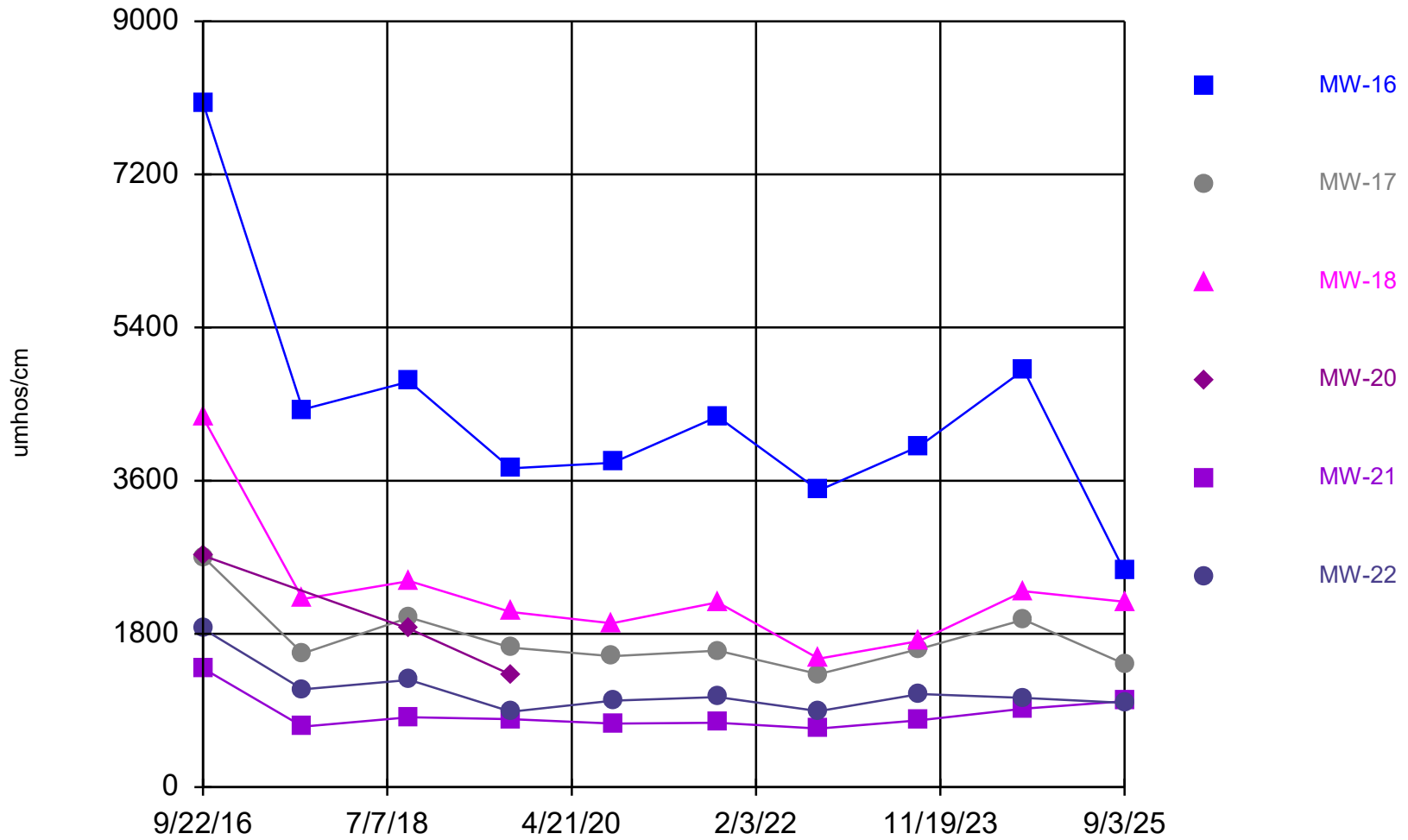
Time Series

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:10 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15
9/22/2016	4847	4122	996	3920	3117	5540
9/10/2017	1428	2093	703	2487	2692	
9/24/2018	2874	2408	644	2425	3024	2613
9/18/2019	2024	1424	423	2470	2590	
9/19/2019						2320
9/10/2020	2340	1679	749			
9/11/2020					2151	2668
4/28/2021				895		
9/16/2021				2534		
9/17/2021						2972
9/22/2021	2339	1812	796			
9/12/2022				2064		
9/13/2022	2296	1902	739			
9/14/2022						2586
9/6/2023	2418		717			
9/7/2023		1740		1987		2391
9/10/2024	2213	2060	757			
9/11/2024				2150		2632
9/4/2025	2314	2106	770	2361		2657

Field Specific Conductance



Time Series Analysis Run 1/22/2026 3:08 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

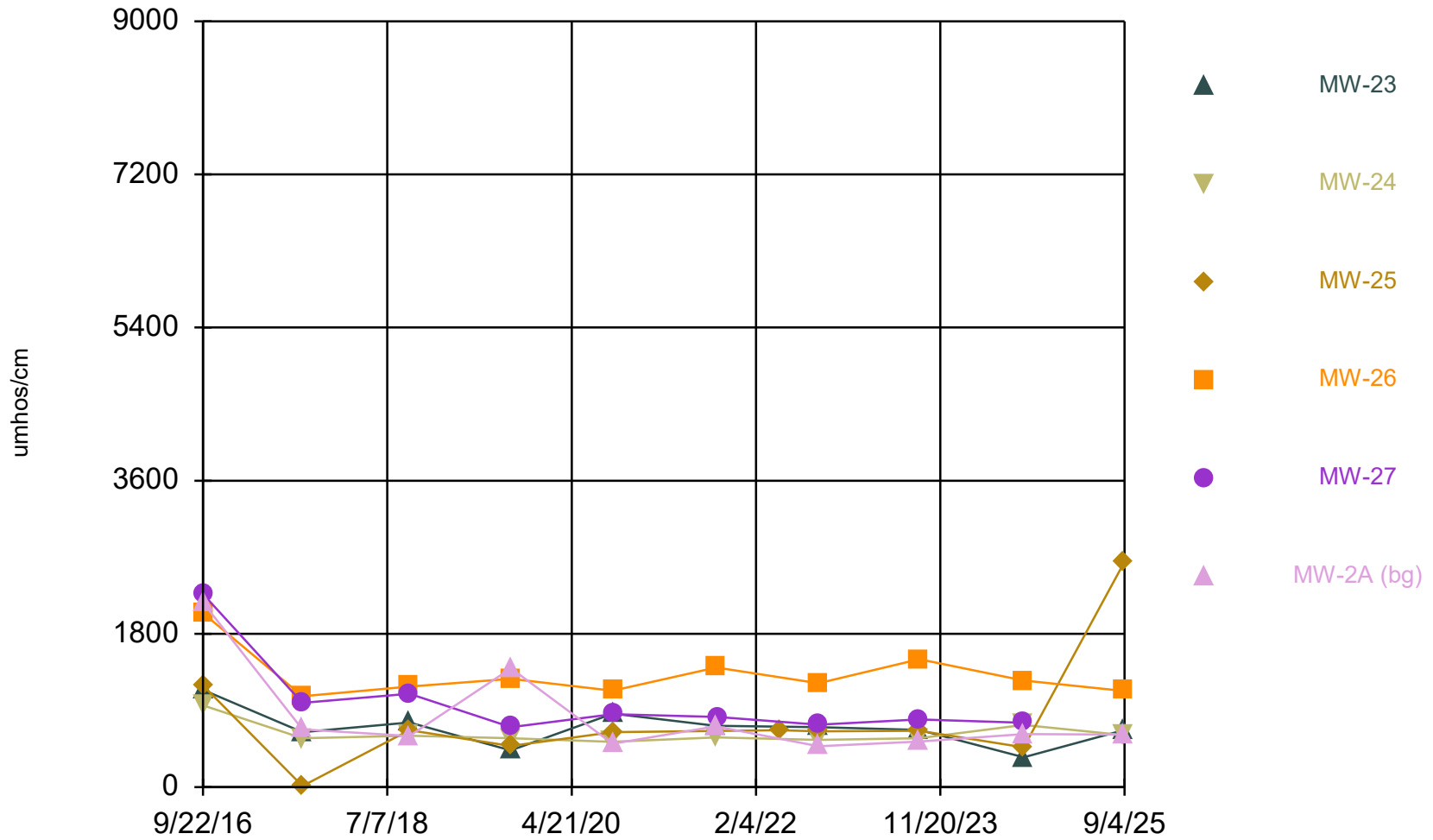
Time Series

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:10 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-16	MW-17	MW-18	MW-20	MW-21	MW-22
9/22/2016	8041	2706	4343	2719	1397	1861
9/10/2017	4437	1570	2211		711	1149
9/24/2018	4765	1994	2420	1861	821	1259
9/18/2019	3747	1640	2058			
9/19/2019				1321	797	885
9/11/2020		1538	1925			
9/14/2020	3812					
9/15/2020					747	1016
9/20/2021					756	
9/21/2021	4354	1604	2172			1058
9/14/2022	3487	1327	1509		688	893
9/6/2023	4006	1622	1717			
9/7/2023					786	1094
9/10/2024	4903	1968			922	1047
9/11/2024			2300			
9/3/2025	2535	1448	2177		1010	991

Field Specific Conductance



Time Series Analysis Run 1/22/2026 3:08 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

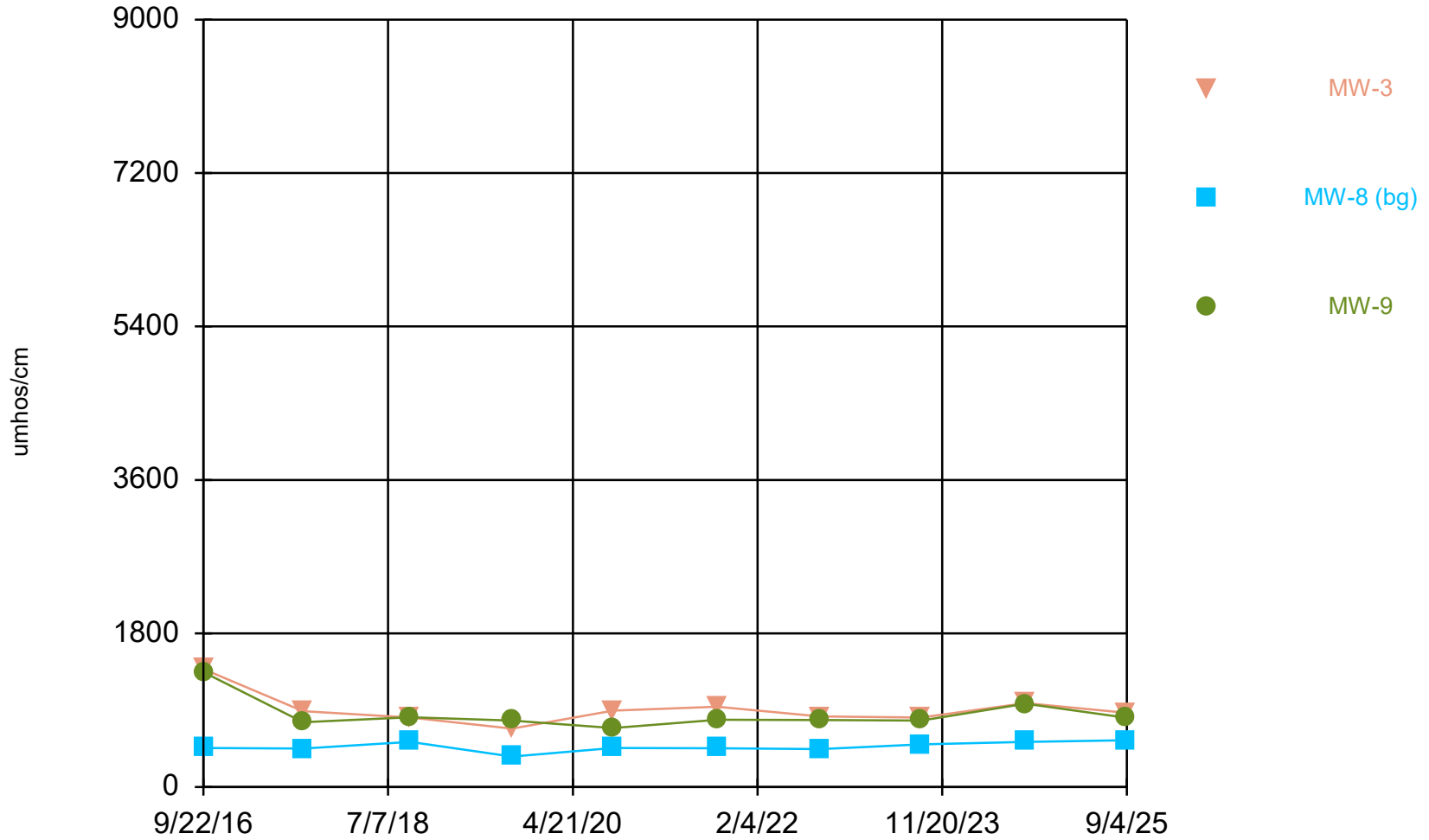
Time Series

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:10 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-23	MW-24	MW-25	MW-26	MW-27	MW-2A (bg)
9/22/2016	1143	961	1194	2044	2269	2167
9/10/2017	646	573.7	12	1069	991	678
9/24/2018	759	603	669	1182	1097	599
9/18/2019	431		482			
9/19/2019		575		1271	705	1395
9/10/2020		531.3				
9/14/2020			647	1132	858	507.7
9/15/2020	864					
9/15/2021	721					715
9/16/2021		585.3		1404		
9/20/2021					824	
4/29/2022			669.5			
9/13/2022		553.4				
9/14/2022	704			1220	732	480.5
9/15/2022			656.5			
9/6/2023		572.6			794	
9/7/2023	670		662	1501		535
9/10/2024		729		1252		
9/11/2024	350.9		467.4		755	622
9/3/2025				1130		
9/4/2025	673	610	2647			616

