Annual Groundwater Monitoring and Corrective Action Report

Indiana Michigan Power Company

Rockport Plant

Bottom Ash Pond CCR Management Units

Rockport, Indiana

January 31, 2022

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INDIANA MICHIGAN POWER℠

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Table of Contents

Abbreviations:
ASD - Alternate Source Demonstration
CCR – Coal Combustion Residual
GWPS - Groundwater protection standards
SSI - Statistically Significant Increase
SSL - Statistically Significant Level

I Overview

This *Annual Groundwater Monitoring and Corrective Action Report* (Report) has been prepared to report the status of activities for the preceding year at the bottom ash pond (BAP) CCR unit at Indiana Michigan Power Company's (I&M) Rockport Plant. The Indiana Michigan Power Company is wholly owned subsidiary of American Electric Power Company (AEP). The USEPA's CCR rules require that the Annual Groundwater Monitoring and Corrective Action Report covering the previous year's groundwater monitoring activities be posted to the operating record no later than January 31, 2022.

In general, the following activities were completed:

- At the start of the current annual reporting period, the BAP was operating under the assessment monitoring program.
- At the end of the current annual reporting period, the BAP was operating under the assessment monitoring program.
- The BAP initiated assessment monitoring on April 15, 2018.
- Data and statistical analysis not available for the previous reporting period indicates that during the November 2020 semi-annual sampling event:
    - The following Appendix III parameters exceeded background concentrations:
        - Boron at wells MW-1002, MW-1603S, MW-1604I, MW-1604S, and MW-1605S
        - Chloride at wells MW-1002, MW-1602D, MW-1602I, MW-1604S, and MW-1605S
        - Fluoride at wells MW-1002, MW-1603S, and MW-1604S
        - pH at wells MW-1604D, MW-1604I, MW-1604S, and MW-1605S
        - Sulfate at wells MW-1002, MW-1602I, MW-1603S, MW-1604I, MW-1604S, MW-1605I, and MW-1605S
        - TDS at wells MW-1002, MW-1602I, and MW-1605S
    - There were no exceedances of Appendix IV parameters
- During the May 2021 semi-annual sampling event:
    - The following Appendix III parameters exceeded background concentrations:
        - Boron at wells MW-1002, MW-1603S, MW-1604I, MW-1604S, and MW-1605S
        - Calcium at well MW-1606D
        - Chloride at wells MW-1002, MW-1602D, MW-1604S, and MW-1605S
        - Fluoride at wells MW-1002, MW-1603S, and MW-1604S

        - pH at wells MW-1603D, MW-1604D, MW-1604S, MW-1605D, MW-1605I, MW-1605S, MW-1606D, MW-1606I, and MW-1606S
        - Sulfate at wells MW-1002, MW-1602I, MW-1603S, MW-1604S, MW-1605I, and MW-1605S
        - TDS at well MW-1605S
    - There were no exceedances of Appendix IV parameters
- The November 2021 semi-annual sampling event data are still undergoing statistical analysis.
- Because either there were no Appendix IV SSLs or because an alternate source for the Appendix IV SSL(s) was identified, but no alternative source for the Appendix III SSI(s) was identified, the BAP remained in assessment monitoring.

The major components of this annual report, to the extent applicable at this time, are presented in sections that follow:

- A map/aerial photograph showing the BAP CCR management units, all CCR groundwater monitoring wells, and monitoring well identification numbers (Attached as **Appendix 1**);
- All of the monitoring data collected, including the rate and direction of groundwater flow, plus a summary showing the number of samples collected per monitoring well, the dates the samples were collected, and whether the sample was collected as part of background, detection monitoring, or assessment monitoring programs (Attached as **Appendix 1**);
- Statistical comparison of monitoring data to determine if there have been significant increase over background concentrations (Attached as **Appendix 2**, where applicable);
- A discussion of whether any alternate source demonstrations were performed, and the conclusions (Attached as **Appendix 3**, where applicable);
- A summary of any transition between monitoring programs, or an alternate monitoring frequency, for example the date and circumstances for transitioning from detection monitoring to assessment monitoring, in addition to identifying the constituents detected at a statistically significant increase over background concentrations (Notices Attached as **Appendix 4**, where applicable);
- Identification of any monitoring wells that were installed, or decommissioned during the preceding year, along with a statement as to why that happened (Attached as **Appendix 5**, where applicable); and
- Other information required to be included in the annual report such as alternate source demonstration or assessment of corrective measures, if applicable.

In addition, this report summarizes key actions completed, and where applicable, describes any problems encountered and actions taken to resolve those problems. The report includes a projection of key activities for the upcoming year.

II. Groundwater Monitoring Well Locations and Identification Numbers

The CCR monitoring wells are listed as follows (S=shallow, I=intermediate, and D=deep):

- Twelve Upgradient Wells: MW-1600(S, I, D); MW-1601(S, I, D); MW-1701(S, I, D); and MW-1702(S, I, D).
- Fifteen Downgradient Wells: MW-1002, MW-1602(I, D); MW-1603(S, I, D); MW-1604(S, I, D); MW-1605(S, I, D); and MW-1606(S, I, D).

Rather than separate groundwater monitoring systems for the East and West bottom ash ponds, the groundwater network monitors both of the bottom ash ponds as a single unit as allowed by 40 CFR 257.91(d). A figure that depicts the PE-certified groundwater monitoring network, the monitoring well locations, and their corresponding identification numbers is provided in **Appendix 1**.

III. Monitoring Wells Installed or Decommissioned

There were no new groundwater monitoring wells installed or decommissioned during 2021. The network design, as summarized in the *Groundwater Monitoring Network Design Report* (2019) and as posted at the CCR website for Rockport Plant's Bottom Ash Ponds, did not change. That design report, viewable on the AEP CCR web site, discusses the facility location, the hydrogeological setting, the hydrostratigraphic units, the uppermost aquifer, downgradient monitoring well locations and the upgradient monitoring well locations.

IV. Groundwater Quality Data and Static Water Elevation Data, With Flow Rates and Flow Directions

Appendix 1 contains tables showing the groundwater quality data collected during the establishment of background quality, detection and assessment monitoring. Static water elevation data from each monitoring event also are shown in **Appendix 1**, along with the groundwater velocity calculations, groundwater flow direction and potentiometric maps developed after each sampling event.

The sampling event conducted in February 2021 satisfies the requirement of 257.95(b).

V. Groundwater Quality Data Statistical Analysis

Appendix 2 contains the statistical analysis reports. Data not available from the previous reporting period indicates that during the second semi-annual sampling event in November 2020:

- The following Appendix III parameters exceeded background concentrations:
  - Boron at wells MW-1002, MW-1603S, MW-1604I, MW-1604S, and MW-1605S
  - Chloride at wells MW-1002, MW-1602D, MW-1602I, MW-1604S, and MW-1605S
  - Fluoride at wells MW-1002, MW-1603S, and MW-1604S
  - pH at MW-1604D, MW-1604I, MW-1604S, and MW-1605S

        - Sulfate at wells MW-1002, MW-1602I, MW-1603S, MW-1604I, MW-1604S, MW-1605I, and MW-1605S
        - TDS at wells MW-1002, MW-1602I, and MW-1605S
    - There were no exceedances of Appendix IV parameters
- During the May 2021 semi-annual sampling event:
    - The following Appendix III parameters exceeded background concentrations:
        - Boron at wells MW-1002, MW-1603S, MW-1604I, MW-1604S, and MW-1605S
        - Calcium at well MW-1606D
        - Chloride at wells MW-1002, MW-1602D, MW-1604S, and MW-1605S
        - Fluoride at wells MW-1002, MW-1603S, and MW-1604S
        - pH at wells MW-1603D, MW-1604D, MW-1604S, MW-1605D, MW-1605I, MW-1605S, MW-1606D, MW-1606I, and MW-1606S
        - Sulfate at wells MW-1002, MW-1602I, MW-1603S, MW-1604S, MW-1605I, and MW-1605S
        - TDS at well MW-1605S
    - There were no exceedances of Appendix IV parameters

The statistical analysis of the second semi-annual sampling event will be completed within 90 days of finishing the sampling and analysis, which took place in November 2021.

VI. Alternate Source Demonstrations

An alternate source demonstration (ASD) investigation relative to past Appendix III SSIs was completed in April 2018. That demonstration concluded that the groundwater quality and Appendix III indicator parameter SSIs identified in the statistical evaluations were potentially influenced by a release from the BAP to the groundwater. An alternate source could not be identified. Therefore, an alternate source demonstration investigation was not undertaken for the 2020 and 2021 exceedances of Appendix III parameters.

Because either there were no SSLs or because an alternate source for the SSL(s) was identified, but no alternate source for the SSI(s) was identified, the BAP remained in assessment monitoring.

VII. Discussion About Transition Between Monitoring Requirements or Alternate Monitoring Frequency

Because an alternate source for the Appendix III SSIs could not be identified, an assessment monitoring program was established at Rockport's BAP complex on April 15, 2018. Assessment monitoring continued through the 2021calendar year.

The BAP will remain in assessment monitoring unless all Appendix III and IV parameters are below background values for two consecutive monitoring events (return to detection monitoring)

as prescribed by 40 CFR 257.95(e). If an Appendix IV parameter exceeds its respective GWPS due to a release from the BAP, an assessment of corrective measures will be undertaken as required by 40 CFR 257.96.

Regarding defining an alternate monitoring frequency, the groundwater velocity and monitoring well production are high enough at this facility that no modification to the semiannual assessment monitoring frequency is needed.

VIII. Other Information Required

The BAP progressed from detection monitoring to its current status in assessment monitoring in 2018. As required by the CCR assessment monitoring rules in 40 CFR 257.95 (b) and (d)(1), sampling all CCR wells for the required Appendix III and IV parameters was completed in 2021.

IX. Description of Any Problems Encountered and Actions Taken

No significant problems were encountered. The low flow sampling effort went smoothly and the schedule was met to support the annual groundwater report preparation covering the year 2021 groundwater monitoring activities.

X. A Projection of Key Activities for the Upcoming Year

Key activities for 2022 include:

- Complete the statistical analysis of the second semi-annual sampling event that took place in November 2021.
- Conduct the annual groundwater sampling event for all constituents listed in Appendix III and IV as required by 40 CFR 257.95(b).
- Perform statistical analysis on the sampling results for the Appendix III and detected Appendix IV parameters as required by 40 CFR 257.95(d)(1).
- Determine applicable GWPSs for the Appendix IV parameters, and compare the results of Appendix IV concentrations in downgradient wells to the GWPSs.
- If no GWPSs are exceeded, the BAP will remain in assessment monitoring.
- If a GWPS is exceeded in a downgradient well the following activities will be undertaken:
    - Characterize the nature and extent of a release by installing additional GW wells as necessary, estimate the quantity of material released and the concentrations of Appendix IV parameters that are in the material, and sample all wells to characterize the nature and extent of the release.
    - If contaminants have migrated off-site, notify all persons who own land that directly overlies any part of the plume of contamination.
    - Perform an alternate source demonstration (ASD) investigating whether the exceedance was caused by a source other than the BAP or was a result of an

error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality.

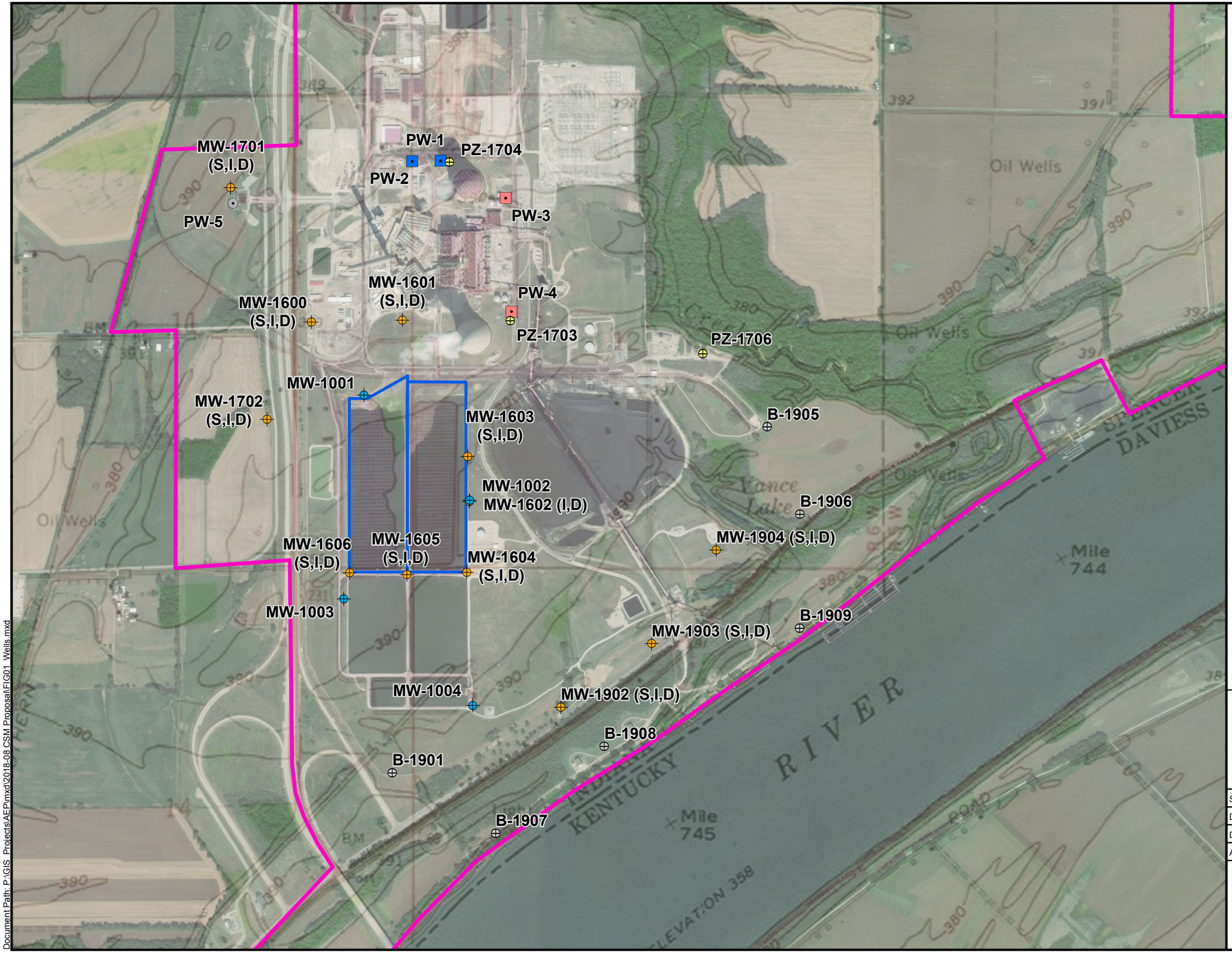
- If a successful ASD cannot be made, initiate an assessment of corrective measures and follow all of those requirements.