Field Specific Conductance



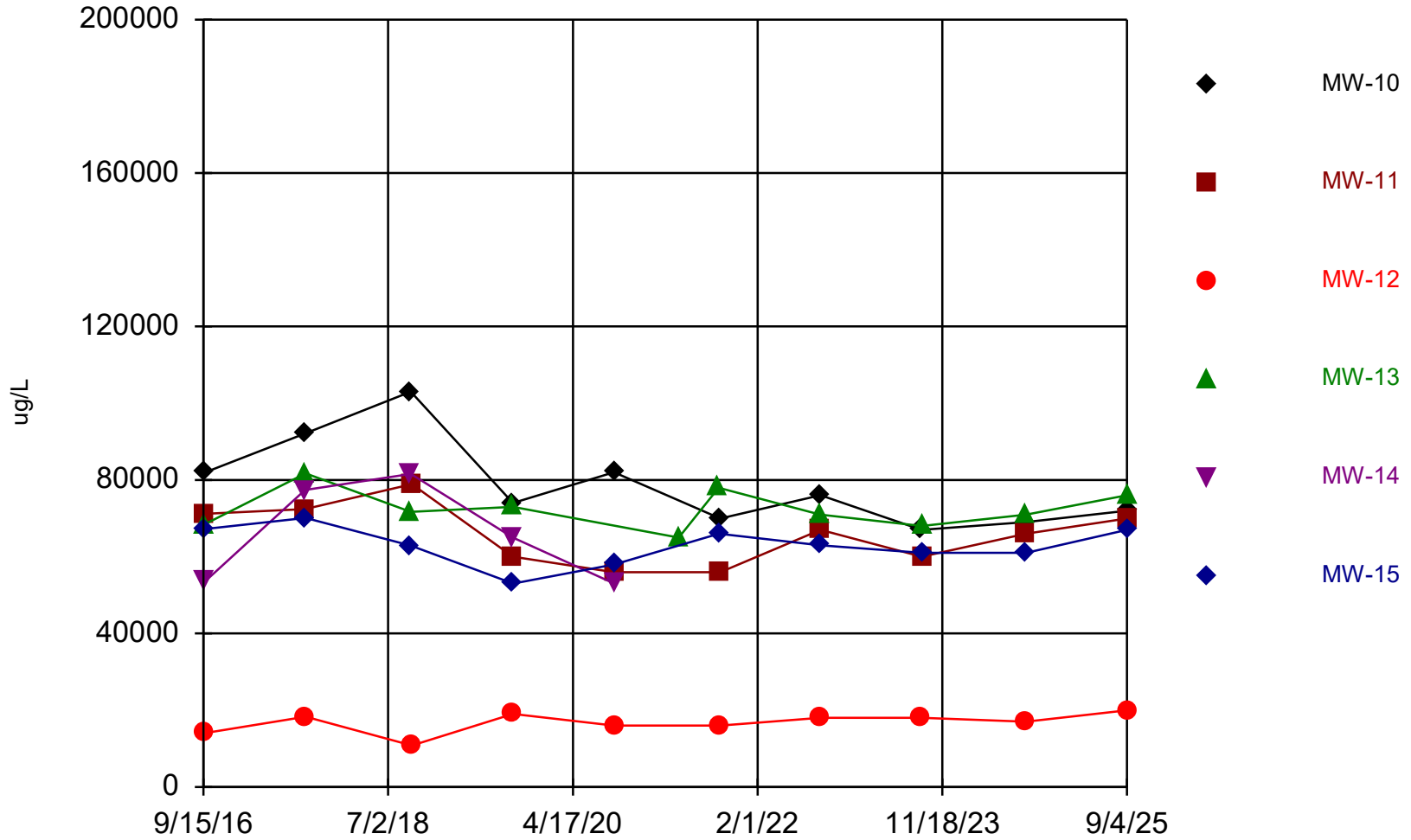
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Time Series

Constituent: Field Specific Conductance (umhos/cm) Analysis Run 1/22/2026 3:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-3	MW-8 (bg)	MW-9
9/22/2016	1383	457	1347
9/10/2017	889	450.2	758
9/24/2018	813	528.8	816
9/19/2019	686	356	779
9/10/2020			690
9/11/2020	897	458.4	
9/15/2021	942		
9/16/2021		455.4	787
9/13/2022	827		785
9/14/2022		444.2	
9/6/2023	814		
9/7/2023		498.3	780
9/10/2024	983		975
9/11/2024		529	
9/4/2025	868	547	810

Magnesium



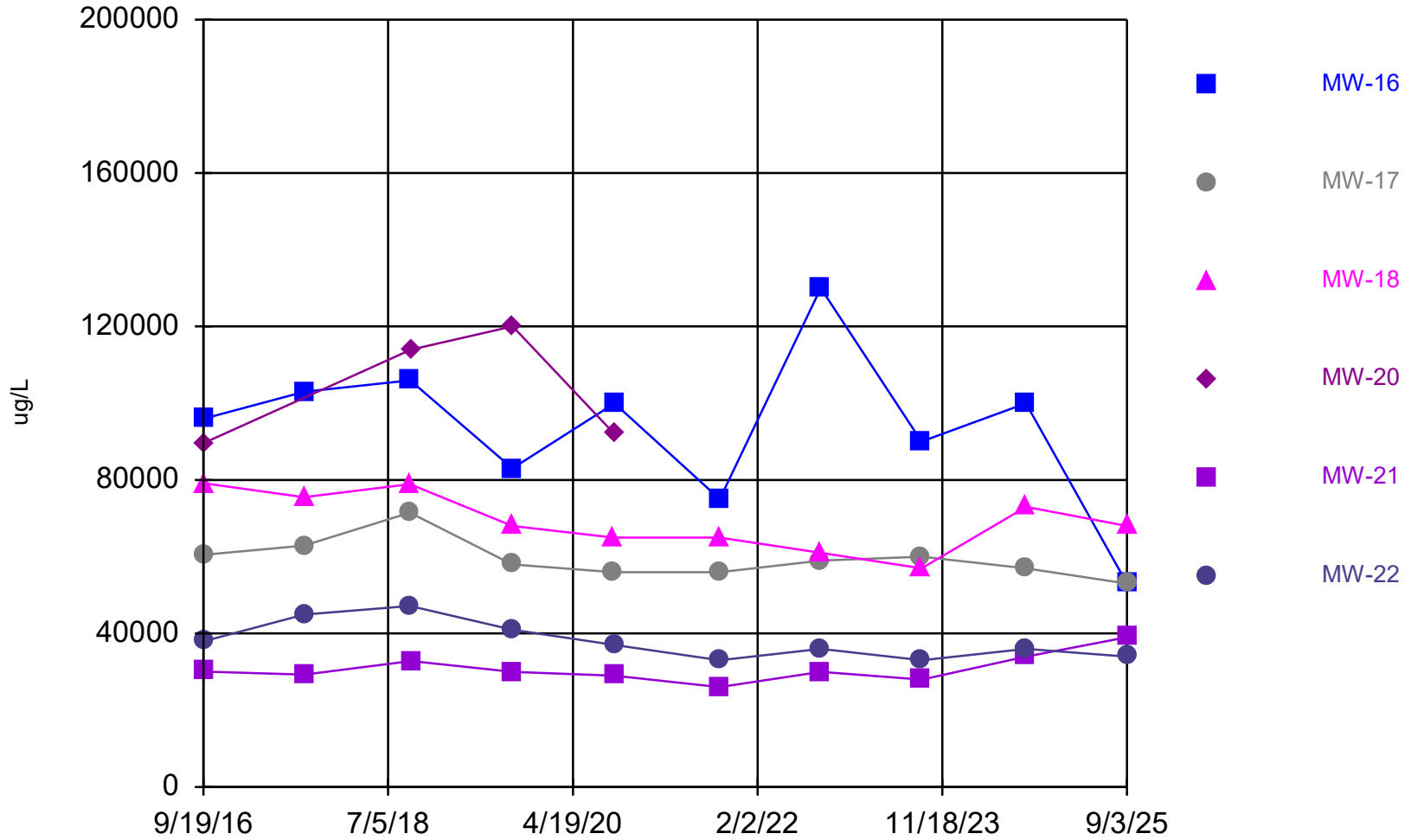
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15
9/15/2016			14000			
9/20/2016						67200
9/21/2016				68500	53600	
9/22/2016	82000	71200				
9/10/2017	92100	72400			77400	
9/12/2017			18300	81700		70100
9/20/2018	103000			71700	81600	62900
9/24/2018		78900	10800			
9/18/2019	74000	60000	19000	73000	65000	
9/19/2019						53000
9/10/2020	82000	56000	16000			
9/11/2020					53000	58000
4/28/2021				65000		
9/16/2021				78000		
9/17/2021						66000
9/22/2021	70000	56000	16000			
9/12/2022				71000		
9/13/2022	76000	67000	18000			
9/14/2022						63000
9/6/2023	67000		18000			
9/7/2023		60000		68000		61000
9/10/2024	69000	66000	17000			
9/11/2024				71000		61000
9/4/2025	72000	70000	20000	76000		67000

Magnesium



Time Series Analysis Run 1/22/2026 3:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

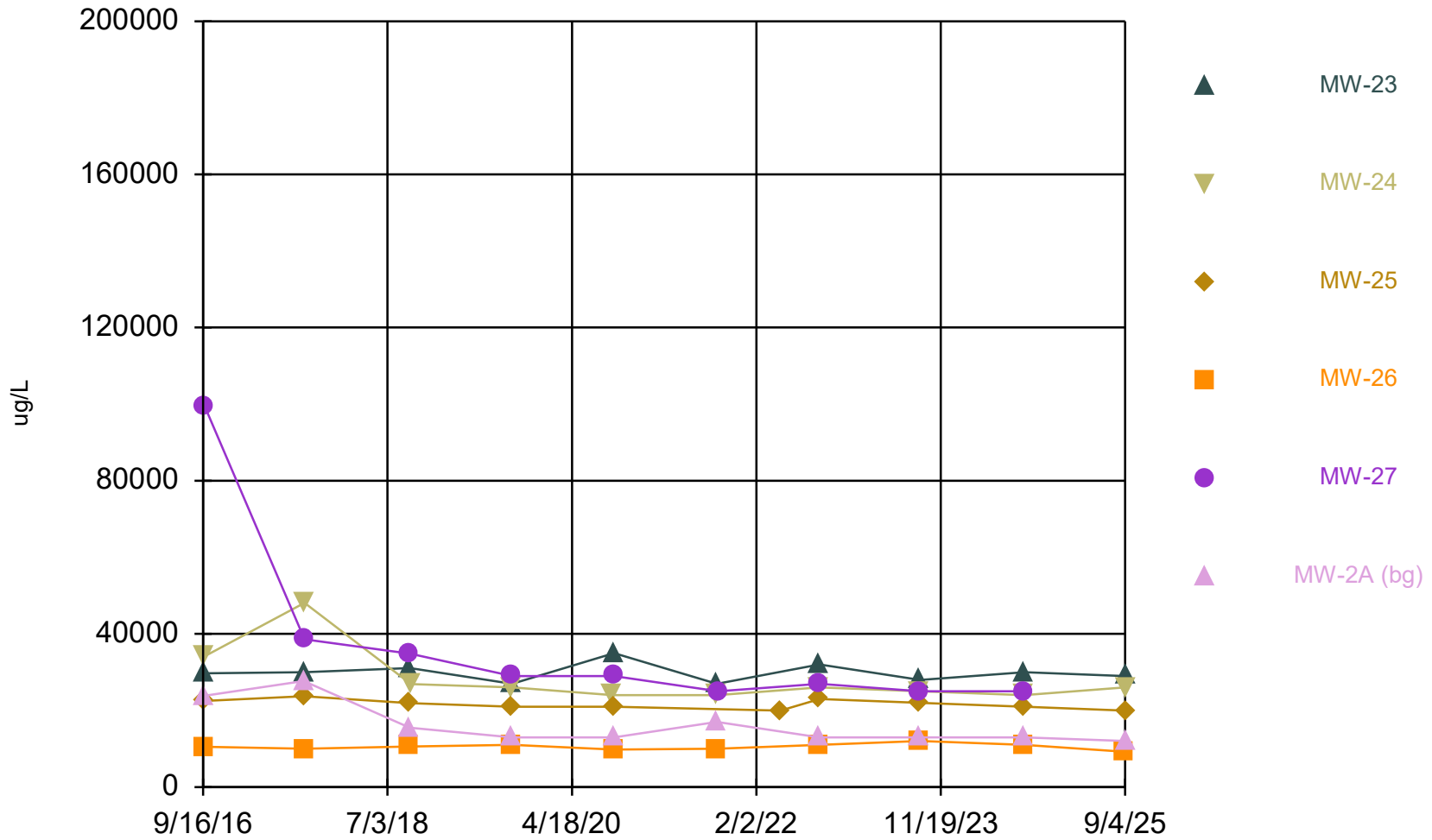
Time Series

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:10 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-16	MW-17	MW-18	MW-20	MW-21	MW-22
9/19/2016				89600		
9/22/2016	96000	60500	79100		30100	38000
9/10/2017		62900	75500			
9/11/2017					29300	44900
9/12/2017	103000					
9/20/2018		71500	78900			47200
9/21/2018	106000					
9/24/2018				114000	32800	
9/18/2019	83000	58000	68000			
9/19/2019				120000	30000	41000
9/11/2020		56000	65000			
9/14/2020	100000			92000		
9/15/2020					29000	37000
9/20/2021					26000	
9/21/2021	75000	56000	65000			33000
9/14/2022	130000	59000	61000		30000	36000
9/6/2023	90000	60000	57000			
9/7/2023					28000	33000
9/10/2024	100000	57000			34000	36000
9/11/2024			73000			
9/3/2025	53000	53000	68000		39000	34000

Magnesium



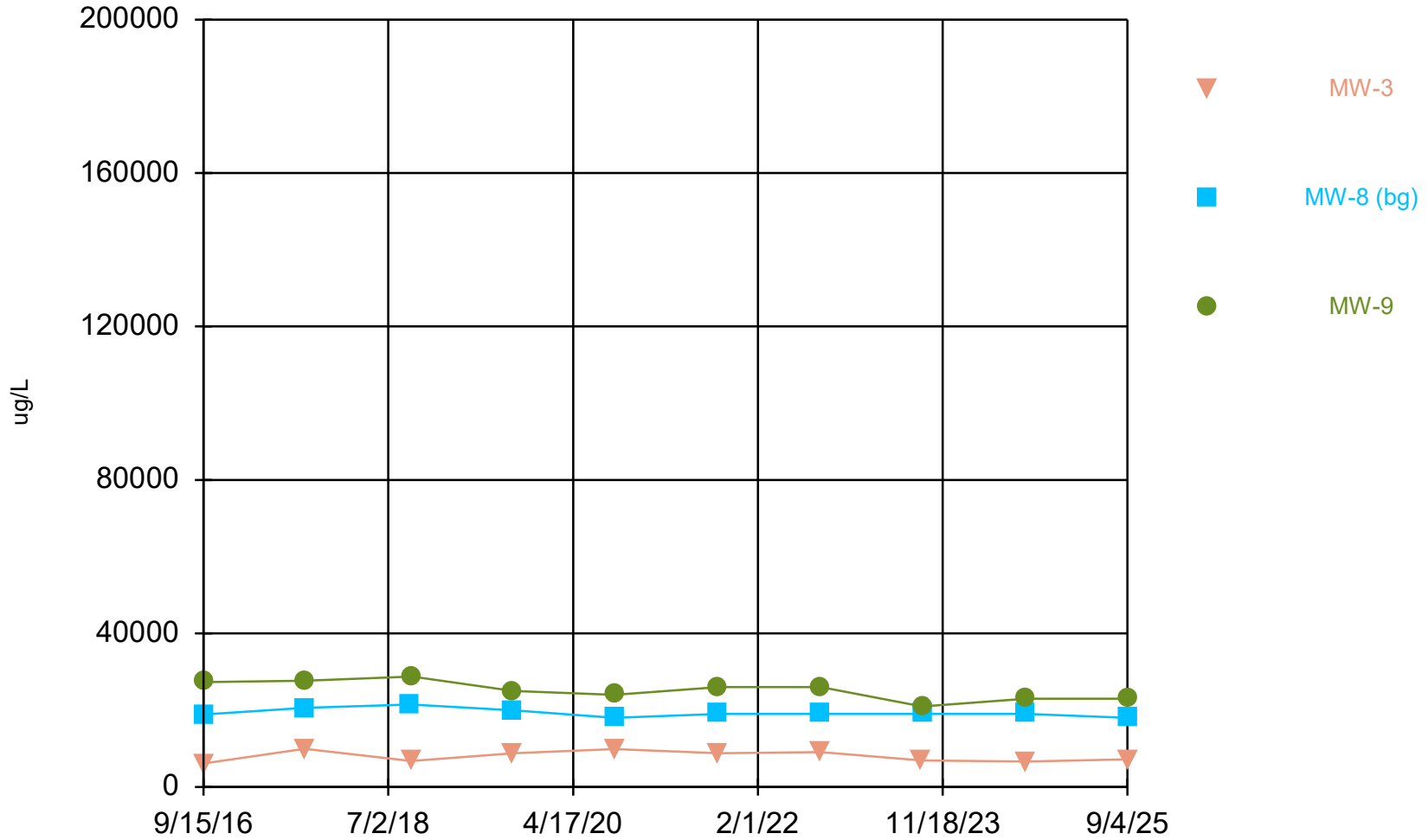
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-23	MW-24	MW-25	MW-26	MW-27	MW-2A (bg)
9/16/2016						23800
9/20/2016	29700					
9/21/2016			22500	10500		
9/22/2016		34200			99400	
9/8/2017			23700			27700
9/11/2017	30000	48100		10000	38600	
9/20/2018	31100		21900			15500
9/21/2018				10600	34800	
9/24/2018		26900				
9/18/2019	27000		21000			
9/19/2019		26000		11000	29000	13000
9/10/2020		24000				
9/14/2020			21000	9800	29000	13000
9/15/2020	35000					
9/15/2021	27000					17000
9/16/2021		24000		10000		
9/20/2021					25000	
4/29/2022			20000			
9/13/2022		26000				
9/14/2022	32000			11000	27000	13000
9/15/2022			23000			
9/6/2023		25000			25000	
9/7/2023	28000		22000	12000		13000
9/10/2024		24000		11000		
9/11/2024	30000		21000		25000	13000
9/3/2025				9200		
9/4/2025	29000	26000	20000			12000

Magnesium



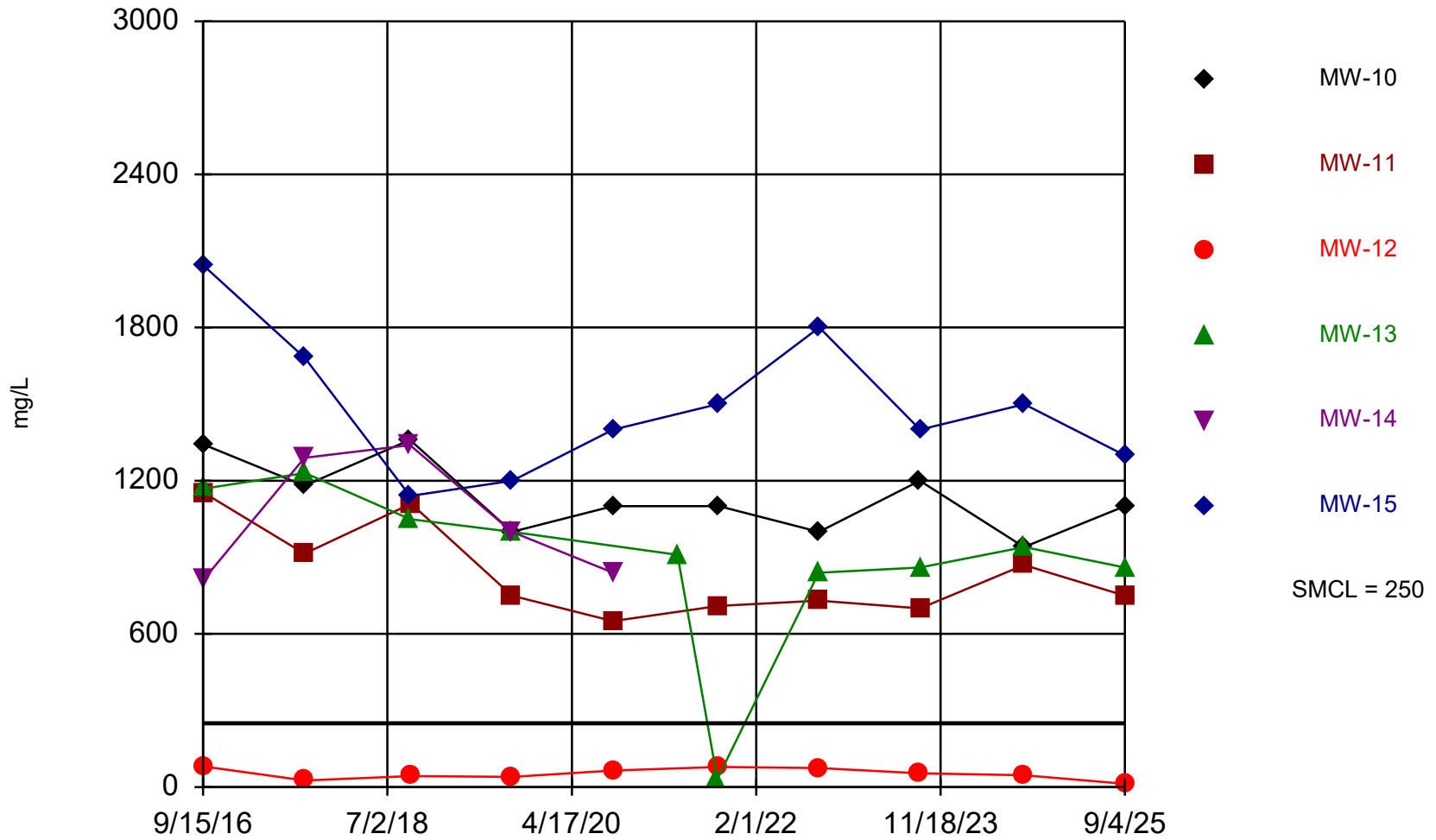
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Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Magnesium (ug/L) Analysis Run 1/22/2026 3:10 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-3	MW-8 (bg)	MW-9
9/15/2016	6120	18900	
9/16/2016			27300
9/8/2017	9920		
9/9/2017		20600	
9/11/2017			27700
9/20/2018		21500	
9/21/2018	6780		
9/24/2018			28800
9/19/2019	8800	20000	25000
9/10/2020			24000
9/11/2020	9900	18000	
9/15/2021	8800		
9/16/2021		19000	26000
9/13/2022	9100		26000
9/14/2022		19000	
9/6/2023	6900		
9/7/2023		19000	21000
9/10/2024	6600		23000
9/11/2024		19000	
9/4/2025	7200	18000	23000

Sulfate



Time Series Analysis Run 1/22/2026 3:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