- Respond to any new data received in light of what the CCR rule requires.
- Prepare the next annual groundwater report.

APPENDIX 1 – Groundwater Data Tables and Figures

Figures and Tables follow, showing the groundwater monitoring network, data collected and the rate and direction of groundwater flow. The dates that the samples were collected and it also is shown whether the data were collected under background, detection, or assessment monitoring.

Groundwater Monitoring Network Figure



Legend

- Piezometer
- BAP - USWAG Monitoring Well
- BAP - CCR Monitoring Well
- Landfill - Monitoring Well
- Landfill - CCR Monitoring Well
- Landfill - Augmentation Water Supply Well
- Landfill - Dust Control Water Supply Well
- Plant - Potable Water Supply Well
- Plant - Fire Water Supply Well
- Groundwater Screening Location (Abandoned)
- Inactive Water Supply Well
- Property Boundary
- Bottom Ash Ponds (BAP)

Data Sources

Date of Photography: 2016
Source of Photography: U.S. Department of Agriculture, National Agriculture Imagery Program (NAIP)

USGS Rockport and Lewisport (IN/KY) Topographic Quadrangle Maps

0 500 1,000
SCALE IN FEET

WELL LOCATIONS

AEP - ROCKPORT, IN

PROJECT NUMBER: 7362182624

SCALE	1" = 1,600'
DATE	2/6/2019
DRAWN BY	TMR
APPROVED BY	ALD

FIG. 1

wood.
2456 Fortune Drive, Suite 100
Lexington, Kentucky 40509
Phone: (859) 255-3308

Document Path: P:\GIS Projects\AEP\mxd\2018-08 CSM Proposal\FIG01 Wells.mxd

Groundwater Data Tables

Table 1 - Groundwater Data Summary: MW-1002
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	1.77	33.2	58.9	1.05	7.0	149	390
7/18/2016	Background	1.70	32.3	57.8	1.03	7.1	154	385
9/20/2016	Background	1.57	40.1	54.0	0.98	6.8	164	399
11/15/2016	Background	1.67	49.4	53.0	0.87	6.5	178	405
1/9/2017	Background	1.57	55.6	59.0	0.74	6.3	190	440
3/7/2017	Background	1.32	76.3	81.1	0.73	6.5	228	503
5/8/2017	Background	1.04	78.1	75.5	0.73	6.7	215	498
7/17/2017	Background	1.28	50.0	59.9	0.73	6.7	184	430
10/3/2017	Detection	1.63	36.4	54.4	0.80	7.1	166	403
12/12/2017	Detection	--	--	52.5	0.97	7.3	177	--
1/11/2018	Detection	1.71	--	53.2	0.91	7.0	183	--
6/5/2018	Assessment	1.66	40.8	51.4	1.02	8.1	165	425
8/15/2018	Assessment	1.88	41.3	57.4	1.02	7.2	182	453
5/24/2019	Assessment	1.61	32.9	55.9	1.13	7.4	169	435
6/27/2019	Assessment	1.82	36.0	57.1	1.10	7.1	173	425
9/12/2019	Assessment	1.78	33.5	54.7	1.03	6.7	178	418
3/11/2020	Assessment	--	--	--	0.84	6.5	--	--
5/20/2020	Assessment	0.778	42.0	35.9	0.85	5.9	97.5	295
11/16/2020	Assessment	1.43	66.7	99.4	0.84	6.2	217	551
2/2/2021	Assessment	1.56	63.3	81.7	0.97	6.8	250	560
5/26/2021	Assessment	1.11	37.3	50.1	1.01	7.1	149	370
11/9/2021	Assessment	1.70	42.2	59.4	0.96	6.8	169	450

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1002
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.05	0.32	12.3	< 0.005 U1	0.02	0.3	0.830	0.1116	1.05	0.034	0.002	< 0.002 U1	1.92	0.08 J1	0.02 J1
7/18/2016	Background	0.05	0.29	14.2	< 0.005 U1	0.03	0.7	0.931	0.741	1.03	0.026	0.016	< 0.002 U1	2.54	0.1 J1	0.03 J1
9/20/2016	Background	0.04 J1	0.24	18.5	< 0.005 U1	0.03	0.1	0.699	1.377	0.98	0.01 J1	0.004	< 0.002 U1	3.38	0.1 J1	0.02 J1
11/15/2016	Background	0.06	0.24	23.5	0.006 J1	0.15	0.075	0.664	0.686	0.87	0.031	0.010	< 0.002 U1	2.47	0.08 J1	0.04 J1
1/9/2017	Background	0.05 J1	0.25	26.9	< 0.005 U1	0.04	0.078	0.692	1.052	0.74	0.022	0.006	< 0.002 U1	3.16	0.06 J1	0.03 J1
3/7/2017	Background	0.05	0.20	35.6	< 0.005 U1	0.07	0.331	0.568	0.483	0.73	0.163	0.003	< 0.002 U1	2.69	0.1 J1	0.04 J1
5/8/2017	Background	0.05	0.24	26.8	0.020	0.05	0.177	0.526	0.2337	0.73	0.037	0.009	0.005	2.69	0.1	0.050
7/17/2017	Background	0.04 J1	0.21	21.4	< 0.004 U1	0.03	0.107	0.665	3.029	0.73	0.02 J1	0.009	< 0.002 U1	3.05	0.07 J1	0.04 J1
6/5/2018	Assessment	0.07	0.44	12.7	0.004	0.03	0.04	0.768	0.569	1.02	0.031	0.011	< 0.002 U1	6.19	0.06	0.03
8/15/2018	Assessment	0.05 J1	0.28	13.8	< 0.004 U1	0.03	0.281	0.820	--	1.02	0.02 J1	< 0.0002 U1	--	7.86	0.07 J1	0.03 J1
5/24/2019	Assessment	0.05 J1	0.23	13.3	< 0.02 U1	0.03 J1	0.09 J1	0.754	0.1886	1.13	< 0.02 U1	< 0.009 U1	< 0.002 U1	8.67	0.05 J1	< 0.1 U1
6/27/2019	Assessment	0.05 J1	0.24	14.8	< 0.02 U1	0.03 J1	0.07 J1	0.805	0.682	1.10	0.03 J1	< 0.009 U1	< 0.002 U1	10.4	0.08 J1	< 0.1 U1
9/12/2019	Assessment	0.05 J1	0.22	15.8	< 0.02 U1	0.02 J1	0.469	0.635	0.384	1.03	< 0.05 U1	0.00438	< 0.002 U1	10.2	0.06 J1	< 0.1 U1
3/11/2020	Assessment	< 0.02 U1	0.21	15.9	< 0.02 U1	0.02 J1	< 0.04 U1	0.608	1.9572	0.84	< 0.05 U1	0.00425	< 0.002 U1	8.51	0.1 J1	< 0.1 U1
5/20/2020	Assessment	0.04 J1	0.19	16.0	< 0.02 U1	0.04 J1	0.09 J1	0.342	0.999	0.85	< 0.05 U1	0.00316	< 0.002 U1	9.65	0.07 J1	< 0.1 U1
11/16/2020	Assessment	0.04 J1	0.25	17.9	< 0.02 U1	0.02 J1	0.212	0.480	1.892	0.84	< 0.05 U1	0.00562	< 0.002 U1	4.95	0.09 J1	< 0.1 U1
2/2/2021	Assessment	0.05 J1	0.27	15.9	< 0.02 U1	0.02 J1	0.05 J1	0.533	0.22	0.97	< 0.05 U1	0.00548	< 0.002 U1	6.42	0.07 J1	< 0.1 U1
5/26/2021	Assessment	0.04 J1	0.25	12.4	< 0.007 U1	0.019 J1	0.21	0.308	0.75	1.01	< 0.05 U1	0.00379	< 0.002 U1	5.3	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	0.04 J1	0.26	12.5	< 0.007 U1	0.020	0.20	0.500	3.01	0.96	< 0.05 U1	0.00502	< 0.002 U1	6.7	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1600D
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/8/2016	Background	0.016	83.5	31.5	0.20	7.6	43.9	444
7/19/2016	Background	0.015	74.9	32.2	0.22	7.2	44.9	413
9/19/2016	Background	< 0.002 U1	85.6	30.9	0.20	7.1	38.7	385
11/16/2016	Background	0.024	83.1	30.9	0.17	7.2	35.9	415
1/10/2017	Background	0.014	87.8	31.0	0.22	7.1	42.5	384
3/7/2017	Background	0.036	84.9	31.6	0.19	7.0	39.2	374
5/8/2017	Background	0.037	89.1	32.6	0.21	6.5	38.4	402
7/17/2017	Background	0.038	73.6	31.6	0.17	6.5	40.1	389
10/3/2017	Detection	0.040	78.3	31.5	0.20	7.3	40.8	398
12/12/2017	Detection	--	--	31.5	0.2	7.1	42.5	--
6/4/2018	Assessment	0.079	83.5	32.8	0.23	7.3	39.2	397
8/14/2018	Assessment	0.085	86.6	31.5	0.24	7.1	41.0	400
5/20/2019	Assessment	< 0.02 U1	76.5	31.4	0.21	7.2	43.0	394
6/25/2019	Assessment	0.03 J1	84.2	31.0	0.22	7.1	37.7	407
9/10/2019	Assessment	< 0.02 U1	90.1	31.1	0.23	7.2	41.3	404
3/11/2020	Assessment	--	--	--	0.21	6.9	--	--
5/21/2020	Assessment	< 0.02 U1	91.1	31.0	0.24	7.6	43.3	396
11/12/2020	Assessment	< 0.02 U1	81.5	30.3	0.25	6.6	42.4	398
2/3/2021	Assessment	< 0.02 U1	78.9	30.2	0.25	6.8	41.3	390
5/27/2021	Assessment	0.017 J1	93.2	29.6	0.25	7.6	41.6	400
11/10/2021	Assessment	0.016 J1	79.3	28.7	0.23	6.6	40.0	380

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1600D
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/8/2016	Background	0.01 J1	15.4	940	0.006 J1	< 0.004 U1	0.2	0.109	2.148	0.20	0.095	< 0.0002 U1	< 0.002 U1	1.94	< 0.03 U1	0.01 J1
7/19/2016	Background	0.02 J1	17.2	946	0.005 J1	< 0.004 U1	0.2	0.094	1.615	0.22	0.021	0.020	< 0.002 U1	2.19	0.05 J1	0.054
9/19/2016	Background	0.01 J1	15.1	910	< 0.005 U1	< 0.004 U1	0.9	0.071	1.636	0.20	0.020	0.011	< 0.002 U1	1.75	< 0.03 U1	0.01 J1
11/16/2016	Background	< 0.01 U1	15.8	997	< 0.005 U1	< 0.004 U1	0.128	0.085	1.402	0.17	0.064	0.008	< 0.002 U1	1.79	0.04 J1	< 0.01 U1
1/10/2017	Background	< 0.01 U1	15.2	877	< 0.005 U1	< 0.004 U1	0.115	0.100	2.265	0.22	0.053	0.009	< 0.002 U1	1.65	< 0.03 U1	< 0.01 U1
3/7/2017	Background	< 0.01 U1	16.2	986	< 0.005 U1	< 0.004 U1	0.427	0.081	1.322	0.19	0.038	0.008	< 0.002 U1	1.78	0.05 J1	< 0.01 U1
5/8/2017	Background	0.05	15.9	914	0.020	0.02	0.170	0.096	1.104	0.21	0.073	0.006	0.005	1.64	0.1	0.050
7/17/2017	Background	0.03 J1	15.0	817	0.004 J1	< 0.005 U1	0.180	0.112	2.223	0.17	0.076	0.009	< 0.002 U1	1.56	0.04 J1	< 0.01 U1
6/4/2018	Assessment	0.02 J1	13.8	766	0.01 J1	0.02 J1	0.112	0.297	0.833	0.23	0.102	0.009	< 0.002 U1	1.62	< 0.03 U1	0.02 J1
8/14/2018	Assessment	< 0.01 U1	15.1	840	< 0.004 U1	< 0.005 U1	0.073	0.079	2.858	0.24	0.023	0.004	--	1.62	< 0.03 U1	< 0.01 U1
5/20/2019	Assessment	< 0.02 U1	20.3	873	< 0.02 U1	0.08	0.274	0.176	1.948	0.21	0.238	< 0.009 U1	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
6/25/2019	Assessment	< 0.02 U1	16.6	867	< 0.02 U1	< 0.01 U1	0.1 J1	0.146	1.121	0.22	0.135	0.01 J1	< 0.002 U1	2 J1	0.05 J1	< 0.1 U1
9/10/2019	Assessment	< 0.02 U1	16.1	884	< 0.02 U1	< 0.01 U1	0.2 J1	0.132	1.621	0.23	0.1 J1	0.00627	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
3/11/2020	Assessment	< 0.02 U1	15.3	880	< 0.02 U1	< 0.01 U1	0.2 J1	0.081	2.377	0.21	< 0.05 U1	0.00573	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
5/21/2020	Assessment	< 0.02 U1	25.3	882	< 0.02 U1	< 0.01 U1	0.1 J1	0.090	1.462	0.24	0.06 J1	0.00535	< 0.002 U1	2 J1	0.06 J1	< 0.1 U1
11/12/2020	Assessment	< 0.02 U1	15.8	828	< 0.02 U1	< 0.01 U1	0.2 J1	0.072	1.593	0.25	< 0.05 U1	0.0057	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
2/3/2021	Assessment	< 0.02 U1	16.0	869	< 0.02 U1	< 0.01 U1	0.264	0.070	2.96	0.25	< 0.05 U1	0.00548	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
5/27/2021	Assessment	0.05 J1	19.2	851	0.067	0.043	2.05	0.756	1.18	0.25	1.34	0.00669	< 0.002 U1	1.9	0.17 J1	< 0.04 U1
11/10/2021	Assessment	< 0.02 U1	17.8	788	< 0.007 U1	< 0.004 U1	0.27	0.092	1.21	0.23	0.07 J1	0.00545	< 0.002 U1	3.1	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1600I
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/8/2016	Background	0.019	79.2	33.5	0.23	--	52.2	442
7/19/2016	Background	0.019	76.0	26.7	0.23	7.3	55.3	423
9/19/2016	Background	0.004 J1	77.6	24.9	0.21	7.2	48.4	404
11/16/2016	Background	0.031	76.0	24.5	0.17	7.2	44.5	408
1/10/2017	Background	0.016	76.5	23.7	0.19	7.1	45.8	394
3/7/2017	Background	0.049	75.5	26.4	0.20	7.2	49.2	392
5/8/2017	Background	0.033	80.2	25.0	0.22	6.8	48.5	406
7/17/2017	Background	0.046	71.5	24.4	0.17	9.3	48.0	398
10/3/2017	Detection	0.051	71.1	24.4	0.21	7.3	50.7	400
12/12/2017	Detection	--	--	24.7	0.21	--	52.4	--
6/4/2018	Assessment	0.046	72.8	25.4	0.24	7.5	50	396
8/14/2018	Assessment	0.057	78.6	25.6	0.25	7.1	50.3	426
5/21/2019	Assessment	0.03 J1	71.0	25.4	0.22	7.3	52.8	411
6/25/2019	Assessment	0.02 J1	76.0	25.0	0.23	7.1	46.7	401
9/10/2019	Assessment	0.02 J1	81.1	25.6	0.24	7.2	50.8	404
3/11/2020	Assessment	--	--	--	0.22	6.9	--	--
5/21/2020	Assessment	0.02 J1	82.5	25.7	0.25	7.1	51.8	406
11/12/2020	Assessment	< 0.02 U1	72.7	24.6	0.26	6.7	49.9	392
2/3/2021	Assessment	< 0.02 U1	72.9	25.1	0.26	6.7	49.8	397
5/27/2021	Assessment	0.04 J1	73.2	25.4	0.26	7.7	50.4	410
11/10/2021	Assessment	0.019 J1	70.0	25.7	0.24	7.2	49.0	380