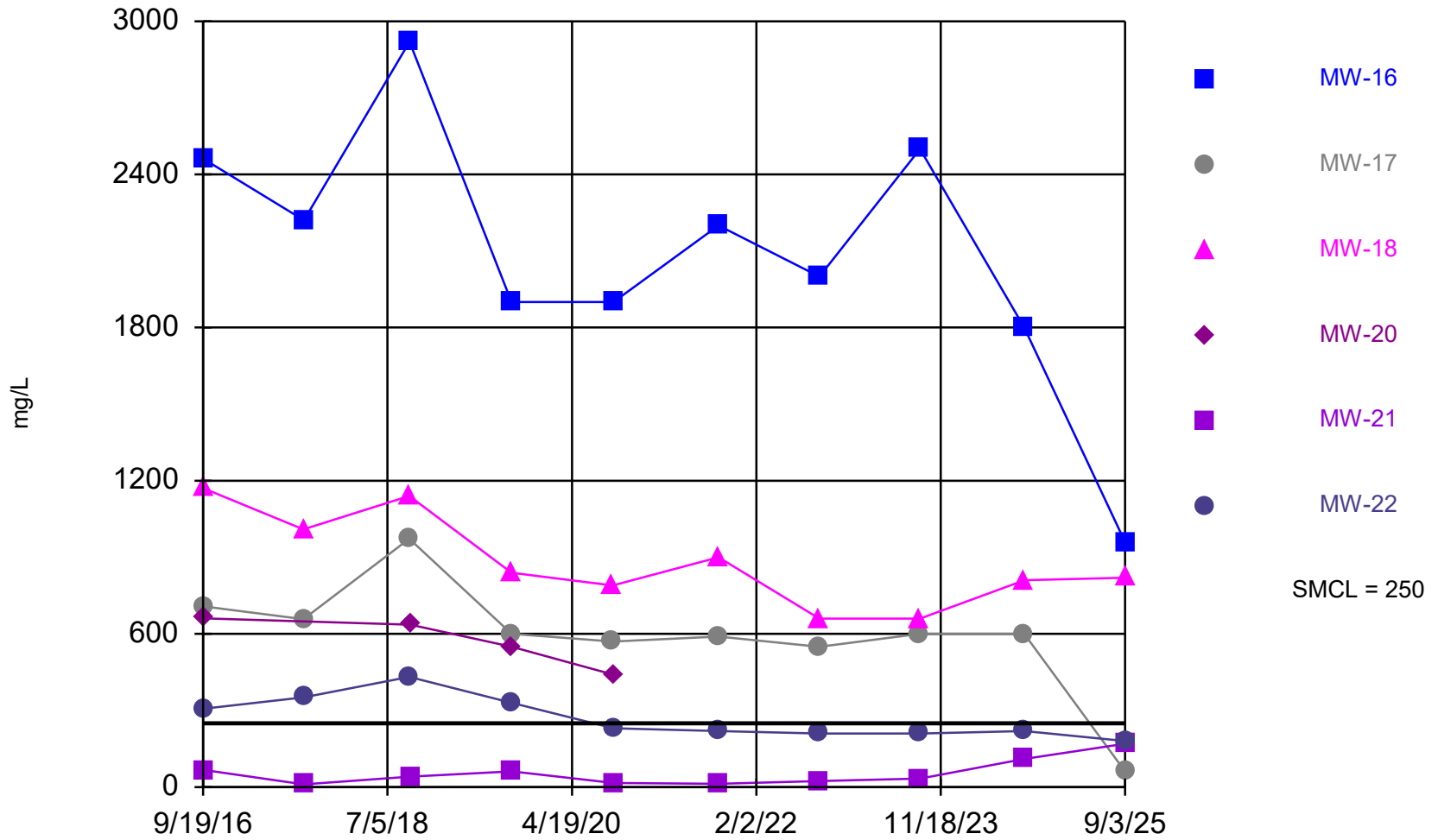
Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:10 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15
9/15/2016			80.6			
9/20/2016						2040
9/21/2016				1170	818	
9/22/2016	1340	1150				
9/10/2017	1180	914			1290	
9/12/2017			25.7	1230		1680
9/20/2018	1360			1050	1340	1140
9/24/2018		1110	42.8			
9/18/2019	1000	750	40	1000	1000	
9/19/2019						1200
9/10/2020	1100	650	65			
9/11/2020					840	1400
4/28/2021				910		
9/16/2021				31		
9/17/2021						1500
9/22/2021	1100	710	79			
9/12/2022				840		
9/13/2022	1000	730	75			
9/14/2022						1800
9/6/2023	1200		54			
9/7/2023		700		860		1400
9/10/2024	940	870	46			
9/11/2024				940		1500
9/4/2025	1100	750	13	860		1300

Sulfate



Time Series Analysis Run 1/22/2026 3:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

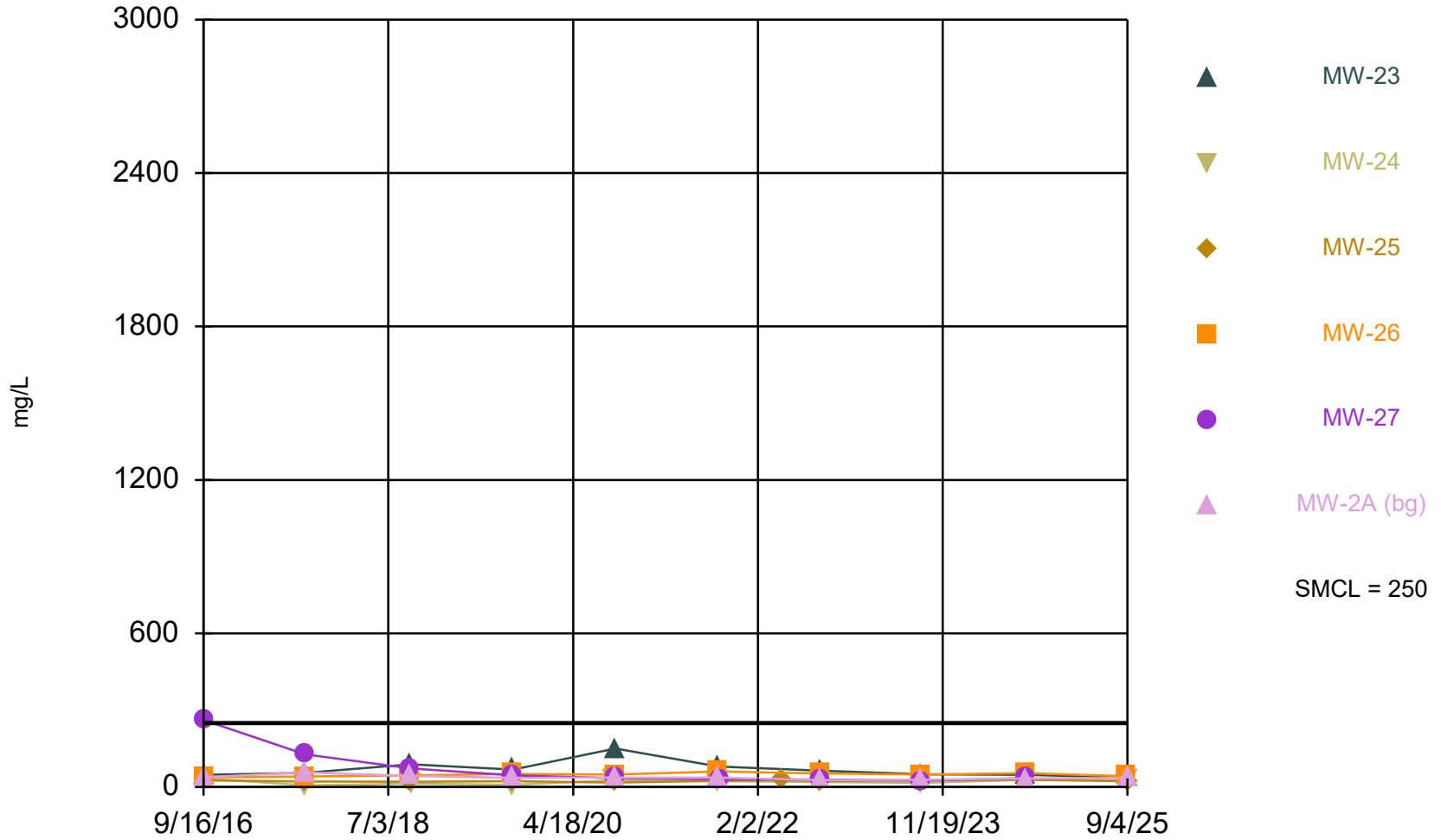
Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:10 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-16	MW-17	MW-18	MW-20	MW-21	MW-22
9/19/2016				661		
9/22/2016	2460	708	1170		66.7	307
9/10/2017		658	1010			
9/11/2017					10.7	352
9/12/2017	2220					
9/20/2018		973	1140			432
9/21/2018	2920					
9/24/2018				636	41.3	
9/18/2019	1900	600	840			
9/19/2019				550	61	330
9/11/2020		570	790			
9/14/2020	1900			440		
9/15/2020					16	230
9/20/2021					13	
9/21/2021	2200	590	900			220
9/14/2022	2000	550	660		24	210
9/6/2023	2500	600	660			
9/7/2023					33	210
9/10/2024	1800	600			110	220
9/11/2024			810			
9/3/2025	960	61	820		170	180

Sulfate



Time Series Analysis Run 1/22/2026 3:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

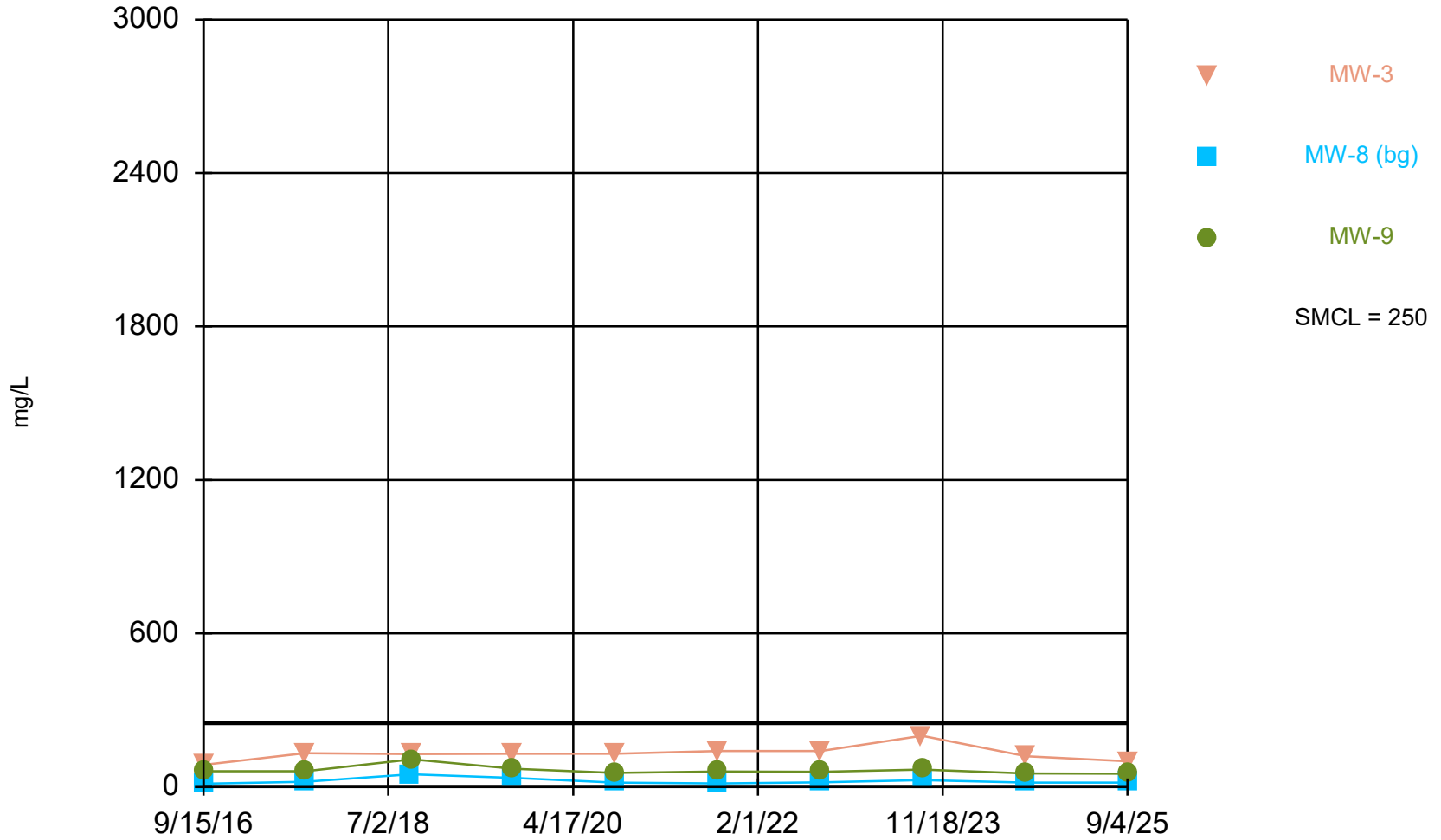
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Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:10 PM View: Deep

Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-23	MW-24	MW-25	MW-26	MW-27	MW-2A (bg)
9/16/2016						37.4
9/20/2016	47.1					
9/21/2016			25.6	37.8		
9/22/2016		33.8			260	
9/8/2017			21.4			56.9
9/11/2017	54.5	6.4		40.8	127	
9/20/2018	88.6		20.3			43.6
9/21/2018				45	72.7	
9/24/2018		12.6				
9/18/2019	68		23			
9/19/2019		8		51	45	35
9/10/2020		26				
9/14/2020			17	48	34	37
9/15/2020	150					
9/15/2021	80					37
9/16/2021		23		60		
9/20/2021					30	
4/29/2022			28			
9/13/2022		19				
9/14/2022	64			53	29	27
9/15/2022			22			
9/6/2023		16			25	
9/7/2023	50		27	49		28
9/10/2024		28		54		
9/11/2024	47		28		34	33
9/3/2025				42		
9/4/2025	37	26	23			35