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1600I
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/8/2016	Background	0.05 J1	15.9	832	< 0.005 U1	0.005 J1	0.4	1.27	7.25	0.23	0.107	0.003	< 0.002 U1	1.68	< 0.03 U1	0.02 J1
7/19/2016	Background	0.03 J1	17.9	805	< 0.005 U1	< 0.004 U1	0.3	1.38	1.902	0.23	0.099	0.010	< 0.002 U1	1.83	0.03 J1	< 0.01 U1
9/19/2016	Background	0.03 J1	16.0	778	< 0.005 U1	0.01 J1	0.2	1.13	1.55	0.21	0.037	0.010	< 0.002 U1	1.89	0.06 J1	0.065
11/16/2016	Background	0.03 J1	16.3	801	< 0.005 U1	0.01 J1	0.081	1.14	2.47	0.17	0.01 J1	0.013	< 0.002 U1	1.63	< 0.03 U1	0.02 J1
1/10/2017	Background	0.02 J1	16.7	736	< 0.005 U1	< 0.004 U1	0.158	1.20	0.9137	0.19	0.006 J1	0.005	< 0.002 U1	1.64	< 0.03 U1	0.02 J1
3/7/2017	Background	0.02 J1	16.8	696	< 0.005 U1	0.02 J1	0.270	1.13	1.624	0.20	0.054	0.005	< 0.002 U1	1.67	0.04 J1	0.03 J1
5/8/2017	Background	0.05	17.0	762	0.020	0.02	0.095	1.26	1.75	0.22	0.020	0.011	0.005	1.54	0.1	0.050
7/17/2017	Background	0.02 J1	16.8	710	< 0.004 U1	< 0.005 U1	0.397	1.27	2.009	0.17	0.108	0.010	< 0.002 U1	1.53	< 0.03 U1	0.02 J1
6/4/2018	Assessment	0.04 J1	20.6	820	< 0.004 U1	< 0.005 U1	0.061	1.48	2.59	0.24	0.02 J1	0.012	< 0.002 U1	1.98	< 0.03 U1	0.03 J1
8/14/2018	Assessment	0.02 J1	17.5	726	< 0.004 U1	< 0.005 U1	0.087	1.29	1.797	0.25	0.025	0.007	--	1.64	< 0.03 U1	0.03 J1
5/20/2019	Assessment	< 0.02 U1	17.7	737	< 0.02 U1	< 0.01 U1	0.1 J1	1.24	1.988	0.22	< 0.02 U1	< 0.009 U1	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
6/25/2019	Assessment	< 0.02 U1	17.2	740	< 0.02 U1	< 0.01 U1	< 0.04 U1	1.23	2.301	0.23	< 0.02 U1	0.009 J1	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
9/10/2019	Assessment	< 0.02 U1	16.9	722	< 0.02 U1	< 0.01 U1	0.1 J1	1.29	1.22	0.24	< 0.05 U1	0.00720	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
3/11/2020	Assessment	< 0.02 U1	16.8	715	< 0.02 U1	0.01 J1	0.2 J1	1.22	2.22	0.22	0.1 J1	0.00677	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
5/21/2020	Assessment	0.03 J1	17.9	707	< 0.02 U1	0.08	0.205	1.32	2.9	0.25	0.201	0.00643	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
11/12/2020	Assessment	< 0.02 U1	18.9	698	< 0.02 U1	< 0.01 U1	0.216	1.26	1.734	0.26	< 0.05 U1	0.00656	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
2/3/2021	Assessment	< 0.02 U1	18.4	689	< 0.02 U1	< 0.01 U1	0.1 J1	1.20	2.599	0.26	< 0.05 U1	0.00626	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
5/27/2021	Assessment	0.08 J1	24.8	755	0.031 J1	0.075	1.21	2.32	1.81	0.26	1.3	0.00672	< 0.002 U1	2.2	0.15 J1	0.05 J1
11/10/2021	Assessment	0.02 J1	19.6	658	< 0.007 U1	0.005 J1	0.23	1.14	2.41	0.24	0.08 J1	0.00643	< 0.002 U1	1.5	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1600S
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/8/2016	Background	0.045	69.8	32.0	0.33	6.6	75.8	491
7/19/2016	Background	0.045	67.0	29.9	0.34	6.8	76.0	448
9/19/2016	Background	0.026	63.2	21.3	0.32	6.4	60.8	408
11/16/2016	Background	0.061	63.5	27.1	0.28	6.8	54.4	426
1/10/2017	Background	0.034	68.5	23.7	0.32	6.5	53.1	433
3/7/2017	Background	0.129	63.2	25.0	0.37	6.8	58.5	402
5/8/2017	Background	0.039	69.0	26.0	0.40	6.6	54.6	427
7/17/2017	Background	0.068	58.0	18.0	0.36	9.5	41.0	393
10/3/2017	Detection	0.049	61.4	27.8	0.37	6.8	54.9	430
12/13/2017	Detection	--	--	36.1	0.36	6.7	68	--
6/4/2018	Assessment	0.076	60.9	36.5	0.56	7.3	41.3	412
8/15/2018	Assessment	0.088	63.7	44.9	0.51	7.0	42.3	416
5/21/2019	Assessment	0.05 J1	57.4	27.9	0.44	6.9	57.4	423
6/25/2019	Assessment	0.05 J1	62.7	21.4	0.47	6.8	40.9	398
9/10/2019	Assessment	0.04 J1	64.8	23.9	0.46	6.9	45.0	383
3/11/2020	Assessment	--	--	--	0.42	6.5	--	--
5/21/2020	Assessment	0.04 J1	66.6	30.7	0.45	7.2	53.8	412
11/12/2020	Assessment	0.04 J1	59.6	24.6	0.40	6.5	60.4	397
2/3/2021	Assessment	0.04 J1	60.3	26.7	0.44	6.1	52.0	379
5/27/2021	Assessment	0.041 J1	70.2	32.6	0.51	7.3	40.4	420
11/10/2021	Assessment	0.038 J1	56.4	43.0	0.42	6.3	42.7	380

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1600S
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/8/2016	Background	0.02 J1	0.67	36.1	< 0.005 U1	0.02 J1	0.2	0.243	0.149	0.33	0.118	0.003	0.002 J1	0.61	0.5	< 0.01 U1
7/19/2016	Background	0.02 J1	0.67	37.9	< 0.005 U1	0.02 J1	0.4	0.099	0.52826	0.34	0.048	0.038	< 0.002 U1	0.56	0.3	0.01 J1
9/19/2016	Background	0.02 J1	0.58	30.9	< 0.005 U1	0.01 J1	0.2	0.129	0.0715	0.32	0.087	0.019	< 0.002 U1	0.56	0.3	0.02 J1
11/16/2016	Background	0.04 J1	0.75	32.9	0.008 J1	0.03	0.284	0.690	0.505	0.28	0.360	0.024	< 0.002 U1	0.64	0.4	0.04 J1
1/10/2017	Background	0.02 J1	0.65	29.3	0.006 J1	0.01 J1	0.892	0.306	1.8182	0.32	0.151	0.016	< 0.002 U1	0.60	0.4	0.01 J1
3/7/2017	Background	0.03 J1	0.70	30.5	0.008 J1	0.02 J1	0.459	0.587	1.697	0.37	0.319	0.013	< 0.002 U1	0.66	0.5	0.01 J1
5/8/2017	Background	0.05	0.65	26.9	0.020	0.02	0.163	0.398	0.305	0.40	0.195	0.019	0.005	0.56	0.5	0.050
7/17/2017	Background	0.02 J1	0.61	26.1	0.006 J1	0.02 J1	0.302	0.441	0.117	0.36	0.233	0.019	< 0.002 U1	0.74	0.5	0.02 J1
6/4/2018	Assessment	0.03 J1	0.49	22.7	0.005 J1	0.01 J1	0.109	0.128	1.573	0.56	0.069	0.019	< 0.002 U1	0.72	0.5	0.02 J1
8/15/2018	Assessment	0.02 J1	0.45	23.7	< 0.004 U1	0.01 J1	0.277	0.105	0.646	0.51	0.053	0.014	--	0.65	0.4	0.02 J1
5/21/2019	Assessment	0.03 J1	0.50	26.7	< 0.02 U1	0.01 J1	1.34	0.127	0.6234	0.44	0.07 J1	0.01 J1	< 0.002 U1	0.7 J1	0.6	< 0.1 U1
6/25/2019	Assessment	< 0.02 U1	0.48	22.0	< 0.02 U1	0.01 J1	0.08 J1	0.193	0.528	0.47	0.09 J1	0.03 J1	< 0.002 U1	0.5 J1	0.4	< 0.1 U1
9/10/2019	Assessment	< 0.02 U1	0.46	21.9	< 0.02 U1	0.01 J1	0.2 J1	0.149	0.2093	0.46	0.08 J1	0.0126	< 0.002 U1	0.6 J1	0.5	< 0.1 U1
3/11/2020	Assessment	< 0.02 U1	0.40	22.1	< 0.02 U1	< 0.01 U1	0.1 J1	0.04 J1	0.2165	0.42	< 0.05 U1	0.0126	< 0.002 U1	0.5 J1	0.4	< 0.1 U1
5/21/2020	Assessment	0.02 J1	0.40	23.2	< 0.02 U1	0.09	0.2 J1	0.05 J1	0.662	0.45	< 0.05 U1	0.0135	< 0.002 U1	0.4 J1	0.4	< 0.1 U1
11/12/2020	Assessment	0.04 J1	0.40	23.2	< 0.02 U1	0.01 J1	0.342	0.03 J1	0.9926	0.40	< 0.05 U1	0.0144	< 0.002 U1	< 0.4 U1	0.7	< 0.1 U1
2/3/2021	Assessment	< 0.02 U1	0.41	22.9	< 0.02 U1	< 0.01 U1	0.319	0.05 J1	1.11	0.44	< 0.05 U1	0.0130	< 0.002 U1	0.5 J1	0.3	< 0.1 U1
5/27/2021	Assessment	0.15	4.39	57.9	0.106	0.191	1.92	9.95	0.88	0.51	4.97	0.0111	0.004 J1	0.9	0.73	0.05 J1
11/10/2021	Assessment	0.03 J1	0.66	26.8	0.014 J1	0.041	0.51	1.12	0.45	0.42	0.63	0.0123	< 0.002 U1	0.2 J1	0.41 J1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1601D
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/27/2016	Background	0.038	79.7	21.8	0.22	7.5	21.9	460
7/19/2016	Background	0.035	89.0	18.9	0.22	7.4	18.9	412
9/20/2016	Background	0.026	87.0	22.6	0.17	7.2	20.4	410
11/16/2016	Background	0.035	89.5	21.8	0.15	7.4	18.0	413
1/10/2017	Background	0.029	90.7	19.5	0.19	6.8	20.3	407
3/7/2017	Background	0.055	85.2	28.7	0.17	7.1	25.4	392
5/9/2017	Background	0.038	90.8	22.5	0.17	6.7	21.3	399
7/17/2017	Background	0.090	77.7	21.3	0.17	6.8	21.4	393
10/4/2017	Detection	0.044	86.8	17.9	0.16	7.3	18.8	390
12/12/2017	Detection	--	--	18.8	0.16	7.2	20.2	--
6/5/2018	Assessment	0.075	87.6	23.8	0.19	6.4	25	393
8/15/2018	Assessment	0.122	86.5	19.4	0.17	7.3	19.6	418
5/24/2019	Assessment	0.03 J1	85.4	23.6	0.19	7.1	24.9	414
6/26/2019	Assessment	0.04 J1	85.9	18.7	0.16	7.2	22.9	409
9/9/2019	Assessment	0.03 J1	84.4	19.9	0.18	7.2	18.2	404
3/11/2020	Assessment	--	--	--	0.17	6.9	--	--
5/21/2020	Assessment	0.02 J1	88.5	32.4	0.20	7.1	41.3	409
11/16/2020	Assessment	0.03 J1	85.0	18.6	0.18	6.2	19.1	409
2/3/2021	Assessment	0.03 J1	90.6	19.4	0.20	7.0	20.0	396
5/26/2021	Assessment	0.029 J1	87.6	18.9	0.20	9.4	18.9	410
11/10/2021	Assessment	0.029 J1	86.3	19.1	0.18	6.6	17.4	390