Sulfate




Time Series Analysis Run 1/22/2026 3:09 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

Time Series

Constituent: Sulfate (mg/L) Analysis Run 1/22/2026 3:11 PM View: Deep
Stoney Point Closed Landfill Client: SCS Engineers Data: StoneyPoint

	MW-3	MW-8 (bg)	MW-9
9/15/2016	86.2	12.7	
9/16/2016			61.7
9/8/2017	132		
9/9/2017		19.9	
9/11/2017			61.7
9/20/2018		49.2	
9/21/2018	129		
9/24/2018			108
9/19/2019	130	35	71
9/10/2020			55
9/11/2020	130	17	
9/15/2021	140		
9/16/2021		14	60
9/13/2022	140		59
9/14/2022		18	
9/6/2023	200		
9/7/2023		27	68
9/10/2024	120		53
9/11/2024		17	
9/4/2025	100	17	52



Appendix H
Rate of Migration Calculations

Horizontal Gradients and Flow Velocity
Stoney Point Closed Landfill/ SCS Engineers Project #25225065.00
September 2025

Flow Path - A						
Sampling Dates	h1 (ft)	h2 (ft)	Δl (ft)	$\Delta h/\Delta l$ (ft/ft)	Assumed Porosity, n	V (ft/d)
September 2-4, 2025	815	790	524	0.048	0.25	0.022

Flow Path - B						
Sampling Dates	h1 (ft)	h2 (ft)	Δl (ft)	$\Delta h/\Delta l$ (ft/ft)	Assumed Porosity, n	V (ft/d)
September 2-4, 2025	811.31	799.20	463	0.026	0.15	0.017

Flow Path - C						
Sampling Dates	h1 (ft)	h2 (ft)	Δl (ft)	$\Delta h/\Delta l$ (ft/ft)	Assumed Porosity, n	V (ft/d)
September 2-4, 2025	805	755	529	0.095	0.15	0.113

Shallow Wells

Well	(cm/sec)	(ft/d)
Shallow Wells		
MW-1	1.38E-05	0.0391
MW-2A	3.39E-06	0.0096
MW-3	3.37E-03	9.5528
MW-12	2.15E-05	0.0609
MW-15	4.10E-05	0.1162
MW-16	3.35E-05	0.0950
Geometric Mean	4.09E-05	0.12

Intermediate Wells		
MW-8	7.86E-06	0.0223
MW-9	1.10E-05	0.0312
MW-11	1.53E-05	0.0434
MW-17	3.43E-03	9.7228
MW-19	1.09E-05	0.0309
Geometric Mean	3.46E-05	0.10
Deep Wells		
MW-10	4.26E-04	1.2076
MW-13	1.92E-06	0.0054
MW-18	3.12E-04	0.8844
Geometric Mean	6.3E-05	0.2

Groundwater flow velocity equation: $V = [K*(\Delta h/\Delta l)] / n$

ft = feet

ft/d = feet per day

K = hydraulic conductivity

n = effective porosity

cm/sec = centimeters per second

V = groundwater flow velocity

h1, h2 = point interpreted groundwater elevation at locations 1 and 2

Δl = distance between location 1 and 2

$\Delta h/\Delta l$ = hydraulic gradient

Notes:

1. See attached figures for flow paths referenced in calculations.

Last revision by:

NLB

Date:

3/5/2026

Checked by:

MDB

Date:

4/29/2026

**Vertical Groundwater Velocities
Stony Point Landfill
Permit No. 57-SDP-11-90C**

Well Pair			9/2-4/2025					
Shallow Well	Intermediate-Deep Well	Deep Well	Vertical Hydraulic Gradient (feet/foot) ⁽¹⁾	Estimated Porosity	Kh (ft/d) (Geometric Mean of Available Well Data)	Assumed Kv/Kh ⁽⁴⁾	Assumed Kv (ft/d)	Calculated Vertical Velocity (ft/d) ⁽⁵⁾
MW-2A	--	MW-7	-0.088	0.15	0.12	0.1	0.012	7.0E-03
MW-3	MW-8	--	-0.130					1.0E-02
MW-3	--	MW-20	-1.043					8.3E-02
--	MW-8	MW-20	-1.840					1.5E-01
MW-12	MW-11	--	-0.439					3.5E-02
MW-12	--	MW-10	0.213					1.7E-02
--	MW-11	MW-10	0.016					1.3E-03
MW-15	--	MW-13 ⁽²⁾	-0.466					3.7E-02
MW-16	MW-17	--	NC ⁽³⁾					--
MW-16	--	MW-18 ⁽²⁾	NC ⁽³⁾					--
--	MW-17 ⁽²⁾	MW-18 ⁽²⁾	NC ⁽²⁾					--
MW-21	MW-22 ⁽²⁾	--	0.293					2.3E-02
MW-21	--	MW-23	0.017					1.3E-03
--	MW-22 ⁽²⁾	MW-23	-0.295					2.4E-02
MW-25	MW-26	--	-0.126					1.0E-02
MW-25	--	MW-27	-0.157					1.3E-02
--	MW-26	MW-27	-0.188					1.5E-02

Notes:

NC: Not Calculated

(1) A negative value indicates a downward gradient; a positive value indicates an upward gradient.

(2) Some wells at the site are at least intermittently artesian. If one well in a pair was artesian during a measurement event,

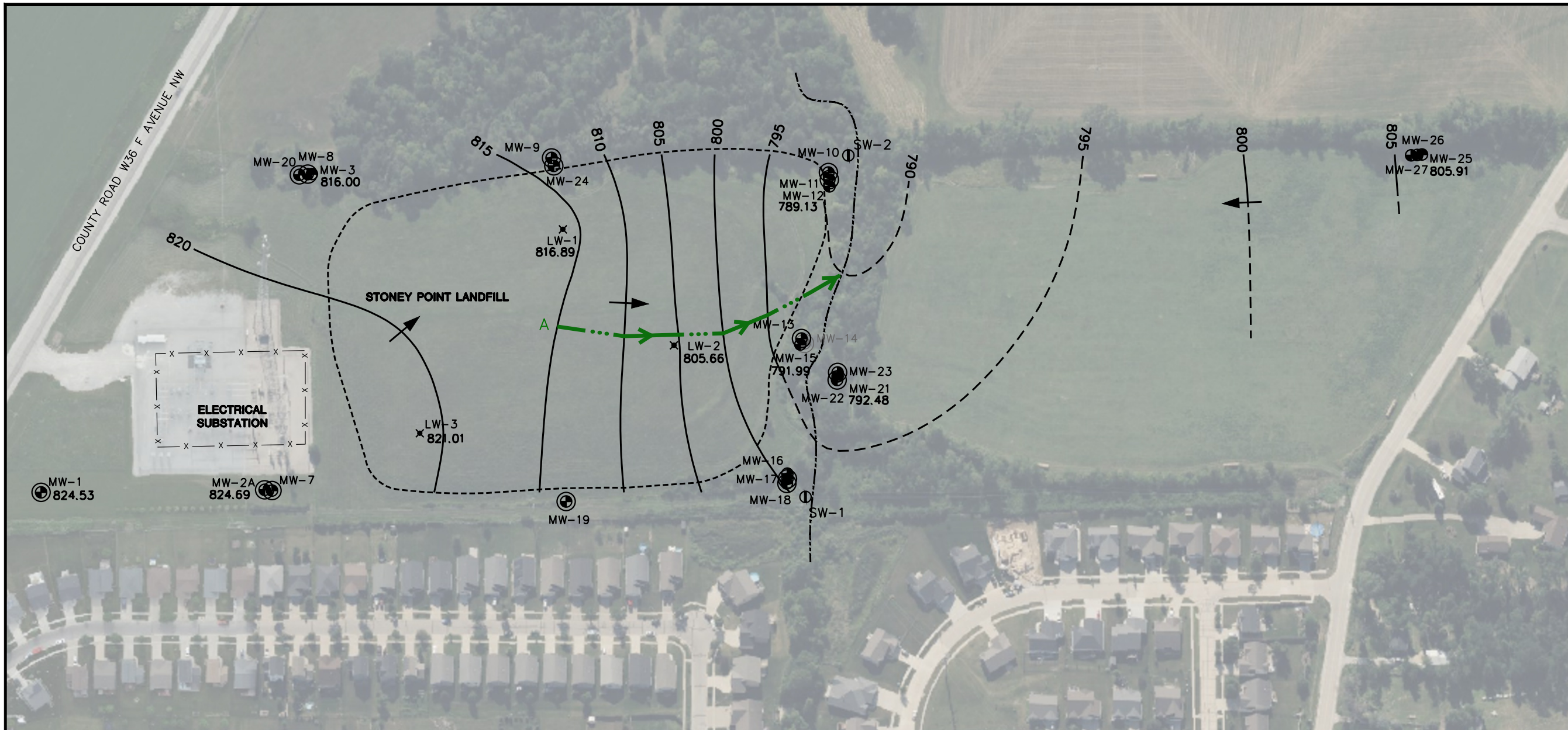
(3) MW-16 was found to be damaged in September 2025, including damage to the PVC casing that may affect the

(4) Assumed Kv/Kh of 0.1 based on USGS Water-Resources Investigations Report 97-4261, Hydrogeology and Water Quality in the Cedar

(5) Calculated Vertical Velocity = (Vertical Hydraulic Gradient) * Kv / estimated porosity

table by: NLB, 3/5/2026

QC'd by: MDB, 4/29/2026

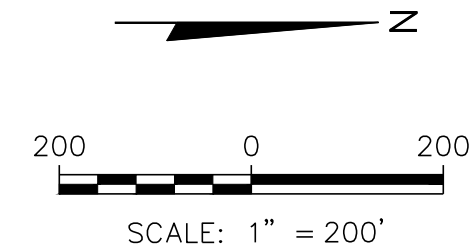


LEGEND

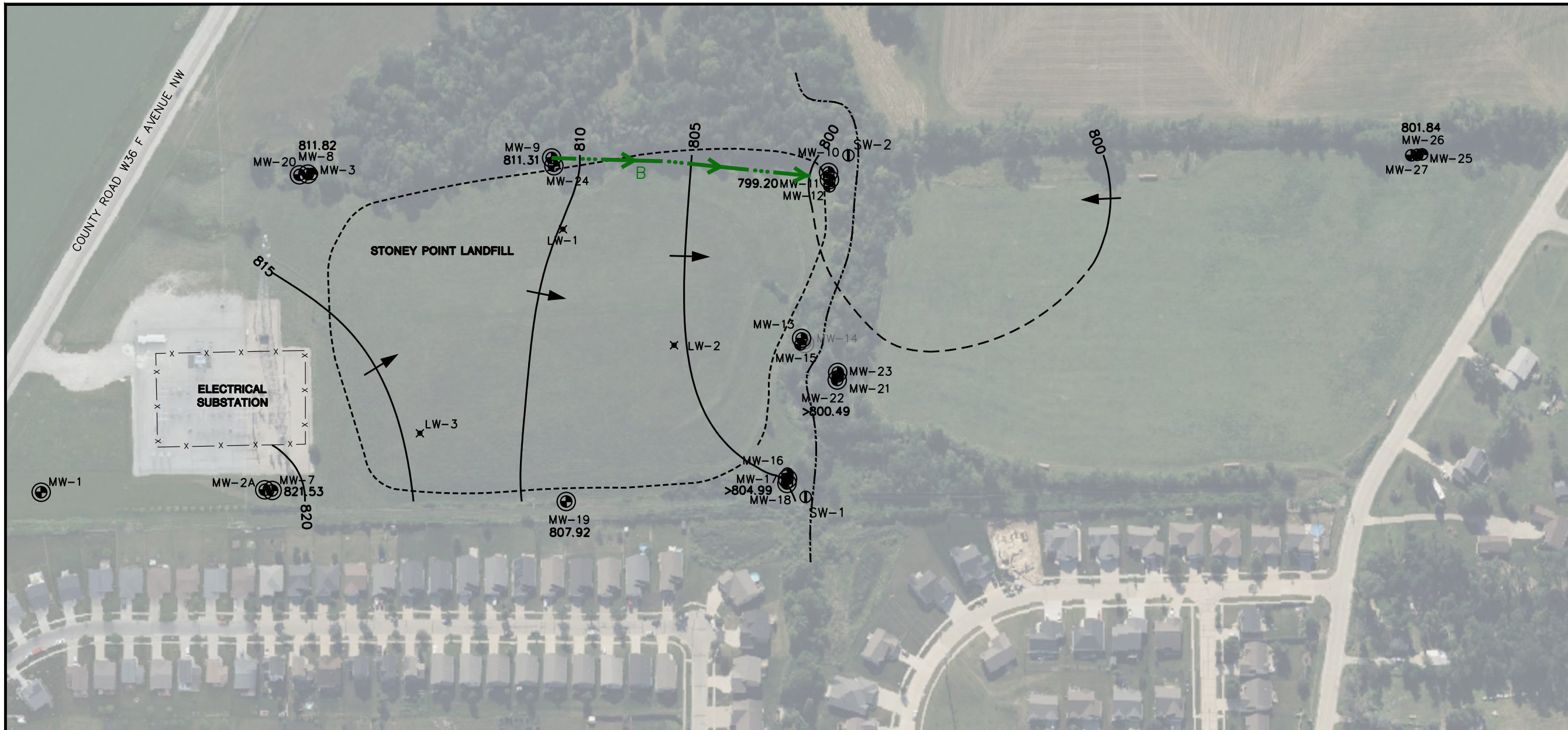
-----	APPROXIMATE LIMITS OF ASH DISPOSAL	-----	WATER TABLE CONTOUR LINE 5-FOOT CONTOUR INTERVAL (DASHED WHERE INFERRED)
⊕	MONITORING WELL	→	APPROXIMATE GROUNDWATER FLOW DIRECTION
⊕	PIEZOMETER	-----	UNNAMED INTERMITTENT STREAM
×	LEACHATE HEAD WELL	→	FLOW PATH FOR VELOCITY CALCULATION (SEE TABLE 4)
Ⓢ	SURFACE WATER MONITORING STAFF GAUGE		
823.72	WATER TABLE ELEVATION		
[820.52]	LEACHATE WELL WATER ELEVATION		

NOTES:

1. MONITORING WELL LOCATIONS ARE APPROXIMATE.
2. WATER LEVELS MEASURED ON SEPTEMBER 2-4, 2025.
3. MW-16 WAS DAMAGED AND NOT USED TO CONTOUR FOR SEPTEMBER 2025 EVENT.