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1601D
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/27/2016	Background	0.03 J1	6.04	491	0.024	0.12	0.8	1.36	1.116	0.22	1.05	0.003	< 0.002 U1	2.54	0.1	0.01 J1
7/19/2016	Background	0.02 J1	8.20	540	< 0.005 U1	0.01 J1	0.4	0.502	2.248	0.22	0.031	0.005	< 0.002 U1	3.96	0.07 J1	0.055
9/20/2016	Background	0.01 J1	8.59	602	< 0.005 U1	< 0.004 U1	0.2	0.224	1.732	0.17	0.01 J1	< 0.0002 U1	< 0.002 U1	3.08	< 0.03 U1	< 0.01 U1
11/16/2016	Background	0.02 J1	9.20	616	< 0.005 U1	0.01 J1	0.089	0.174	0.946	0.15	0.022	0.015	< 0.002 U1	3.14	< 0.03 U1	0.04 J1
1/10/2017	Background	< 0.01 U1	8.95	527	< 0.005 U1	< 0.004 U1	0.293	0.197	1.929	0.19	0.006 J1	0.004	< 0.002 U1	3.10	< 0.03 U1	< 0.01 U1
3/7/2017	Background	< 0.01 U1	9.32	582	< 0.005 U1	< 0.004 U1	0.417	0.148	0.868	0.17	0.021	0.004	< 0.002 U1	2.66	< 0.03 U1	< 0.01 U1
5/9/2017	Background	0.05	9.47	583	0.020	0.02	0.121	0.152	0.983	0.17	0.026	0.008	0.005	2.84	0.1	0.050
7/17/2017	Background	< 0.01 U1	9.38	532	< 0.004 U1	0.006 J1	0.129	0.103	3.139	0.17	0.031	0.006	< 0.002 U1	2.67	< 0.03 U1	< 0.01 U1
6/5/2018	Assessment	0.03 J1	11.4	552	< 0.004 U1	< 0.005 U1	0.055	0.149	2.095	0.19	0.022	0.007	< 0.002 U1	3.34	< 0.03 U1	< 0.01 U1
8/15/2018	Assessment	0.02 J1	10.3	540	< 0.004 U1	0.01 J1	0.387	0.120	--	0.17	0.084	< 0.0002 U1	--	3.11	< 0.03 U1	0.02 J1
5/24/2019	Assessment	< 0.02 U1	10.3	638	< 0.02 U1	< 0.01 U1	0.06 J1	0.090	0.977	0.19	< 0.02 U1	0.01 J1	< 0.002 U1	2.63	0.03 J1	< 0.1 U1
6/26/2019	Assessment	< 0.02 U1	9.80	542	< 0.02 U1	< 0.01 U1	0.07 J1	0.075	0.986	0.16	0.02 J1	0.02 J1	< 0.002 U1	2.94	< 0.03 U1	< 0.1 U1
9/9/2019	Assessment	< 0.02 U1	11.0	575	< 0.02 U1	< 0.01 U1	0.08 J1	0.054	0.702	0.18	< 0.05 U1	0.00170	< 0.002 U1	3.15	< 0.03 U1	< 0.1 U1
3/11/2020	Assessment	< 0.02 U1	10.7	575	< 0.02 U1	< 0.01 U1	0.1 J1	0.059	0.789	0.17	< 0.05 U1	0.00170	< 0.002 U1	2.77	0.04 J1	< 0.1 U1
5/21/2020	Assessment	< 0.02 U1	10.9	670	< 0.02 U1	0.05 J1	0.1 J1	0.077	1.672	0.20	< 0.05 U1	0.00265	< 0.002 U1	2.12	< 0.03 U1	< 0.1 U1
11/16/2020	Assessment	< 0.02 U1	11.0	524	< 0.02 U1	< 0.01 U1	0.2 J1	0.05 J1	1.489	0.18	< 0.05 U1	0.00163	< 0.002 U1	2.89	< 0.03 U1	< 0.1 U1
2/3/2021	Assessment	< 0.02 U1	12.4	567	< 0.02 U1	0.01 J1	0.241	0.052	2.714	0.20	< 0.05 U1	0.00147	< 0.002 U1	3.23	< 0.03 U1	< 0.1 U1
5/26/2021	Assessment	0.09 J1	11.4	536	< 0.007 U1	0.015 J1	0.13 J1	0.05	1.41	0.20	< 0.05 U1	0.0014	< 0.002 U1	3.1	< 0.09 U1	< 0.04 U1
11/10/2021	Assessment	< 0.02 U1	11.5	509	< 0.007 U1	< 0.004 U1	0.21	0.051	0.77	0.18	< 0.05 U1	0.00133	< 0.002 U1	3.1	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1601I
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/8/2016	Background	0.024	84.9	26.3	0.21	7.4	54.0	419
7/19/2016	Background	0.023	84.1	33.3	0.25	7.2	54.0	430
9/20/2016	Background	0.043	85.2	32.3	0.22	7.1	49.1	432
11/16/2016	Background	0.026	91.6	31.7	0.19	7.2	46.7	434
1/10/2017	Background	0.018	92.6	31.3	0.19	6.7	47.7	429
3/7/2017	Background	0.029	84.0	32.5	0.22	7.1	48.5	427
5/9/2017	Background	0.079	90.0	33.1	0.21	6.8	49.1	422
7/17/2017	Background	0.039	82.0	32.0	0.19	9.5	49.9	418
10/4/2017	Detection	0.088	77.5	31.6	0.20	6.8	51.8	428
12/12/2017	Detection	--	--	30.5	0.21	7.1	52.8	--
6/5/2018	Assessment	0.052	87.8	31.4	0.24	7.6	50	424
8/15/2018	Assessment	0.054	91.7	31.3	0.25	7.3	49.9	429
6/26/2019	Assessment	0.03 J1	85.0	31.2	0.21	7.2	50.8	439
9/9/2019	Assessment	0.02 J1	85.1	30.8	0.22	7.1	42.7	426
3/11/2020	Assessment	--	--	--	0.23	6.9	--	--
5/21/2020	Assessment	0.02 J1	87.8	31.5	0.26	6.8	52.1	435
11/16/2020	Assessment	0.02 J1	80.2	29.8	0.24	6.2	49.5	418
2/3/2021	Assessment	0.02 J1	85.7	29.8	0.26	6.8	50.4	414
5/26/2021	Assessment	0.023 J1	95.8	30.0	0.27	9.4	50.2	420
11/10/2021	Assessment	0.025 J1	85.8	29.4	0.25	6.6	48.3	420

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1601I
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/8/2016	Background	0.02 J1	11.4	612	< 0.005 U1	< 0.004 U1	0.1	1.84	1.432	0.21	0.042	0.003	< 0.002 U1	2.80	< 0.03 U1	< 0.01 U1
7/19/2016	Background	0.02 J1	14.6	620	< 0.005 U1	< 0.004 U1	0.9	1.98	1.036	0.25	0.045	0.004	< 0.002 U1	2.81	< 0.03 U1	< 0.01 U1
9/20/2016	Background	0.02 J1	14.9	681	< 0.005 U1	< 0.004 U1	0.2	1.68	2.329	0.22	0.02 J1	0.008	< 0.002 U1	2.53	< 0.03 U1	0.01 J1
11/16/2016	Background	0.02 J1	16.2	689	< 0.005 U1	0.007 J1	0.110	1.68	1.451	0.19	0.030	0.002	< 0.002 U1	2.36	< 0.03 U1	0.02 J1
1/10/2017	Background	0.01 J1	16.2	605	< 0.005 U1	< 0.004 U1	0.387	1.58	0.993	0.19	0.02 J1	0.007	< 0.002 U1	2.24	< 0.03 U1	0.02 J1
3/7/2017	Background	0.03 J1	16.9	650	< 0.005 U1	< 0.004 U1	0.267	1.59	0.986	0.22	0.070	0.010	< 0.002 U1	2.74	0.06 J1	0.03 J1
5/9/2017	Background	0.05	17.9	634	0.020	0.02	0.156	1.69	1.064	0.21	0.052	0.014	0.005	2.23	0.1	0.050
7/17/2017	Background	0.02 J1	18.0	613	< 0.004 U1	< 0.005 U1	0.160	1.74	1.276	0.19	0.042	0.011	< 0.002 U1	2.13	< 0.03 U1	0.02 J1
6/5/2018	Assessment	0.02 J1	18.6	631	0.008 J1	0.01 J1	0.21	1.73	1.538	0.24	0.201	0.013	< 0.002 U1	2.48	0.05 J1	0.04 J1
8/15/2018	Assessment	0.02 J1	19.1	626	< 0.004 U1	0.009 J1	0.074	1.63	2.274	0.25	0.067	0.009	--	2.21	< 0.03 U1	0.02 J1
6/26/2019	Assessment	< 0.02 U1	18.0	619	< 0.02 U1	< 0.01 U1	0.06 J1	1.50	1.862	0.21	0.04 J1	0.02 J1	< 0.002 U1	2.28	< 0.03 U1	< 0.1 U1
9/9/2019	Assessment	0.04 J1	39.5	670	< 0.02 U1	0.07	0.250	1.63	1.522	0.22	0.251	0.00672	< 0.002 U1	2.26	0.04 J1	< 0.1 U1
3/11/2020	Assessment	< 0.02 U1	17.4	621	< 0.02 U1	< 0.01 U1	0.1 J1	1.23	1.202	0.23	< 0.05 U1	0.00646	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
5/21/2020	Assessment	< 0.02 U1	17.2	608	< 0.02 U1	< 0.01 U1	0.1 J1	1.26	0.9	0.26	< 0.05 U1	0.00621	< 0.002 U1	2.10	< 0.03 U1	< 0.1 U1
11/16/2020	Assessment	< 0.02 U1	17.8	586	< 0.02 U1	< 0.01 U1	0.2 J1	1.22	2.329	0.24	< 0.05 U1	0.00688	< 0.002 U1	2.02	< 0.03 U1	< 0.1 U1
2/3/2021	Assessment	< 0.02 U1	19.8	634	< 0.02 U1	< 0.01 U1	0.207	1.33	1.949	0.26	0.09 J1	0.00616	< 0.002 U1	2.24	< 0.03 U1	< 0.1 U1
5/26/2021	Assessment	< 0.02 U1	18.3	589 M1, P3	< 0.007 U1	0.039	0.05 J1	1.21	1.5	0.27	< 0.05 U1	0.00624	< 0.002 U1	2.0	< 0.09 U1	< 0.04 U1
11/10/2021	Assessment	< 0.02 U1	19.0	625	< 0.007 U1	< 0.004 U1	0.22	1.19	2.11	0.25	< 0.05 U1	0.00632	< 0.002 U1	2.2	< 0.09 U1	0.04 J1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.
M1: The associated matrix spike (MS) or matrix spike duplicate (MSD) recovery was outside acceptance limits.
P3: The precision on the matrix spike duplicate (MSD) was above acceptance limits.

Table 1 - Groundwater Data Summary: MW-1601S
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/8/2016	Background	0.108	76.9	45.9	0.34	7.6	39.2	440
7/19/2016	Background	0.106	71.8	46.4	0.36	7.2	40.1	415
9/20/2016	Background	0.094	74.2	43.5	0.33	7.2	37.6	442
11/16/2016	Background	0.100	78.2	42.3	0.26	7.2	36.4	442
1/10/2017	Background	0.113	78.5	42.0	0.28	6.8	35.9	424
3/7/2017	Background	0.098	79.2	41.1	0.30	7.2	42.5	413
5/8/2017	Background	0.092	86.7	41.9	0.31	6.8	44.0	389
7/17/2017	Background	0.077	76.8	41.7	0.25	6.6	40.5	443
10/4/2017	Detection	0.113	73.5	40.9	0.29	7.3	41.6	441
12/12/2017	Detection	--	--	36.9	0.33	7.2	43	--
6/5/2018	Assessment	0.142	66.5	34.8	0.41	7.4	26.5	366
8/15/2018	Assessment	0.208	70.8	33.7	0.42	7.2	31.3	374
5/24/2019	Assessment	0.06 J1	77.2	38.5	0.36	7.2	41.8	451
6/25/2019	Assessment	0.07 J1	75.9	35.3	0.31	7.3	51.4	456
9/9/2019	Assessment	0.068	79.6	37.6	0.31	7.2	52.9	445
3/11/2020	Assessment	--	--	--	0.34	7.1	--	--
5/21/2020	Assessment	0.076	82.3	40.6	0.37	7.1	58.3	462
11/16/2020	Assessment	0.092	74.0	40.1	0.35	6.4	53.0	432
2/3/2021	Assessment	0.125	74.0	39.7	0.40	7.1	60.6	432
5/26/2021	Assessment	0.095	77.7	37.6	0.43	9.4	57.2	400
11/10/2021	Assessment	0.113	68.6	36.7	0.42	6.9	60.3	400