PROJECT NO.	25225065.00	DRAWN BY:	RVG/SB	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	ALLIANT ENERGY INTERSTATE POWER AND LIGHT	SITE STONEY POINT LANDFILL CEDAR RAPIDS, IOWA	WATER TABLE CONTOUR MAP SEPTEMBER 2-4, 2025	FIGURE
DRAWN:	09/25/2025	CHECKED BY:	NLB					4
REVISED:	04/28/2026	APPROVED BY:						

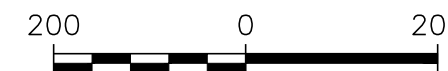


LEGEND

- APPROXIMATE LIMITS OF ASH DISPOSAL
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- ✕ LEACHATE HEAD WELL
- Ⓢ SURFACE WATER MONITORING STAFF GAUGE
- 821.45 POTENTIOMETRIC SURFACE ELEVATION
- POTENTIOMETRIC SURFACE GROUNDWATER CONTOUR LINE
2-FOOT CONTOUR INTERVAL
(DASHED WHERE INFERRED)
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- UNNAMED INTERMITTENT STREAM
- ➔➔➔ FLOW PATH FOR VELOCITY CALCULATION
(SEE TABLE 4)

NOTES:

1. MONITORING WELL LOCATIONS ARE APPROXIMATE.
2. WATER LEVELS MEASURED ON SEPTEMBER 2-4, 2025.



SCALE: 1" = 200'

PROJECT NO.	25225065.00	DRAWN BY:	RVG/SB
DRAWN:	09/25/2025	CHECKED BY:	NLB
REVISED:	04/28/2026	APPROVED BY:	

ENGINEER

SCS ENGINEERS
2830 DAIRY DRIVE MADISON, WI 53718-6751
PHONE: (608) 224-2830

CLIENT

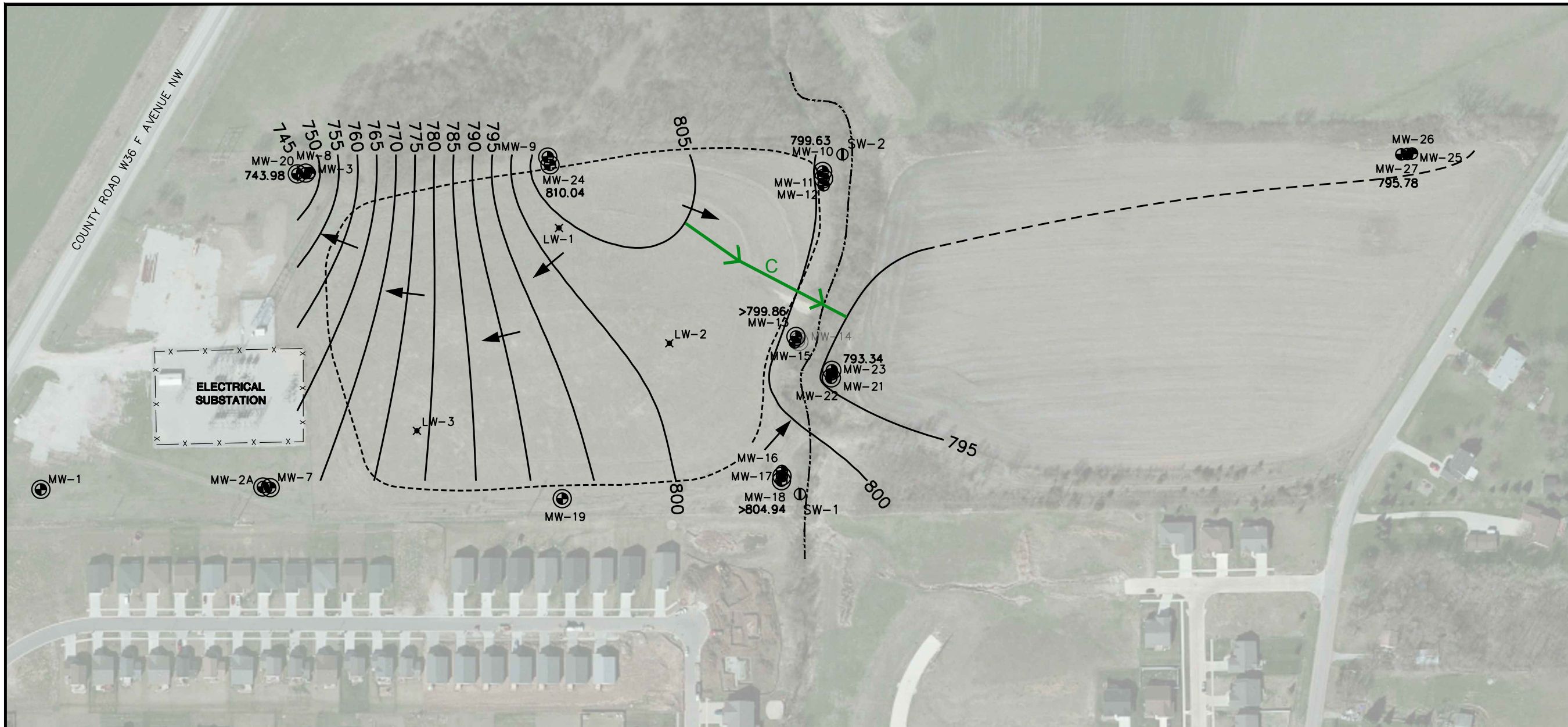
ALLIANT ENERGY INTERSTATE POWER AND LIGHT

SITE

STONEY POINT LANDFILL
CEDAR RAPIDS, IOWA

INTERMEDIATE POTENTIOMETRIC
GROUNDWATER SURFACE CONTOUR MAP
SEPTEMBER 2-4, 2025

FIGURE
6

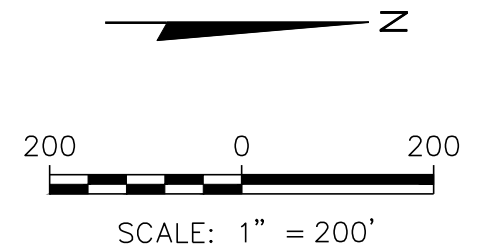


LEGEND


- APPROXIMATE LIMITS OF ASH DISPOSAL
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- ✕ LEACHATE HEAD WELL
- ① SURFACE WATER MONITORING STAFF GAUGE
- 804.54** POTENTIOMETRIC SURFACE ELEVATION
- POTENTIOMETRIC SURFACE GROUNDWATER CONTOUR LINE
5-FOOT CONTOUR INTERVAL
(DASHED WHERE INFERRED)
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- UNNAMED INTERMITTENT STREAM

NOTES:

1. MONITORING WELL LOCATIONS ARE APPROXIMATE.
2. WATER LEVELS MEASURED ON SEPTEMBER 2-4, 2025.



PROJECT NO.	25225065.00	DRAWN BY:	RVG	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT ALLIANT ENERGY INTERSTATE POWER AND LIGHT	SITE STONEY POINT LANDFILL CEDAR RAPIDS, IOWA	DEEP POTENTIOMETRIC GROUNDWATER SURFACE CONTOUR MAP SEPTEMBER 2-4, 2025	FIGURE
DRAWN:	09/25/2025	CHECKED BY:	NLB (10/16/2025)					8
REVISED:	10/21/2025	APPROVED BY:						



Appendix I
Receptor Survey

2024 Receptor Survey Results

Search Results included wells within 1 mile in GeoSam and PWTS, and additional well locations provided by Linn County Public Health. Wells listed as retired or non-supply wells (e.g. heat pump or monitoring wells) are not shown.

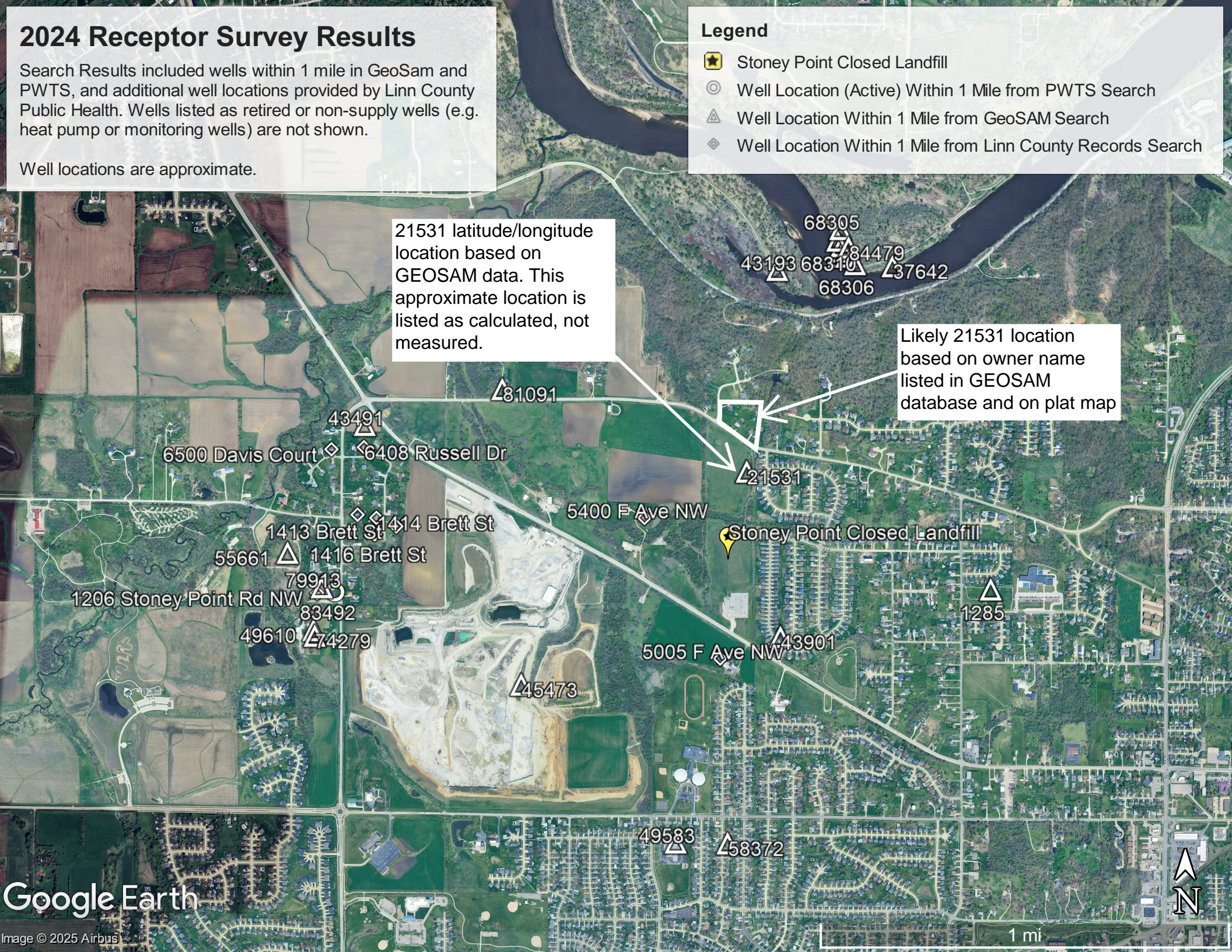
Well locations are approximate.

Legend

- ★ Stoney Point Closed Landfill
- ⊙ Well Location (Active) Within 1 Mile from PWTS Search
- △ Well Location Within 1 Mile from GeoSAM Search
- ◇ Well Location Within 1 Mile from Linn County Records Search

21531 latitude/longitude location based on GEOSAM data. This approximate location is listed as calculated, not measured.

Likely 21531 location based on owner name listed in GEOSAM database and on plat map



GeoSAM and PWTS Search: Within 1 Mile of Stoney Point Closed Landfill, October 2024

wnumber	1285	21531	30422	32726	32727	37817	37642
FID	293	19697	26618	28174	28175	34864	35868
owner_name	Prochaska, Richard	Washburn, Dean	Stoney Point	Ccr Landfill - Stoney Point	Ccr Landfill - Stoney Point	Cedar Rapids, City Of	Cedar Rapids, City Of
alt_name			MONITOR WELL	STP PZ-1	STP PZ-2	#10	SEMINOLE 9
pwts_id	0	0	0	0	0	0	0
pwts_well_status							
well_type	Private	Private	Monitor	Monitor	Monitor	Municipal, Public Supply	Municipal, Public Supply
project	Unknown	Unknown	Unknown	Unknown	Unknown	Source Water Protection	Source Water Protection
operator	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
county	Linn	Linn	Linn	Linn	Linn	Linn	Linn
quad	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa
township	T83N	T83N	T83N	T83N	T83N	T83N	T83N
range	R8W	R8W	R8W	R8W	R8W	R8W	R8W
section	24	23	23	23	23	13	13
quarter	NE SW NW	NE NE NE NE	NE SE SE	NE SE NE SW NE	NE SE SE NW SE	SW NW SE	SW NE SW
latitude	41.986441	41.990583	41.986611	41.988203	41.986842	41.998182	41.997852
longitude	-91.724305	-91.735833	-91.736677	-91.736969	-91.736981	-91.731419	-91.728856
ll_acc	Calc. +/- 470 ft.	Calc. +/- 230 ft.	Calc. +/- 470 ft.	Calc. +/- 115 ft.	Calc. +/- 115 ft.	Meas. +/- 115 ft.	Meas. +/- 115 ft.
utm_x	605673	604712	604648	604621	604623	605065	605278
utm_y	4649058	4649504	4649062	4649238	4649087	4650353	4650319
elevation	840	824	829	825	829	709	719
elev_acc	Topo Map Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft
field_loca	0	0	0	0	0	0	0
site_type	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole
position	Unknown	Unknown	Unknown	Unknown	Unknown	Valley	Valley
dpth_br	80	10	15	0	10	0	0
dpth_well	415	181	302	37	11	69	58
dpth_tot	415	181	302	37	11	71	59
drill_comp	Nolan, Charles D.	Novotny & Son Well Drilling Co	Latta & Sons Well Drilling	Wendling Quarries	Wendling Quarries	Layne Western - Ia.	Layne Western - Ia.
icon	3	2	3	3	3	0	0
drl_date	31-Dec-39	30-Jan-64	31-Dec-88	12-Jun-91	13-Jun-91	14-Jan-71	13-Jan-71
aquifer			Silurian/ Devonian	Quaternary	Quaternary	Alluvium	Alluvium
smppl_type	Chips	Chips	Chips	Chips	Chips		
log_drlr	1	0	1	1	1	0	0
log_strp	1	1	1	1	1	0	0
log_geop	0	0	0	0	0	0	0
log_other	0	0	0	0	0	0	0
HLINK	https://www.iihr.uiowa.edu/igs/geosam/well/1285/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/21531/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/30422/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/32726/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/32727/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/37817/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/37642/general-information
x	-10210702.93	-10211986.22	-10212080.17	-10212112.68	-10212114.01	-10211494.85	-10211209.54
y	5158948.587948513	5159568.927481258	5158974.047733796	5159212.4744343385	5159008.643	5160707.120357053	5160657.689497853

GeoSAM and PWTS Search: Within 1 Mile of Stoney Point Closed Landfill, October 2024

wnumber	43193	43491	43901	45473	49583	49610	55661
FID	38064	38357	41361	41615	45275	45333	51233
owner_name	Cedar Rapids, City Of	Thompson, Paul	Coonrod, Virgel	Thompson, Paul	Siefken, Keith	Larson, Roger	Thompson, Paul
alt_name	#55						
pwts_id	0	0	0	0	0	0	0
pwts_well_status							
well_type	Municipal, Public Supply	Private	Private	Private	Private	Private	Private
project	Source Water Protection	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
operator	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
county	Linn	Linn	Linn	Linn	Linn	Linn	Linn
quad	Cedar Rapids South, Iowa	Fairfax, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Fairfax, Iowa	Fairfax, Iowa
township	T83N	T83N	T83N	T83N	T83N	T83N	T83N
range	R8W	R8W	R8W	R8W	R8W	R8W	R8W
section	13	23	24	23	26	22	22
quarter	SW NW SW	NW NW NW	SW NW NW	SW NE SE	NE NE NW	SE NE NE	NE SE
latitude	41.99772	41.992232	41.984777	41.983087	41.97756	41.984996	41.987724
longitude	-91.734349	-91.75396	-91.734251	-91.746509	-91.739204	-91.756372	-91.757602
ll_acc	Meas. +/- 230 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 930 ft.
utm_x	604823	603208	604852	603840	604454	603019	602913
utm_y	4650298	4649665	4648861	4648658	4648053	4648858	4649160
elevation	719	758	848	787	850	780	780
elev_acc	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 50 ft	Digital Elevation Model Accurate to 10 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 10 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft
field_loca	0	0	0	0	0	0	0
site_type	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole
position	Valley	Unknown	Unknown	Unknown	Upland	Upland	Upland
dpth_br	0	0	63	35	35	7	34
dpth_well	75	200	325	300	200	237	183
dpth_tot	75	200	325	300	200	237	183
drill_comp	Unknown	Greiner Well Service, Inc.	Greiner Well Service, Inc.	Freese Well Drilling	Greiner Well Service, Inc.	Greiner Well Service, Inc.	Greiner Well Service, Inc.
icon	0	0	1	1	1	1	1
drl_date	31-Dec-95	2-Feb-95	17-Jul-94	31-Jul-94	1-Jun-98	4-Jan-99	13-Mar-00
aquifer	Alluvium						
smppl_type							
log_drlr	0	0	1	1	1	1	1
log_strp	0	0	0	0	0	0	0
log_geop	0	0	0	0	0	0	0
log_other	0	1	0	0	0	0	0
HLINK	https://www.iihr.uiowa.edu/igs/geosam/well/43193/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/43491/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/43901/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/45473/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/49583/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/49610/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/55661/general-information
x	-10211821.02	-10214004.11	-10211810.11	-10213174.66	-10212361.48	-10214272.61	-10214409.53
y	5160637.917225945	5159815.906336956	5158699.385169004	5158446.295262546	5157618.633	5158732.183	5159140.736125356

GeoSAM and PWTS Search: Within 1 Mile of Stoney Point Closed Landfill, October 2024

wnumber	58372	68305	68306	68307	68308	68309	68310
FID	54267	64044	64045	64046	64047	64048	64049
owner_name	Truman School	Cedar Rapids, City Of	Cedar Rapids, City Of	Cedar Rapids, City Of	Cedar Rapids, City Of	Cedar Rapids, City Of	Cedar Rapids, City Of
alt_name		C7-A	C7-B	C7-C	C7-D	C7-E	C7-F
pwts_id	0	0	0	0	0	0	0
pwts_well_status							
well_type	Test (water only)	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
project	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
operator	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
county	Linn	Linn	Linn	Linn	Linn	Linn	Linn
quad	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa
township	T83N	T83N	T83N	T83N	T83N	T83N	T83N
range	R8W	R8W	R8W	R8W	R8W	R8W	R8W
section	26	13	13	13	13	13	13
quarter	NE NE NE	SW SW NW	SW SW NW	SW SW NW	SW SW NW	SW SW NW	SW SW NW
latitude	41.977533	41.999164	41.997924	41.99819	41.998372	41.998562	41.998758
longitude	-91.736754	-91.731346	-91.73064	-91.731053	-91.731398	-91.73129	-91.731494
ll_acc	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.
utm_x	604657	605069	605130	605095	605066	605075	605058
utm_y	4648053	4650462	4650325	4650354	4650374	4650395	4650417
elevation	854	719	719	719	719	719	720
elev_acc	Digital Elevation Model Accurate to 20 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 5 ft
field_loca	0	0	0	0	0	0	0
site_type	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole
position	Unknown	Valley	Valley	Valley	Valley	Valley	Valley
dpth_br	55	63	72	72	74	68	65
dpth_well	304	67	73	74	76	69	67
dpth_tot	304	67	73	74	76	69	67
drill_comp	Shawver Well Co.	International Water Consultants, Inc.	International Water Consultants, Inc.	International Water Consultants, Inc.	International Water Consultants, Inc.	International Water Consultants, Inc.	International Water Consultants, Inc.
icon	1	1	1	1	1	1	1
drl_date	27-Nov-03	20-Mar-06	21-Mar-06	24-Mar-06	24-Mar-06	25-Mar-06	26-Mar-06
aquifer	Alluvium						
smppl_type	Chips						
log_drlr	1	1	1	1	1	1	1
log_strp	0	0	0	0	0	0	0
log_geop	0	0	0	0	0	0	0
log_other	0	0	0	0	0	0	0
HLINK	https://www.iihr.uiowa.edu/igs/geosam/well/58372/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/68305/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/68306/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/68307/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/68308/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/68309/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/68310/general-information
x	-10212088.74	-10211486.73	-10211408.13	-10211454.11	-10211492.52	-10211480.49	-10211503.2
y	5157614.59	5160854.216127144	5160668.474390724	5160708.318684103	5160735.580665002	5160764.0410579145	5160793.400289126

GeoSAM and PWTS Search: Within 1 Mile of Stoney Point Closed Landfill, October 2024

wnumber	68385	73280	74279	79913	81091	83492	84473
FID	64124	68555	69901	75662	77531	79451	79945
owner_name	Gardner, Frank	Cedar Rapids Community School District	Robinson, Bill	Morgan Creek Maintenance	Beardsley, Tom	Barker Lemar Engineering Consultants	Fox, Ian
alt_name		Taft Middle School		Well #1; Fife, Darren; Barker Lemar Engineering Consultants			
pwts_id	2099396	2146323	0	0	0	2188983	2189049
pwts_well_status	Retired	Active Logged				Active Water Test	Active Logged
well_type	Private	Heat Pump	Private	Unknown	Private	Private	Heat Pump
project	Unknown	Unknown	Unknown				
operator	Unknown	Unknown	Unknown				
county	Linn	Linn	Linn	Linn	Linn	Linn	Linn
quad	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Fairfax, Iowa	Fairfax, Iowa	Cedar Rapids South, Iowa	Fairfax, Iowa	Cedar Rapids South, Iowa
township	T83N	T83N	T83N	T83N	T83N	T83N	T83N
range	R8W	R8W	R8W	R8W	R8W	R8W	R8W
section	13	23	22	22	14	22	25
quarter	SE SE SW	SE SE NW	SE NE NE	NE SE SE	SW SE SE	NE SE SE	NW NE NW
latitude	41.9937	41.980801	41.984797	41.986516	41.9935	41.986332	41.977273
longitude	-91.73183	-91.739403	-91.756315	-91.755971	-91.747419	-91.755348	-91.729763
ll_acc	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 470 ft.	Calc. +/- 230 ft.	Calc. +/- 115 ft.
utm_x	605038	604432	603024	603050	603747	603102	605236
utm_y	4649855	4648413	4648836	4649028	4649813	4649008	4648033
elevation	883	831	769	800	777	802	830
elev_acc	Digital Elevation Model Accurate to 50 ft	Digital Elevation Model Accurate to 20 ft	Digital Elevation Model Accurate to 5 ft	Digital Elevation Model Accurate to 10 ft	Digital Elevation Model Accurate to 10 ft	Topo Map Accurate to 2 ft	Topo Map Accurate to 2 ft
field_loca	0	0	0	0	0	0	0
site_type	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole
position	Upland	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
dpth_br	72	14	20	10	20	12	0
dpth_well	300	300	250	45	216	220	50
dpth_tot	300	300	250	45	216	220	50
drill_comp	Greiner Well Service, Inc.	Shawver Well Co.	Greiner Well Service, Inc.	Shawver Well Co.	Greiner Well Service, Inc.	Gingerich Well Co.	Geothermal Eco Options, Inc.
icon	1	1	1	1	1	1	1
drl_date	26-Apr-04	28-Feb-10	28-Jul-09	25-Aug-14	1-Apr-13	8-Sep-16	6-Jul-16
aquifer							
smppl_type						Chips	
log_drlr	1	1	1	1	1	1	1
log_strp	0	0	0	0	0	0	0
log_geop	0	0	0	0	0	0	0
log_other	0	0	0	0	0	0	0
HLINK	https://www.iihr.uiowa.edu/igs/geosam/well/68385/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/73280/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/74279/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/79913/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/81091/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/83492/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/84473/general-information
x	-10211540.61	-10212383.63	-10214266.26	-10214227.97	-10213275.96	-10214158.62	-10211310.51
y	5160035.781314348	5158103.960669545	5158702.380356053	5158959.820198347	5160005.825296969	5158932.263769008	5157575.657384857