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1601S
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/8/2016	Background	0.02 J1	1.90	49.4	0.006 J1	0.01 J1	0.2	0.957	0.788	0.34	0.220	< 0.0002 U1	< 0.002 U1	2.17	1.3	0.05 J1
7/19/2016	Background	0.02 J1	2.12	47.7	< 0.005 U1	0.007 J1	0.6	0.478	1.26	0.36	0.114	0.024	< 0.002 U1	1.91	1.3	< 0.01 U1
9/20/2016	Background	0.02 J1	1.99	41.6	< 0.005 U1	0.006 J1	0.2	0.381	0.4671	0.33	0.127	0.005	< 0.002 U1	1.40	1.3	0.03 J1
11/16/2016	Background	0.03 J1	2.00	39.0	< 0.005 U1	0.01 J1	0.123	0.274	0.1634	0.26	0.084	0.009	< 0.002 U1	2.17	1.3	0.03 J1
1/10/2017	Background	0.05 J1	2.00	43.5	< 0.005 U1	0.03	0.279	0.520	0.717	0.28	0.247	0.006	< 0.002 U1	1.61	1.4	0.104
3/7/2017	Background	0.02 J1	2.25	50.7	< 0.005 U1	0.01 J1	1.52	0.980	0.1969	0.30	0.348	0.010	< 0.002 U1	1.49	1.4	0.01 J1
5/8/2017	Background	0.05	2.02	42.6	0.020	0.02	0.192	0.411	0.3203	0.31	0.119	0.010	0.005	1.24	1.7	0.050
7/17/2017	Background	0.05	2.70	70.0	0.01 J1	0.03	1.05	2.67	1.812	0.25	0.807	0.012	0.003 J1	1.46	1.8	0.04 J1
6/5/2018	Assessment	0.04 J1	2.45	44	0.02 J1	0.24	0.579	0.615	0.261	0.41	0.349	0.012	< 0.002 U1	1.79	0.5	< 0.01 U1
8/15/2018	Assessment	0.03 J1	2.28	38.0	0.005 J1	0.009 J1	0.114	0.557	0.398	0.42	0.141	0.004	--	1.81	1.1	0.05 J1
5/24/2019	Assessment	< 0.02 U1	2.05	37.2	< 0.02 U1	< 0.01 U1	0.08 J1	0.02 J1	0.0711	0.36	0.03 J1	0.01 J1	< 0.002 U1	1 J1	1.7	< 0.1 U1
6/25/2019	Assessment	< 0.02 U1	2.06	44.2	< 0.02 U1	< 0.01 U1	0.1 J1	0.649	0.248	0.31	0.165	0.01 J1	< 0.002 U1	1 J1	1.4	< 0.1 U1
9/9/2019	Assessment	0.02 J1	2.30	51.4	< 0.02 U1	0.02 J1	0.452	1.14	0.914	0.31	0.325	0.00691	< 0.002 U1	1 J1	1.2	< 0.1 U1
3/11/2020	Assessment	< 0.02 U1	1.95	37.9	< 0.02 U1	< 0.01 U1	0.2 J1	0.203	1.649	0.34	0.05 J1	0.00618	< 0.002 U1	1 J1	0.9	< 0.1 U1
5/21/2020	Assessment	< 0.02 U1	1.94	36.2	< 0.02 U1	< 0.01 U1	0.227	0.053	0.084	0.37	< 0.05 U1	0.00632	< 0.002 U1	1 J1	1.5	< 0.1 U1
11/16/2020	Assessment	< 0.02 U1	1.97	34.9	< 0.02 U1	< 0.01 U1	0.347	0.077	0.0911	0.35	< 0.05 U1	0.00609	< 0.002 U1	1 J1	1.6	< 0.1 U1
2/3/2021	Assessment	< 0.02 U1	2.10	32.8	< 0.02 U1	< 0.01 U1	0.640	0.070	0.7085	0.40	< 0.05 U1	0.00563	< 0.002 U1	2 J1	1.2	< 0.1 U1
5/26/2021	Assessment	0.07 J1	2.01	30.2	< 0.007 U1	0.005 J1	0.77	0.05	0.87	0.43	0.24	0.00507	< 0.002 U1	1.8	0.66	< 0.04 U1
11/10/2021	Assessment	< 0.02 U1	2.23	30.2	< 0.007 U1	< 0.004 U1	0.75	0.074	0.72	0.42	< 0.05 U1	0.00489	< 0.002 U1	1.9	0.67	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1602D
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.058	69.7	138	0.36	5.1	20.5	528
7/18/2016	Background	0.065	77.6	166	0.34	8.2	18.5	574
9/20/2016	Background	0.047	71.7	172	0.30	7.8	12.9	580
11/15/2016	Background	0.078	78.0	177	0.33	7.1	17.4	601
1/9/2017	Background	0.084	75.3	178	0.34	7.3	11.4	594
3/7/2017	Background	0.076	66.8	158	0.31	7.3	14.5	586
5/8/2017	Background	0.073	71.9	124	0.31	7.0	16.1	520
7/17/2017	Background	0.091	64.6	112	0.26	7.0	17.5	472
10/3/2017	Detection	0.064	68.3	135	0.29	7.4	16.0	518
12/12/2017	Detection	--	--	141	0.3	7.4	16.9	--
1/3/2018	Detection	--	--	146	--	7.8	--	574
6/5/2018	Assessment	0.07	66	92.8	0.35	7.8	21.6	440
8/13/2018	Assessment	0.098	73.0	131	0.31	7.2	18.0	521
5/24/2019	Assessment	0.04 J1	67.9	68.3	0.33	7.4	20.5	418
6/27/2019	Assessment	0.06 J1	69.8	68.7	0.33	7.3	20.3	429
9/12/2019	Assessment	0.059	57.8	65.1	0.28	7.1	20.2	440
3/11/2020	Assessment	--	--	--	0.33	7.1	--	--
5/20/2020	Assessment	0.04 J1	74.2	62.8	0.35	6.8	23.8	416
11/17/2020	Assessment	0.05 J1	64.0	87.1	0.33	6.9	20.5	452
2/2/2021	Assessment	0.052	66.2	83.8	0.36	6.9	21.3	472
5/26/2021	Assessment	0.045 J1	64.0	76.9	0.35	7.4	22.0	450
11/9/2021	Assessment	0.051	67.6 M1, P3	86.9	0.35	7.4	19.3	460

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.
M1: The associated matrix spike (MS) or matrix spike duplicate (MSD) recovery was outside acceptance limits.
P3: The precision on the matrix spike duplicate (MSD) was above acceptance limits.

Table 1 - Groundwater Data Summary: MW-1602D
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.02 J1	7.35	380	< 0.005 U1	< 0.004 U1	0.3	0.227	1.147	0.36	0.061	0.001	< 0.002 U1	4.69	0.03 J1	< 0.01 U1
7/18/2016	Background	0.01 J1	8.54	507	< 0.005 U1	< 0.004 U1	0.5	0.166	2.43	0.34	0.02 J1	0.022	< 0.002 U1	3.89	< 0.03 U1	< 0.01 U1
9/20/2016	Background	0.02 J1	8.24	487	< 0.005 U1	< 0.004 U1	0.2	0.116	1.128	0.30	0.022	0.007	< 0.002 U1	3.31	0.03 J1	< 0.01 U1
11/15/2016	Background	0.03 J1	8.32	585	0.01 J1	0.02	0.338	0.248	4.204	0.33	0.195	0.012	< 0.002 U1	3.31	0.05 J1	0.066
1/9/2017	Background	0.01 J1	7.92	503	< 0.005 U1	< 0.004 U1	0.187	0.112	0.976	0.34	0.01 J1	0.005	< 0.002 U1	3.36	< 0.03 U1	0.02 J1
3/7/2017	Background	0.01 J1	8.04	458	< 0.005 U1	< 0.004 U1	0.395	0.106	0.705	0.31	0.029	0.004	< 0.002 U1	3.88	0.05 J1	0.02 J1
5/8/2017	Background	0.05	9.08	436	0.020	0.07	0.232	0.115	0.5884	0.31	0.056	0.007	0.005	3.93	0.1	0.050
7/17/2017	Background	0.01 J1	8.51	419	0.005 J1	< 0.005 U1	0.268	0.110	1.349	0.26	0.036	0.003	< 0.002 U1	3.60	< 0.03 U1	< 0.01 U1
6/5/2018	Assessment	0.02 J1	10	442	0.006 J1	0.01 J1	0.21	0.157	1.861	0.35	0.103	0.008	< 0.002 U1	3.93	< 0.03 U1	< 0.01 U1
8/13/2018	Assessment	0.01 J1	9.28	459	0.008 J1	< 0.005 U1	0.201	0.173	1.021	0.31	0.113	0.002	--	3.18	0.05 J1	< 0.01 U1
5/24/2019	Assessment	< 0.02 U1	9.29	405	< 0.02 U1	< 0.01 U1	0.05 J1	0.065	0.71	0.33	< 0.02 U1	0.01 J1	< 0.002 U1	3.23	0.03 J1	< 0.1 U1
6/27/2019	Assessment	< 0.02 U1	9.05	386	< 0.02 U1	< 0.01 U1	0.06 J1	0.066	0.688	0.33	0.02 J1	< 0.009 U1	< 0.002 U1	3.12	0.03 J1	< 0.1 U1
9/12/2019	Assessment	0.17	10.3	433	0.02 J1	0.03 J1	0.763	0.373	1.13	0.28	0.437	0.00286	< 0.002 U1	3.64	0.09 J1	< 0.1 U1
3/11/2020	Assessment	0.03 J1	9.56	439	0.05 J1	0.01 J1	1.32	0.850	2.253	0.33	0.864	0.00291	0.003 J1	3.13	0.2 J1	< 0.1 U1
5/20/2020	Assessment	< 0.02 U1	9.46	412	< 0.02 U1	< 0.01 U1	0.354	0.066	0.872	0.35	< 0.05 U1	0.00212	< 0.002 U1	3.38	0.07 J1	< 0.1 U1
11/17/2020	Assessment	< 0.02 U1	8.82	431	< 0.02 U1	< 0.01 U1	0.276	0.055	2.518	0.33	< 0.05 U1	0.00275	< 0.002 U1	3.04	< 0.03 U1	< 0.1 U1
2/2/2021	Assessment	< 0.02 U1	9.29	445	< 0.02 U1	< 0.01 U1	0.247	0.057	1.727	0.36	< 0.05 U1	0.00247	< 0.002 U1	3.51	< 0.03 U1	< 0.1 U1
5/26/2021	Assessment	< 0.02 U1	10.2	452	< 0.007 U1	< 0.004 U1	0.26	0.052	0.99	0.35	< 0.05 U1	0.00234	< 0.002 U1	3.5	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	< 0.02 U1	9.51	449 M1	< 0.007 U1	0.028	0.18 J1	0.049	1.32	0.35	< 0.05 U1	0.00239	< 0.002 U1	3.2	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.
M1: The associated matrix spike (MS) or matrix spike duplicate (MSD) recovery was outside acceptance limits.

Table 1 - Groundwater Data Summary: MW-1602I
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.047	78.6	33.0	0.32	7.1	84.1	424
7/18/2016	Background	0.043	81.1	32.3	0.30	7.4	89.4	452
9/20/2016	Background	0.037	79.9	30.2	0.28	7.3	77.7	412
11/15/2016	Background	0.057	87.6	28.7	0.29	7.1	85.3	457
1/9/2017	Background	0.039	80.6	27.8	0.26	7.4	77.6	420
3/7/2017	Background	0.061	71.1	27.5	0.27	7.3	77.8	388
5/8/2017	Background	0.108	79.7	27.6	0.28	6.9	78.4	430
7/17/2017	Background	0.052	68.8	27.1	0.23	6.9	76.3	421
10/3/2017	Detection	0.065	69.2	27.5	0.26	7.3	80.8	414
12/12/2017	Detection	--	--	28.3	0.26	7.3	82.8	--
1/3/2018	Detection	--	--	--	--	7.7	82.3	--
6/5/2018	Assessment	0.06	71.3	29.8	0.31	7.8	77.6	410
8/13/2018	Assessment	0.109	76.0	28.5	0.28	7.4	75.0	405
5/24/2019	Assessment	0.05 J1	74.6	29.0	0.30	7.4	65.9	410
6/27/2019	Assessment	0.06 J1	76.2	29.2	0.30	7.3	67.4	405
9/12/2019	Assessment	0.051	83.1	28.7	0.30	7.3	70.7	404
3/11/2020	Assessment	--	--	--	0.29	7.0	--	--
5/20/2020	Assessment	0.114	113	79.0	0.30	7.7	177	627
11/17/2020	Assessment	0.121	85.0	54.5	0.30	7.0	135	537
2/3/2021	Assessment	0.088	76.1	35.6	0.33	6.7	86.0	428
5/26/2021	Assessment	0.067	73.7	31.2	0.32	7.5	76.6	420
11/9/2021	Assessment	0.048 J1	68.4	23.0	0.31	6.9	57.0	370

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1602I
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.02 J1	16.5	135	< 0.005 U1	0.005 J1	0.2	1.35	0.983	0.32	0.096	0.003	< 0.002 U1	2.61	< 0.03 U1	< 0.01 U1
7/18/2016	Background	0.02 J1	18.7	145	< 0.005 U1	0.006 J1	0.2	1.70	1.526	0.30	0.074	0.006	< 0.002 U1	2.68	0.03 J1	0.01 J1
9/20/2016	Background	0.02 J1	15.5	123	< 0.005 U1	< 0.004 U1	0.2	1.34	1.421	0.28	0.045	0.006	< 0.002 U1	2.31	0.05 J1	0.01 J1
11/15/2016	Background	0.03 J1	18.2	136	< 0.005 U1	0.006 J1	0.075	1.44	1.19	0.29	0.02 J1	0.015	< 0.002 U1	2.13	0.04 J1	0.03 J1
1/9/2017	Background	0.02 J1	18.3	126	< 0.005 U1	< 0.004 U1	0.161	1.38	0.7655	0.26	0.045	0.003	< 0.002 U1	2.23	< 0.03 U1	0.02 J1
3/7/2017	Background	0.03 J1	20.0	122	0.005 J1	< 0.004 U1	0.484	1.43	0.845	0.27	0.178	0.009	< 0.002 U1	2.21	0.06 J1	0.02 J1
5/8/2017	Background	0.14	25.5	123	0.020	0.02	0.459	1.69	1.024	0.28	0.292	0.009	0.005	2.08	0.1	0.050
7/17/2017	Background	0.05	27.3	127	0.006 J1	0.006 J1	0.193	1.52	0.8024	0.23	0.167	0.010	< 0.002 U1	2.01	< 0.03 U1	0.04 J1
6/5/2018	Assessment	0.1	38.6	128	0.01 J1	0.01 J1	0.338	1.8	0.968	0.31	0.374	0.013	< 0.002 U1	2.42	0.07 J1	0.03 J1
8/13/2018	Assessment	0.05 J1	26.9	111	0.006 J1	0.007 J1	0.086	1.31	0.9	0.28	0.092	0.001	--	2.10	< 0.03 U1	0.03 J1
5/24/2019	Assessment	0.08 J1	29.6	121	< 0.02 U1	0.03 J1	0.305	1.75	0.819	0.30	0.354	0.009 J1	< 0.002 U1	2.03	0.04 J1	< 0.1 U1
6/27/2019	Assessment	0.03 J1	22.4	115	< 0.02 U1	< 0.01 U1	0.2 J1	1.39	0.733	0.30	0.06 J1	< 0.009 U1	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
9/12/2019	Assessment	0.04 J1	30.0	120	< 0.02 U1	< 0.01 U1	0.1 J1	1.32	1.312	0.30	0.1 J1	0.00572	< 0.002 U1	2.11	0.03 J1	< 0.1 U1
3/11/2020	Assessment	< 0.02 U1	22.7	118	< 0.02 U1	< 0.01 U1	< 0.04 U1	1.36	0.6159	0.29	< 0.05 U1	0.00566	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
5/20/2020	Assessment	0.03 J1	24.6	142	< 0.02 U1	< 0.01 U1	0.09 J1	1.83	0.665	0.30	< 0.05 U1	0.00620	< 0.002 U1	2 J1	0.1 J1	< 0.1 U1
11/17/2020	Assessment	0.06 J1	33.9	127	< 0.02 U1	< 0.01 U1	0.2 J1	1.43	2.14	0.30	0.06 J1	0.0058	< 0.002 U1	2.02	0.08 J1	< 0.1 U1
2/3/2021	Assessment	0.03 J1	27.8	107	< 0.02 U1	< 0.01 U1	0.226	1.21	1.668	0.33	< 0.05 U1	0.00531	< 0.002 U1	2.09	< 0.03 U1	< 0.1 U1
5/26/2021	Assessment	0.06 J1	24.9	108	0.009 J1	< 0.004 U1	0.26	1.18	1.17	0.32	< 0.05 U1	0.00524	< 0.002 U1	2.2	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	0.04 J1	27.7	97.2	< 0.007 U1	< 0.004 U1	0.22	1.10	1.31	0.31	< 0.05 U1	0.00505	< 0.002 U1	2.2	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1603D
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/8/2016	Background	0.073	70.8	26.7	0.31	7.1	59.0	433
7/18/2016	Background	0.074	79.6	26.7	0.33	6.9	55.3	430
10/10/2016	Background	0.065	81.2	26.0	0.32	7.3	47.2	406
11/15/2016	Background	0.062	90.5	25.5	0.30	7.1	50.6	399
1/9/2017	Background	0.055	91.9	25.1	0.26	7.3	49.7	401
3/7/2017	Background	0.061	86.8	26.1	0.29	7.2	47.7	392
5/8/2017	Background	0.082	91.1	26.3	0.27	7.2	47.1	417
7/17/2017	Background	0.080	80.4	25.9	0.24	6.7	45.9	400
10/3/2017	Detection	0.054	79.4	26.2	0.26	7.1	44.6	393
12/12/2017	Detection	--	--	27	0.27	7.0	42.3	--
6/5/2018	Assessment	0.081	80.6	30.1	0.3	7.2	40.9	412
8/13/2018	Assessment	0.147	87.9	25.4	0.27	7.1	39.1	385
5/21/2019	Assessment	0.04 J1	71.6	25.3	0.28	7.2	38.5	397
6/27/2019	Assessment	0.06 J1	77.9	25.0	0.30	7.6	32.8	388
9/11/2019	Assessment	0.04 J1	82.8	26.1	0.30	7.2	36.4	407
3/10/2020	Assessment	--	--	--	0.28	6.7	--	--
5/21/2020	Assessment	0.04 J1	82.2	25.6	0.31	7.4	34.0	400
11/13/2020	Assessment	0.04 J1	79.4	24.6	0.29	6.8	31.5	380
2/2/2021	Assessment	0.04 J1	79.4	25.6	0.31	6.3	33.7	381
5/26/2021	Assessment	0.031 J1	80.6	26.8	0.31	7.7	33.8	390
11/9/2021	Assessment	0.031 J1	81.1	26.3	0.30	6.8	31.5	380

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1603D
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/8/2016	Background	0.01 J1	10.2	112	< 0.005 U1	< 0.004 U1	0.2	1.34	1.206	0.31	0.02 J1	0.003	< 0.002 U1	6.70	< 0.03 U1	< 0.01 U1
7/18/2016	Background	0.02 J1	11.0	120	< 0.005 U1	0.007 J1	0.3	1.30	0.66	0.33	0.01 J1	0.008	< 0.002 U1	6.39	0.04 J1	0.068
10/10/2016	Background	0.09	9.91	122	0.049	0.03	23.8	2.01	0.954	0.32	1.38	0.007	< 0.002 U1	6.82	0.3	0.04 J1
11/15/2016	Background	0.03 J1	11.3	113	< 0.01 U1	0.01 J1	0.08 J1	0.703	1.275	0.30	0.02 J1	0.011	< 0.002 U1	5.02	< 0.06 U1	< 0.02 U1
1/9/2017	Background	0.01 J1	11.3	111	< 0.005 U1	0.009 J1	0.143	0.584	0.343	0.26	0.029	0.012	< 0.002 U1	4.98	< 0.03 U1	< 0.01 U1
3/7/2017	Background	0.01 J1	11.3	108	< 0.005 U1	< 0.004 U1	0.220	0.553	0.838	0.29	0.024	0.007	< 0.002 U1	5.11	0.04 J1	0.02 J1
5/8/2017	Background	0.05	11.3	103	0.020	0.02	0.238	0.586	0.982	0.27	0.068	0.006	0.005	4.78	0.1	0.050
7/17/2017	Background	0.02 J1	12.1	114	< 0.004 U1	< 0.005 U1	0.112	0.525	1.696	0.24	0.006 J1	0.008	< 0.002 U1	4.68	< 0.03 U1	< 0.01 U1
6/5/2018	Assessment	0.02 J1	12.3	109	0.009 J1	< 0.005 U1	0.251	0.441	1.607	0.3	0.207	0.008	< 0.002 U1	4.09	0.09 J1	0.03 J1
8/13/2018	Assessment	0.02 J1	12.5	105	< 0.004 U1	< 0.005 U1	0.097	0.409	0.84	0.27	0.040	0.005	--	4.38	< 0.03 U1	0.02 J1
5/21/2019	Assessment	< 0.02 U1	12.6	111	< 0.02 U1	< 0.01 U1	0.05 J1	0.354	0.73	0.28	0.04 J1	< 0.009 U1	< 0.002 U1	4.56	< 0.03 U1	< 0.1 U1
6/27/2019	Assessment	< 0.02 U1	13.2	111	< 0.02 U1	< 0.01 U1	0.06 J1	0.327	0.766	0.30	< 0.02 U1	< 0.009 U1	< 0.002 U1	3.98	< 0.03 U1	< 0.1 U1
9/11/2019	Assessment	< 0.02 U1	13.2	112	< 0.02 U1	< 0.01 U1	0.2 J1	0.327	0.957	0.30	0.08 J1	0.00380	< 0.002 U1	4.10	0.03 J1	< 0.1 U1
3/10/2020	Assessment	< 0.02 U1	12.8	120	< 0.02 U1	< 0.01 U1	0.07 J1	0.291	1.167	0.28	< 0.05 U1	0.00380	< 0.002 U1	4.00	0.03 J1	< 0.1 U1
5/21/2020	Assessment	< 0.02 U1	13.8	120	< 0.02 U1	< 0.01 U1	0.275	0.280	0.721	0.31	< 0.05 U1	0.00323	< 0.002 U1	3.62	0.04 J1	< 0.1 U1
11/13/2020	Assessment	< 0.02 U1	13.5	119	< 0.02 U1	< 0.01 U1	0.2 J1	0.281	1.91	0.29	< 0.05 U1	0.00326	< 0.002 U1	3.64	< 0.03 U1	< 0.1 U1
2/2/2021	Assessment	< 0.02 U1	14.6	121	< 0.02 U1	< 0.01 U1	0.2 J1	0.281	2.834	0.31	< 0.05 U1	0.00315	< 0.002 U1	3.66	0.04 J1	< 0.1 U1
5/26/2021	Assessment	< 0.02 U1	14.7	125	< 0.007 U1	< 0.004 U1	0.25	0.288	0.47	0.31	< 0.05 U1	0.00331	< 0.002 U1	3.6	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	0.03 J1	14.1	121	< 0.007 U1	< 0.004 U1	0.21	0.247	1.78	0.30	< 0.05 U1	0.00321	< 0.002 U1	3.3	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1603I
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/8/2016	Background	0.151	89.2	37.7	0.39	7.6	71.9	465
7/18/2016	Background	0.157	93.9	38.8	0.43	7.2	83.8	502
9/20/2016	Background	0.153	99.8	40.1	0.39	7.3	111	500
11/15/2016	Background	0.173	101	37.4	0.42	7.2	88.5	481
1/9/2017	Background	0.147	94.7	34.6	0.38	7.2	75.3	478
3/7/2017	Background	0.187	85.0	34.7	0.40	7.3	73.2	460
5/8/2017	Background	0.187	87.2	36.8	0.40	7.3	71.0	452
7/17/2017	Background	0.196	79.3	35.1	0.35	9.8	74.9	449
10/3/2017	Detection	0.134	80.9	35.6	0.39	7.2	74.1	442
12/12/2017	Detection	--	--	57.4	0.52	6.8	201	--
1/3/2018	Detection	0.166	--	--	--	7.9	65.1	--
6/5/2018	Assessment	0.131	77.7	37.3	0.46	7.3	62.0	424
8/13/2018	Assessment	0.130	85.9	31.5	0.43	7.4	66.2	434
5/21/2019	Assessment	0.06 J1	81.4	39.4	0.45	7.3	74.6	467
6/27/2019	Assessment	0.07 J1	78.6	37.7	0.47	8.1	66.9	560
9/11/2019	Assessment	0.087	80.1	38.7	0.46	7.3	58.2	443
3/10/2020	Assessment	--	--	--	0.45	7.1	--	--
5/21/2020	Assessment	0.04 J1	82.4	37.9	0.46	7.7	51.0	428
11/13/2020	Assessment	0.04 J1	76.1	35.4	0.42	7.2	60.0	440
2/2/2021	Assessment	0.04 J1	78.4	35.5	0.45	6.8	56.9	424
5/26/2021	Assessment	0.035 J1	86.9	34.4	0.45	7.8	51.4	420
11/9/2021	Assessment	0.043 J1	77.3	33.3	0.41	6.7	58.8	390

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1603I
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/8/2016	Background	0.05 J1	13.0	81.1	< 0.005 U1	0.004 J1	0.3	1.36	0.593	0.39	0.117	< 0.0002 U1	< 0.002 U1	8.86	< 0.03 U1	0.03 J1
7/18/2016	Background	0.03 J1	12.8	83.1	< 0.005 U1	< 0.004 U1	0.8	1.30	1.821	0.43	0.053	0.013	< 0.002 U1	9.76	< 0.03 U1	0.02 J1
9/20/2016	Background	0.03 J1	12.2	94.2	< 0.005 U1	< 0.004 U1	0.1	1.41	0.904	0.39	0.008 J1	0.009	< 0.002 U1	9.85	0.04 J1	0.04 J1
11/15/2016	Background	0.04 J1	12.2	86.6	< 0.005 U1	0.007 J1	0.074	1.17	1.583	0.42	0.021	0.015	< 0.002 U1	9.21	< 0.03 U1	0.03 J1
1/9/2017	Background	0.03 J1	12.9	84.6	< 0.005 U1	< 0.004 U1	0.232	1.26	1.417	0.38	0.066	0.008	< 0.002 U1	9.47	< 0.03 U1	0.03 J1
3/7/2017	Background	0.03 J1	12.5	82.5	< 0.005 U1	< 0.004 U1	0.743	1.10	1.076	0.40	0.057	0.009	< 0.002 U1	8.79	0.05 J1	0.05 J1
5/8/2017	Background	0.05	13.0	76.8	0.020	0.02	0.145	1.24	0.824	0.40	0.174	0.009	0.005	8.86	0.1	0.050
7/17/2017	Background	0.03 J1	12.5	85.3	< 0.004 U1	< 0.005 U1	0.109	1.30	2.746	0.35	0.02 J1	0.013	< 0.002 U1	8.27	< 0.03 U1	0.05 J1
6/5/2018	Assessment	0.1	12.7	88.4	0.01 J1	0.02 J1	1.11	1.4	2.348	0.46	0.374	0.012	< 0.002 U1	7.31	0.07 J1	0.03 J1
8/13/2018	Assessment	0.03 J1	12.4	80.0	< 0.004 U1	< 0.005 U1	0.081	1.27	1.152	0.43	0.030	0.002	--	7.67	< 0.03 U1	0.04 J1
5/21/2019	Assessment	0.02 J1	12.9	81.6	< 0.02 U1	< 0.01 U1	0.08 J1	1.39	0.832	0.45	< 0.02 U1	< 0.009 U1	< 0.002 U1	6.45	< 0.03 U1	< 0.1 U1
6/27/2019	Assessment	0.07 J1	12.7	84.3	< 0.02 U1	0.01 J1	0.678	1.58	0.966	0.47	0.312	< 0.009 U1	< 0.002 U1	6.29	0.07 J1	< 0.1 U1
9/11/2019	Assessment	0.08 J1	13.2	83.0	< 0.02 U1	< 0.01 U1	0.355	1.36	1.41	0.46	0.2 J1	0.00711	< 0.002 U1	7.48	< 0.03 U1	< 0.1 U1
3/10/2020	Assessment	< 0.02 U1	12.1	80.3	< 0.02 U1	< 0.01 U1	0.1 J1	1.23	1.056	0.45	< 0.05 U1	0.00720	< 0.002 U1	5.52	< 0.03 U1	< 0.1 U1
5/21/2020	Assessment	0.03 J1	15.5	89.5	< 0.02 U1	< 0.01 U1	0.09 J1	1.22	1.004	0.46	< 0.05 U1	0.00697	< 0.002 U1	5.08	< 0.03 U1	< 0.1 U1
11/13/2020	Assessment	0.32	53.0	107	0.03 J1	< 0.01 U1	0.286	1.19	1.959	0.42	0.564	0.00667	< 0.002 U1	5.29	0.07 J1	< 0.1 U1
2/2/2021	Assessment	0.03 J1	15.1	97.0	< 0.02 U1	< 0.01 U1	0.270	1.12	2.058	0.45	0.05 J1	0.00667	< 0.002 U1	5.01	< 0.03 U1	< 0.1 U1
5/26/2021	Assessment	0.03 J1	14.0	89.2	< 0.007 U1	< 0.004 U1	0.13 J1	1.03	0.88	0.45	< 0.05 U1	0.00623	< 0.002 U1	4.7	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	0.99	220	147	0.077	0.006 J1	0.47	3.49	1.27	0.41	1.54	0.00598	< 0.002 U1	6.2	0.28 J1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1603S
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/8/2016	Background	1.77	49.6	60.3	0.44	7.6	197	480
7/18/2016	Background	1.77	46.4	53.6	0.50	7.2	171	445
9/20/2016	Background	1.83	59.3	57.6	0.39	7.0	197	479
11/15/2016	Background	2.19	71.9	50.9	0.43	6.9	208	469
1/9/2017	Background	2.22	74.8	55.6	0.40	6.5	220	483
3/7/2017	Background	1.72	99.4	67.6	0.33	6.7	261	581
5/8/2017	Background	1.25	81.7	55.1	0.36	6.9	203	466
7/17/2017	Background	1.94	68.1	52.9	0.27	9.6	222	482
10/3/2017	Detection	1.84	51.5	20.8	0.17	6.9	75.1	481
12/12/2017	Detection	--	--	33.9	0.41	7.1	65.8	--
1/3/2018	Detection	1.67	--	--	--	7.5	218	514
6/5/2018	Assessment	1.4	42.2	54.3	0.63	7.0	178	504
8/13/2018	Assessment	1.70	52.0	69.7	0.56	7.0	243	558
5/21/2019	Assessment	1.47	62.6	56.0	0.55	6.6	187	506
6/27/2019	Assessment	1.65	67.2	57.8	0.59	7.3	205	530
9/11/2019	Assessment	2.16	55.1	51.1	0.69	7.1	224	482
3/10/2020	Assessment	--	--	--	0.71	6.5	--	--
5/21/2020	Assessment	0.826	47.5	31.1	0.77	7.4	88.3	276
11/13/2020	Assessment	2.35	39.1	37.6	0.92	7.0	131	365
2/2/2021	Assessment	2.49	40.4	41.9	0.91	6.6	137	406
5/25/2021	Assessment	2.06	33.4	23.0	1.02	7.0	82.8	250
11/9/2021	Assessment	1.87	42.0	43.9	0.94	6.4	145	410