GeoSAM and PWTS Search: Within 1 Mile of Stoney Point Closed Landfill, October 2024

wnumber	84479	95929	96023	96185	96186
FID	80003	91530	91830	91995	91996
owner_name	Cedar Rapids, City of	Jackson Elementary	Jackson Elementary	Jackson Elementary	Jackson Elementary
alt_name	HCW-5	injection well #1; NE	injection well #2; SE	supply well #1; NW	supply well #2; SW
pwts_id	0	0	0	0	0
pwts_well_status					
well_type	Public Supply	Heat Pump	Heat Pump	Heat Pump	Heat Pump
project					
operator					
county	Linn	Linn	Linn	Linn	Linn
quad	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa	Cedar Rapids South, Iowa
township	T83N	T83N	T83N	T83N	T83N
range	R8W	R8W	R8W	R8W	R8W
section	13	24	24	24	24
quarter	SW NW NE	NE SW SE	NE SW SE	NE SW SE	NE SW SE
latitude	41.998505	41.986925	41.986361	41.986783	41.986331
longitude	-91.730949	-91.721075	-91.720836	-91.723153	-91.723169
ll_acc	Maps/Air Photos +/- 20 m.	GPS	GPS	GPS	GPS
utm_x	605103	605940	605961	605768	605768
utm_y	4650389	4649116	4649053	4649097	4649047
elevation	726	868	853	842	846
elev_acc	Topo Map Accurate to 2 ft	Topo Map Accurate to 2 ft	Topo Map Accurate to 2 ft	Topo Map Accurate to 2 ft	Topo Map Accurate to 2 ft
field_loc	0	0	0	0	0
site_type	Drilled hole	Drilled hole	Drilled hole	Drilled hole	Drilled hole
position	Unknown	Unknown	Unknown	Unknown	Unknown
dpth_br	69	59	57	43	41
dpth_well	69	522	525	520	520
dpth_tot	69	522	525	520	520
drill_comp	Layne Christensen Company	Shawver Well Co.	Shawver Well Co.	Shawver Well Co.	Shawver Well Co.
icon	1	1	1	1	1
drl_date	18-Nov-16	30-Nov-21	11-Jan-22	31-Mar-22	6-May-22
aquifer					
smppl_type		Chips	Chips	Chips	Chips
log_drlr	1	1	1	1	1
log_strp	0	0	0	0	0
log_geop	0	0	0	0	0
log_other	0	0	0	0	0
Hlink	https://www.iihr.uiowa.edu/igs/geosam/well/84479/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/95929/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/96023/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/96185/general-information	https://www.iihr.uiowa.edu/igs/geosam/well/96186/general-information
x	-10211442.53	-10210343.36	-10210316.76	-10210574.69	-10210576.47
y	5160755.502931121	5159021.073633617	5158936.606896609	5158999.807115166	5158932.114006026

Linn County Health Department Records Search: Wells Within 1 Mile of Stoney Point Closed Landfill, October 2024

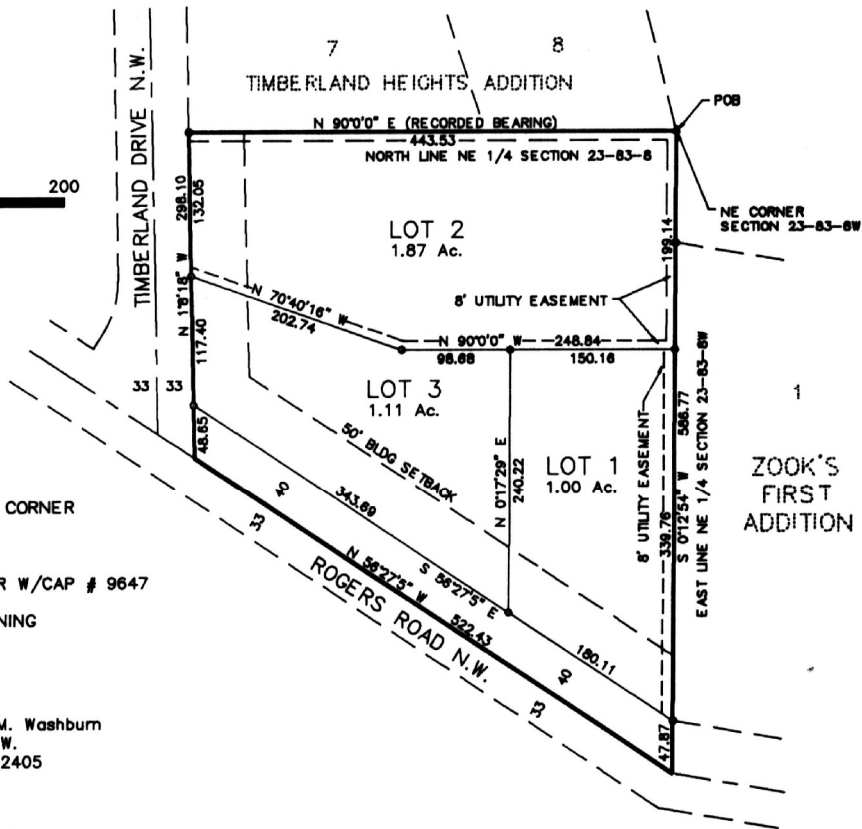
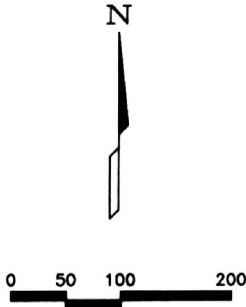
Address	City	State	Zip Code
5005 F Ave NW	Cedar Rapids	IA	52405
5400 F Ave NW	Cedar Rapids	IA	52405
1206 Stoney Point Rd NW	Cedar Rapids	IA	52405
1413 Stoney Point Rd NW	Cedar Rapids	IA	52405
1416 Brett St	Cedar Rapids	IA	52405
1414 Brett St	Cedar Rapids	IA	52405
1413 Brett St	Cedar Rapids	IA	52405
6408 Russell Dr	Cedar Rapids	IA	52405
6500 Davis Court	Cedar Rapids	IA	52405

WASHBURN'S FIRST ADDITION TO LINN COUNTY, IOWA

LEGAL DESCRIPTION

A part of the NE 1/4 of Section 23-T83N-R8W of the 5th P.M., Linn County, Iowa described as follows:

Beginning at the NE corner of said NE 1/4; thence S00°12'54"W along the east line of said NE 1/4, 586.77 feet to the centerline of Rogers Road N.W.; thence N56°27'05"W along said centerline, 522.43 feet to the southerly extension of the east right-of-way line of Timberland Drive N.W.; thence N01°08'18"W along said extension and said east right-of-way line, 298.10 feet to the south line of Timberland Heights Addition to said County; thence N90°00'00"E along said south line, 443.53 feet to the point-of-beginning, containing 4.46 acres which includes 0.48 acres of road right-of-way. (The south line of said Addition is recorded to bear N90°00'00"E.)



- ▲ FOUND SECTION CORNER
 - FOUND IRON PIN
 - SET 1/2" REBAR W/CAP # 9647
- POB POINT OF BEGINNING

OWNER:
Dean C. and Donna M. Washburn
4080 Rogers Road N.W.
Cedar Rapids, Iowa 52405

ENGINEER:
Ament Engineering, Inc.
P.O. Box 125
Hiawatha, Iowa 5223340

NOTE: All measurements in feet and decimals thereof.

I hereby declare that this plat, survey or report was made by me or under my direct personal supervision and that I am a duly registered Land Surveyor under the laws of the State of Iowa.
Signed _____ Date 12/09/88

Stephen Michael Brain, L.S. Iowa Reg No. 9647



Project No: 88305-2A	FINAL PLAT	AMENT ENGINEERING, INC. HIAWATHA, IOWA	Drawn: DAH	12-4-88	Book: 50
	WASHBURN'S FIRST ADDITION		Checked:		Scale: 1" = 100'
			Reviewed:		

PHYSICAL DETAIL OF WATER WELL

(To be filled out and signed by driller)

TO: Linn County Health Department

FROM: Freese
(Driller)

SUBJECT: Stephen R Powell
(Property Owner)

Legal Description of Well Location:

Twp: 83 Range: 8 Section: 23

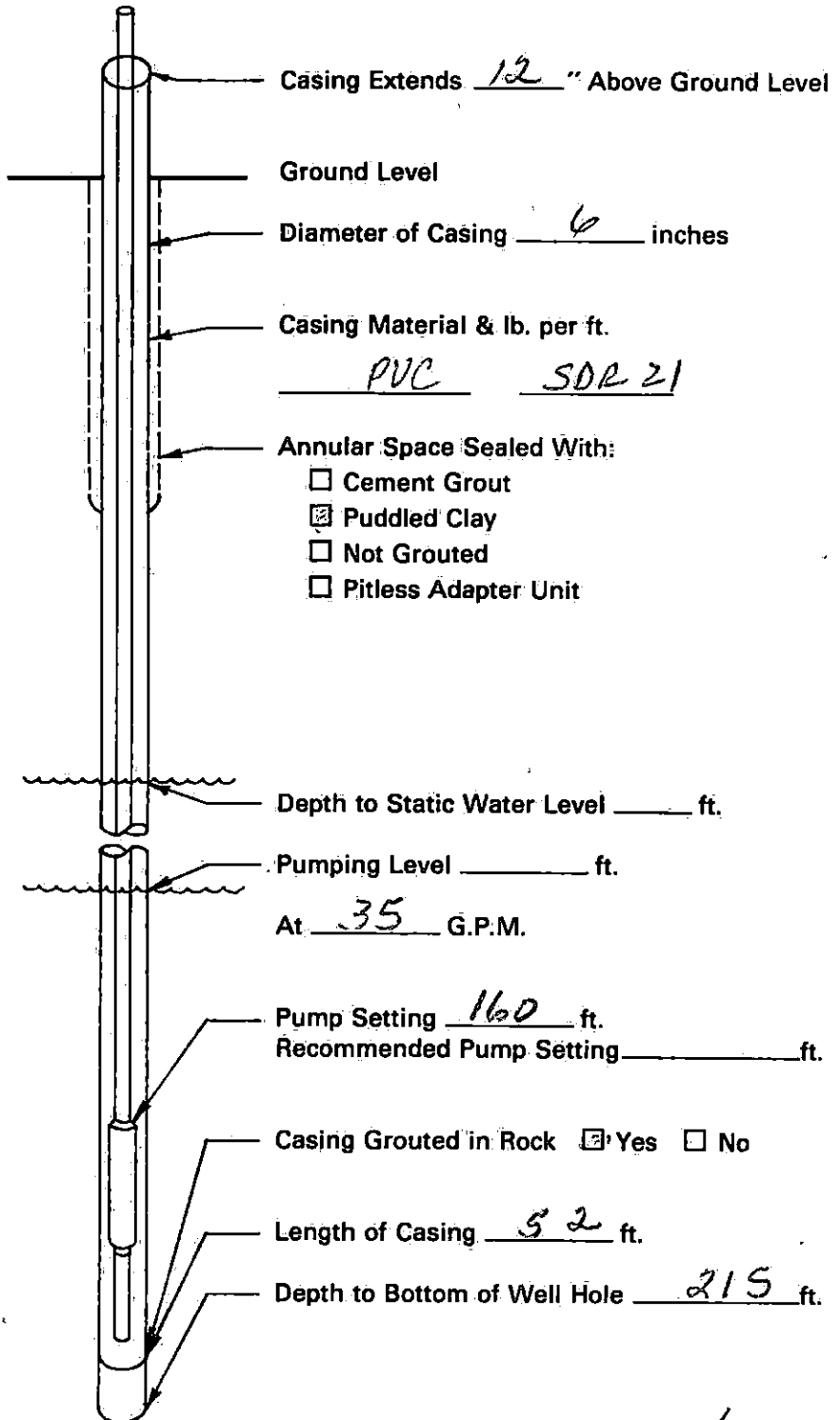
Addition: _____

Lot #: _____

NOTE:

If casing not grouted in rock, describe measures taken to avoid contamination of water supply:

If all information not given, indicate items that are not applicable.



I certify the above information is true and correct.

Rich Freese Driller
RECEIVED
153

AUG 21 1990

NOTE: If this form is not applicable, please contact this department for further instructions.

LINN COUNTY HEALTH DEPT.

BY AB