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1603S
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/8/2016	Background	0.04 J1	0.36	13.0	< 0.005 U1	0.02	0.2	0.648	0.485	0.44	0.171	< 0.0002 U1	< 0.002 U1	1.36	0.04 J1	0.02 J1
7/18/2016	Background	0.05 J1	0.27	12.5	< 0.005 U1	0.02	0.2	0.656	1.123	0.50	0.130	0.013	< 0.002 U1	0.74	< 0.03 U1	0.02 J1
9/20/2016	Background	0.04 J1	0.21	16.7	< 0.005 U1	0.02 J1	0.3	0.310	1.373	0.39	0.025	0.007	< 0.002 U1	0.50	0.7	0.04 J1
11/15/2016	Background	0.06	0.19	18.4	0.008 J1	0.03	0.104	0.233	0.508	0.43	0.072	0.013	< 0.002 U1	0.39	0.2	0.091
1/9/2017	Background	0.04 J1	0.20	16.2	< 0.005 U1	0.02 J1	0.653	0.176	0.391	0.40	0.023	0.002	< 0.002 U1	0.47	0.06 J1	0.02 J1
3/7/2017	Background	0.06	0.18	22.3	< 0.005 U1	0.06	0.530	0.092	0.2002	0.33	0.037	0.005	< 0.002 U1	0.23	0.2	0.02 J1
5/8/2017	Background	0.05	0.23	16.3	0.020	0.02	0.325	0.219	0.4136	0.36	0.116	0.006	0.005	0.15	0.2	0.050
7/17/2017	Background	0.04 J1	0.19	16.2	< 0.004 U1	0.03	0.154	0.349	2.9307	0.27	0.042	0.007	< 0.002 U1	0.20	0.06 J1	0.02 J1
6/5/2018	Assessment	0.06	0.36	12.4	0.01 J1	0.03	0.261	0.881	2.059	0.63	0.339	0.012	< 0.002 U1	2.74	0.1	0.03 J1
8/13/2018	Assessment	0.04 J1	0.20	10.5	0.01 J1	0.02	0.058	0.506	0.762	0.56	0.047	0.002	--	1.78	0.04 J1	0.054
5/21/2019	Assessment	0.03 J1	0.17	14.0	< 0.02 U1	0.02 J1	0.09 J1	0.417	0.5289	0.55	< 0.02 U1	< 0.009 U1	< 0.002 U1	< 0.4 U1	0.08 J1	< 0.1 U1
6/27/2019	Assessment	0.03 J1	0.17	13.7	< 0.02 U1	0.03 J1	0.06 J1	0.383	0.555	0.59	< 0.02 U1	< 0.009 U1	< 0.002 U1	0.5 J1	1.5	< 0.1 U1
9/11/2019	Assessment	0.04 J1	0.22	12.0	< 0.02 U1	0.02 J1	0.04 J1	0.266	0.172	0.69	< 0.05 U1	0.00414	< 0.002 U1	0.6 J1	0.3	< 0.1 U1
3/10/2020	Assessment	< 0.02 U1	0.13	10.4	< 0.02 U1	< 0.01 U1	0.335	0.055	0.4889	0.71	< 0.05 U1	0.00225	< 0.002 U1	< 0.4 U1	0.2 J1	< 0.1 U1
5/21/2020	Assessment	0.03 J1	0.11	7.53	< 0.02 U1	0.01 J1	0.325	0.04 J1	0.579	0.77	< 0.05 U1	0.00179	< 0.002 U1	< 0.4 U1	0.1 J1	< 0.1 U1
11/13/2020	Assessment	0.04 J1	0.17	9.07	< 0.02 U1	0.01 J1	0.208	0.297	0.6734	0.92	< 0.05 U1	0.0032	< 0.002 U1	< 0.4 U1	0.08 J1	< 0.1 U1
2/2/2021	Assessment	0.05 J1	0.20	11.8	< 0.02 U1	0.02 J1	0.230	0.324	0.5735	0.91	< 0.05 U1	0.00350	< 0.002 U1	0.4 J1	0.1 J1	< 0.1 U1
5/25/2021	Assessment	0.05 J1	0.13	4.82	< 0.007 U1	0.005 J1	0.18 J1	0.129	0.93	1.02	< 0.05 U1	0.00152	< 0.002 U1	0.2 J1	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	0.04 J1	0.19	10.7	< 0.007 U1	0.022	0.21	0.439	0.67	0.94	< 0.05 U1	0.00381	< 0.002 U1	0.4 J1	0.12 J1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1604D
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.032	70.8	19.6	0.30	7.1	39.1	292
7/18/2016	Background	0.022	67.8	19.3	0.28	6.9	38.6	332
9/19/2016	Background	0.010	69.8	17.8	0.26	7.3	31.9	280
11/15/2016	Background	0.025	74.9	18.0	0.27	7.1	35.0	320
1/9/2017	Background	0.016	72.9	17.1	0.24	7.2	29.6	326
3/7/2017	Background	0.075	67.2	17.4	0.24	7.3	30.4	290
5/8/2017	Background	0.050	71.8	17.3	0.26	7.2	29.2	318
7/18/2017	Background	0.095	63.7	16.9	0.21	7.2	28.7	304
10/3/2017	Detection	0.075	62.7	16.5	0.24	7.3	28.7	318
12/13/2017	Detection	--	--	16.3	0.24	7.3	29.3	--
6/6/2018	Assessment	0.037	67.6	16.1	0.28	7.3	26.3	308
8/14/2018	Assessment	0.052	70.5	16.4	0.26	7.1	26.2	311
5/21/2019	Assessment	0.03 J1	69.3	16.1	0.27	7.2	27.4	309
6/26/2019	Assessment	0.03 J1	69.5	15.8	0.28	7.3	23.2	326
9/10/2019	Assessment	0.02 J1	74.7	15.9	0.28	7.3	24.7	326
3/11/2020	Assessment	--	--	--	0.26	7.1	--	--
5/21/2020	Assessment	0.02 J1	73.9	15.9	0.30	6.8	24.4	329
11/13/2020	Assessment	0.02 J1	68.4	15.1	0.27	6.4	20.9	306
2/3/2021	Assessment	< 0.02 U1	70.0	15.3	0.30	6.7	21.2	310
5/25/2021	Assessment	0.022 J1	71.5	15.2	0.30	7.6	20.6	310
11/9/2021	Assessment	0.021 J1	69.3	15.3	0.29	7.3	18.6	320

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1604D
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.02 J1	14.6	216	< 0.005 U1	< 0.004 U1	0.2	0.119	0.374	0.30	0.098	0.002	< 0.002 U1	3.96	< 0.03 U1	< 0.01 U1
7/18/2016	Background	0.01 J1	17.9	239	< 0.005 U1	< 0.004 U1	0.2	0.086	0.8422	0.28	0.022	0.010	< 0.002 U1	3.33	0.04 J1	< 0.01 U1
9/19/2016	Background	0.01 J1	16.2	234	< 0.005 U1	< 0.004 U1	0.1	0.052	0.377	0.26	0.02 J1	0.004	< 0.002 U1	2.82	< 0.03 U1	< 0.01 U1
11/15/2016	Background	0.03 J1	16.7	247	< 0.005 U1	0.008 J1	0.117	0.047	0.454	0.27	0.02 J1	0.009	< 0.002 U1	2.80	< 0.03 U1	0.02 J1
1/9/2017	Background	0.02 J1	16.9	243	< 0.005 U1	0.007 J1	0.158	0.057	2.235	0.24	0.01 J1	< 0.0002 U1	< 0.002 U1	3.04	0.03 J1	0.095
3/7/2017	Background	0.02 J1	18.4	267	< 0.005 U1	< 0.004 U1	0.267	0.070	0.868	0.24	0.061	0.003	0.002 J1	3.20	0.06 J1	< 0.01 U1
5/8/2017	Background	0.05	18.1	226	0.020	0.02	0.128	0.091	0.744	0.26	0.043	0.004	0.005	2.90	0.1	0.050
7/18/2017	Background	0.02 J1	16.8	249	< 0.004 U1	< 0.005 U1	0.165	0.072	1.079	0.21	0.02 J1	0.002	< 0.002 U1	2.61	< 0.03 U1	< 0.01 U1
6/6/2018	Assessment	0.04 J1	22.1	266	0.004 J1	< 0.005 U1	0.057	0.117	0.942	0.28	0.034	0.007	< 0.002 U1	3.56	< 0.03 U1	< 0.01 U1
8/14/2018	Assessment	0.01 J1	16.6	237	< 0.004 U1	< 0.005 U1	0.04 J1	0.059	0.617	0.26	0.005 J1	< 0.0002 U1	--	2.50	< 0.03 U1	0.01 J1
5/21/2019	Assessment	< 0.02 U1	18.3	235	< 0.02 U1	< 0.01 U1	0.04 J1	0.051	0.771	0.27	0.06 J1	< 0.009 U1	< 0.002 U1	2.52	< 0.03 U1	< 0.1 U1
6/26/2019	Assessment	< 0.02 U1	18.2	263	< 0.02 U1	< 0.01 U1	0.06 J1	0.067	1.164	0.28	0.04 J1	< 0.009 U1	< 0.002 U1	2.58	< 0.03 U1	< 0.1 U1
9/10/2019	Assessment	< 0.02 U1	18.0	257	< 0.02 U1	< 0.01 U1	0.09 J1	0.052	0.859	0.28	< 0.05 U1	0.00157	< 0.002 U1	2.70	< 0.03 U1	< 0.1 U1
3/11/2020	Assessment	< 0.02 U1	17.8	228	< 0.02 U1	< 0.01 U1	0.09 J1	0.052	1.017	0.26	< 0.05 U1	0.00139	< 0.002 U1	2.22	< 0.03 U1	< 0.1 U1
5/21/2020	Assessment	< 0.02 U1	17.9	242	< 0.02 U1	< 0.01 U1	0.2 J1	0.05 J1	1.07	0.30	< 0.05 U1	0.00140	< 0.002 U1	2.35	< 0.03 U1	< 0.1 U1
11/13/2020	Assessment	< 0.02 U1	18.2	250	< 0.02 U1	< 0.01 U1	0.1 J1	0.05 J1	1.853	0.27	< 0.05 U1	0.00154	< 0.002 U1	2.54	< 0.03 U1	< 0.1 U1
2/3/2021	Assessment	< 0.02 U1	18.5	257	< 0.02 U1	< 0.01 U1	0.2 J1	0.055	1.899	0.30	< 0.05 U1	0.00138	< 0.002 U1	2.55	< 0.03 U1	< 0.1 U1
5/25/2021	Assessment	< 0.02 U1	18.5	269 M1, P3	< 0.007 U1	< 0.004 U1	0.05 J1	0.046	1.11	0.30	< 0.05 U1	0.00131	< 0.002 U1	2.5	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	< 0.02 U1	18.3	267	< 0.007 U1	< 0.004 U1	0.20	0.049	1.43	0.29	< 0.05 U1	0.00148	< 0.002 U1	2.5	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.
M1: The associated matrix spike (MS) or matrix spike duplicate (MSD) recovery was outside acceptance limits.
P3: The precision on the matrix spike duplicate (MSD) was above acceptance limits.

Table 1 - Groundwater Data Summary: MW-1604I
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.111	76.5	50.4	0.34	7.1	138	530
7/18/2016	Background	0.185	79.7	53.6	0.33	7.4	152	548
9/19/2016	Background	0.320	73.1	46.5	0.29	7.5	120	504
11/15/2016	Background	0.368	78.7	46.2	0.32	7.3	130	521
1/9/2017	Background	0.241	72.4	39.5	0.31	7.5	99.8	456
3/7/2017	Background	0.252	68.7	41.6	0.31	7.4	104	448
5/9/2017	Background	0.363	81.3	53.4	0.34	7.5	139	546
7/18/2017	Background	0.379	73.5	49.3	0.27	7.3	139	522
10/3/2017	Detection	0.442	69.5	45.2	0.30	7.5	129	502
12/12/2017	Detection	--	--	45.6	0.32	7.5	132	--
1/4/2018	Detection	0.385	--	--	--	7.9	119	504
6/6/2018	Assessment	0.188	62.9	39.4	0.37	7.6	95.4	442
8/14/2018	Assessment	0.193	73.8	43.7	0.33	7.4	112	487
5/21/2019	Assessment	0.254	78.2	70.1	0.34	7.3	181	618
6/27/2019	Assessment	0.278	75.2	63.5	0.38	7.5	167	622
9/10/2019	Assessment	--	--	--	--	7.4	--	--
9/11/2019	Assessment	0.269	71.5	43.6	0.35	--	127	515
3/10/2020	Assessment	--	--	--	0.35	7.2	--	--
5/21/2020	Assessment	0.324	68.1	43.9	0.40	7.8	118	496
11/13/2020	Assessment	0.298	66.3	38.0	0.35	6.4	94.4	439
2/3/2021	Assessment	0.145	56.6	29.6	0.39	6.9	52.0	351
5/25/2021	Assessment	0.108	59.4	32.4	0.40	7.3	68.6	380
11/9/2021	Assessment	0.079	56.9	35.7	0.40	7.5	77.2	400

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1604I
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.02 J1	19.5	124	< 0.005 U1	0.12	0.1	0.893	1.118	0.34	0.02 J1	0.004	< 0.002 U1	2.59	0.03 J1	0.01 J1
7/18/2016	Background	0.02 J1	19.1	132	< 0.005 U1	< 0.004 U1	0.4	0.875	1.299	0.33	0.02 J1	0.011	< 0.002 U1	2.48	< 0.03 U1	0.01 J1
9/19/2016	Background	0.03 J1	20.4	123	< 0.005 U1	< 0.004 U1	0.4	0.742	0.624	0.29	0.02 J1	0.008	< 0.002 U1	2.87	0.07 J1	0.078
11/15/2016	Background	0.04 J1	19.4	123	< 0.005 U1	0.009 J1	0.153	0.704	1.664	0.32	0.045	0.015	< 0.002 U1	2.49	< 0.03 U1	0.02 J1
1/9/2017	Background	0.02 J1	20.2	114	< 0.005 U1	< 0.004 U1	0.114	0.696	1.455	0.31	0.01 J1	0.003	< 0.002 U1	2.84	< 0.03 U1	0.02 J1
3/7/2017	Background	0.02 J1	20.0	117	< 0.005 U1	< 0.004 U1	0.573	0.743	0.671	0.31	0.024	0.009	< 0.002 U1	3.08	0.05 J1	0.02 J1
5/9/2017	Background	0.06	26.4	125	0.020	0.02	0.112	1.03	0.844	0.34	0.043	0.013	0.005	3.02	0.1	0.050
7/18/2017	Background	0.24	19.0	130	< 0.004 U1	0.005 J1	0.208	0.877	1.059	0.27	0.093	0.009	< 0.002 U1	2.75	< 0.03 U1	0.02 J1
6/6/2018	Assessment	0.03 J1	18.7	107	0.004 J1	< 0.005 U1	0.05 J1	0.792	1.089	0.37	0.01 J1	0.012	< 0.002 U1	3	0.03 J1	0.02 J1
8/14/2018	Assessment	0.03 J1	18.5	110	< 0.004 U1	< 0.005 U1	0.075	0.737	0.183	0.33	0.007 J1	0.004	--	2.50	< 0.03 U1	0.052
5/21/2019	Assessment	0.02 J1	21.2	151	< 0.02 U1	< 0.01 U1	0.05 J1	1.03	1.458	0.34	< 0.02 U1	0.01 J1	< 0.002 U1	2.54	0.1 J1	< 0.1 U1
6/27/2019	Assessment	0.02 J1	18.5	135	< 0.02 U1	< 0.01 U1	0.09 J1	0.979	0.888	0.38	< 0.02 U1	< 0.009 U1	< 0.002 U1	2.51	0.1 J1	< 0.1 U1
9/11/2019	Assessment	0.03 J1	20.7	119	< 0.02 U1	< 0.01 U1	0.1 J1	0.735	0.819	0.35	< 0.05 U1	0.00772	< 0.002 U1	2.26	0.05 J1	< 0.1 U1
3/10/2020	Assessment	< 0.02 U1	17.5	96.7	< 0.02 U1	< 0.01 U1	0.09 J1	0.831	1	0.35	< 0.05 U1	0.00775	< 0.002 U1	2.10	< 0.03 U1	< 0.1 U1
5/21/2020	Assessment	0.02 J1	18.7	102	< 0.02 U1	< 0.01 U1	0.09 J1	0.763	1.32	0.40	< 0.05 U1	0.00714	< 0.002 U1	2.19	0.07 J1	< 0.1 U1
11/13/2020	Assessment	0.02 J1	27.9	101	< 0.02 U1	< 0.01 U1	0.2 J1	0.63	1.186	0.35	< 0.05 U1	0.00674	< 0.002 U1	2.19	< 0.03 U1	< 0.1 U1
2/3/2021	Assessment	0.02 J1	24.4	83.3	< 0.02 U1	< 0.01 U1	0.235	0.460	1.423	0.39	< 0.05 U1	0.00555	< 0.002 U1	2.34	< 0.03 U1	< 0.1 U1
5/25/2021	Assessment	0.09 J1	22.1	88.9	< 0.007 U1	< 0.004 U1	0.08 J1	0.497	0.9	0.40	< 0.05 U1	0.00568	< 0.002 U1	2.2	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	0.17	56.7	102	0.025 J1	0.005 J1	0.53	0.478	2.41	0.40	0.17 J1	0.00539	< 0.002 U1	2.2	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1604S
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.653	84.5	62.6	0.89	7.2	187	532
7/20/2016	Background	0.530	79.8	60.8	0.88	7.3	186	526
9/19/2016	Background	0.650	68.1	50.3	0.92	7.5	141	456
11/15/2016	Background	0.736	82.9	58.3	0.83	--	165	533
1/9/2017	Background	0.721	83.9	63.5	0.91	7.4	173	535
3/7/2017	Background	0.725	79.1	64.1	0.94	7.5	170	528
5/8/2017	Background	0.554	111	88.0	0.81	7.5	251	672
5/18/2017	Background	--	--	--	--	7.3	--	--
7/17/2017	Background	0.473	98.6	76.0	0.76	7.3	234	657
10/3/2017	Detection	0.562	67.8	55.3	0.87	7.7	123	462
12/12/2017	Detection	--	--	53.9	0.97	7.7	112	--
1/4/2018	Detection	0.778	--	54.5	1.02	8.0	104	--
6/6/2018	Assessment	0.521	72.5	53.7	1.04	7.7	134	474
8/14/2018	Assessment	0.582	92.6	73.0	0.90	7.4	187	583
5/20/2019	Assessment	0.451	80.4	57.2	0.99	7.5	179	572
6/26/2019	Assessment	0.667	75.8	81.4	0.91	7.5	246	718
9/10/2019	Assessment	0.802	53.1	57.6	1.63	7.5	134	506
3/10/2020	Assessment	--	--	--	1.05	7.4	--	--
5/21/2020	Assessment	0.544	50.2	40.2	1.26	8.1	99.7	405
11/13/2020	Assessment	0.559	59.5	58.6	1.03	6.5	93.8	428
2/3/2021	Assessment	0.639	66.0	63.6	1.04	7.1	93.8	445
5/25/2021	Assessment	0.526	52.1	47.9	1.07	9.1	83.6	380
11/9/2021	Assessment	0.564	65.9	70.0	0.92	6.9	92.7	470

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1604S
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.06	0.41	19.2	0.007 J1	0.02	0.2	0.548	0.3437	0.89	0.315	0.011	< 0.002 U1	2.57	0.07 J1	0.02 J1
7/20/2016	Background	0.13	0.76	21.7	0.059	0.09	0.6	0.955	0.9695	0.88	0.911	0.006	< 0.002 U1	2.33	0.2	0.057
9/19/2016	Background	0.06	0.24	13.3	< 0.005 U1	0.01 J1	0.5	0.325	1.126	0.92	0.060	0.008	< 0.002 U1	2.51	0.07 J1	0.05 J1
11/15/2016	Background	0.07	0.24	18.5	0.005 J1	0.03	0.081	0.326	0.377	0.83	0.045	0.014	< 0.002 U1	4.79	0.05 J1	0.096
1/9/2017	Background	0.06	0.31	17.3	< 0.005 U1	0.02 J1	0.701	0.338	1.629	0.91	0.02 J1	0.013	< 0.002 U1	2.59	0.06 J1	0.04 J1
3/7/2017	Background	0.05	0.20	16.0	< 0.005 U1	0.01 J1	0.326	0.321	0.151	0.94	0.027	0.013	< 0.002 U1	2.61	0.07 J1	0.03 J1
5/8/2017	Background	0.07	0.30	18.8	0.020	0.02	0.079	0.355	0.579	0.81	0.050	0.018	0.005	2.16	0.1	0.050
7/17/2017	Background	0.07	0.24	20.7	< 0.004 U1	0.02 J1	0.136	0.285	0.731	0.76	0.064	0.014	< 0.002 U1	1.88	0.03 J1	0.02 J1
6/6/2018	Assessment	0.06	0.2	14.1	< 0.004 U1	0.02 J1	0.056	0.407	1.058	1.04	0.04	0.014	< 0.002 U1	2.5	0.05 J1	0.02 J1
8/14/2018	Assessment	0.05 J1	0.20	16.3	< 0.004 U1	0.02 J1	0.088	0.365	0.444	0.90	0.009 J1	0.009	--	2.21	0.2	0.03 J1
5/20/2019	Assessment	0.06 J1	0.18	18.8	< 0.02 U1	0.03 J1	0.219	0.352	0.677	0.99	0.03 J1	< 0.009 U1	< 0.002 U1	2.29	0.07 J1	< 0.1 U1
6/26/2019	Assessment	0.04 J1	0.47	46.1	< 0.02 U1	0.02 J1	0.1 J1	1.13	0.565	0.91	0.122	0.01 J1	< 0.002 U1	1 J1	0.2	< 0.1 U1
9/10/2019	Assessment	0.06 J1	0.26	12.0	< 0.02 U1	0.02 J1	0.202	0.207	0.115	1.63	< 0.05 U1	0.00913	< 0.002 U1	4.72	0.1 J1	< 0.1 U1
3/10/2020	Assessment	0.02 J1	0.18	13.0	< 0.02 U1	0.02 J1	0.1 J1	0.384	0.941	1.05	< 0.05 U1	0.00972	< 0.002 U1	2.90	0.07 J1	< 0.1 U1
5/21/2020	Assessment	0.06 J1	0.20	12.9	< 0.02 U1	0.02 J1	0.1 J1	0.297	0.996	1.26	< 0.05 U1	0.00689	< 0.002 U1	3.09	0.1 J1	< 0.1 U1
11/13/2020	Assessment	0.08 J1	0.17	10.5	< 0.02 U1	0.03 J1	0.2 J1	0.285	0.2723	1.03	< 0.05 U1	0.00868	< 0.002 U1	2.94	0.09 J1	< 0.1 U1
2/3/2021	Assessment	0.06 J1	0.18	11.5	< 0.02 U1	0.03 J1	0.1 J1	0.355	2.752	1.04	< 0.05 U1	0.00902	< 0.002 U1	3.10	0.07 J1	< 0.1 U1
5/25/2021	Assessment	0.07 J1	0.17	10.1	< 0.007 U1	0.031	0.14 J1	0.27	0.35	1.07	< 0.05 U1	0.00777	< 0.002 U1	3.1	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	0.05 J1	0.20	11.7	< 0.007 U1	0.018 J1	0.24	0.271	1.12	0.92	< 0.05 U1	0.00870	< 0.002 U1	2.9	0.13 J1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1605D
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.027	81.7	31.9	0.25	7.1	59.7	406
7/18/2016	Background	0.021	85.7	31.5	0.22	7.2	61.6	408
9/19/2016	Background	0.002 J1	84.2	29.8	0.19	7.1	54.1	370
11/16/2016	Background	0.021	93.9	28.8	0.21	7.1	56.2	400
1/10/2017	Background	0.014	89.9	27.4	0.21	7.3	55.1	794
1/11/2017	Background	--	--	--	--	7.2	--	--
3/7/2017	Background	0.045	88.5	29.4	0.19	7.2	58.4	386
5/9/2017	Background	0.021	90.1	29.2	0.19	6.9	58.5	400
7/18/2017	Background	0.025	84.6	28.6	0.17	9.5	59.1	416
10/3/2017	Detection	0.022	83.1	26.4	0.18	7.1	56.8	390
12/11/2017	Detection	--	--	25.8	0.19	--	56.4	--
6/6/2018	Assessment	0.03	81.5	24.2	0.16	7.3	49.2	388
8/15/2018	Assessment	0.024	88.6	23.8	0.23	7.1	48.7	379
5/24/2019	Assessment	0.02 J1	75.7	22.1	0.24	6.9	38.9	364
6/25/2019	Assessment	< 0.02 U1	82.1	22.1	0.21	7.3	40.3	379
9/12/2019	Assessment	< 0.02 U1	84.0	23.7	0.22	7.0	45.1	388
3/9/2020	Assessment	--	--	--	0.20	7.0	--	--
5/20/2020	Assessment	< 0.02 U1	85.0	25.1	0.23	6.9	45.9	382
11/13/2020	Assessment	< 0.02 U1	76.6	24.4	0.21	7.0	43.2	367
2/4/2021	Assessment	< 0.02 U1	79.0	25.0	0.24	6.8	43.1	369
5/25/2021	Assessment	0.017 J1	76.8	23.8	0.23	8.9	41.0	360
11/10/2021	Assessment	0.014 J1	76.0	23.3	0.22	7.4	37.8	370

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1605D
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.02 J1	17.5	400	< 0.005 U1	< 0.004 U1	0.2	0.284	1.094	0.25	0.051	0.004	< 0.002 U1	7.65	0.03 J1	< 0.01 U1
7/18/2016	Background	0.01 J1	17.4	434	< 0.005 U1	< 0.004 U1	0.3	0.170	1.666	0.22	0.051	0.005	< 0.002 U1	3.19	< 0.03 U1	< 0.01 U1
9/19/2016	Background	0.01 J1	18.1	488	< 0.005 U1	< 0.004 U1	0.3	0.118	0.873	0.19	0.009 J1	0.006	< 0.002 U1	2.72	< 0.03 U1	< 0.01 U1
11/16/2016	Background	0.01 J1	18.6	453	< 0.005 U1	< 0.004 U1	0.259	0.097	1.371	0.21	0.008 J1	0.006	< 0.002 U1	2.21	< 0.03 U1	0.01 J1
1/10/2017	Background	0.01 J1	19.0	430	< 0.005 U1	< 0.004 U1	0.128	0.086	1.589	0.21	< 0.004 U1	0.004	< 0.002 U1	2.21	< 0.03 U1	< 0.01 U1
3/7/2017	Background	0.02 J1	19.1	490	< 0.005 U1	0.006 J1	0.322	0.107	1.104	0.19	0.045	0.006	< 0.002 U1	2.44	0.03 J1	< 0.01 U1
5/9/2017	Background	0.05	18.3	420	0.020	0.02	0.131	0.108	0.4527	0.19	0.037	0.003	0.005	2.08	0.1	0.050
7/18/2017	Background	0.02 J1	17.9	457	< 0.004 U1	< 0.005 U1	0.119	0.111	1.657	0.17	0.009 J1	0.005	< 0.002 U1	1.98	< 0.03 U1	0.03 J1
6/6/2018	Assessment	0.02 J1	18.2	382	0.01 J1	< 0.005 U1	0.272	0.188	1.978	0.16	0.273	0.007	< 0.002 U1	1.97	0.04 J1	< 0.01 U1
8/15/2018	Assessment	0.01 J1	20.3	443	< 0.004 U1	< 0.005 U1	0.077	0.079	0.605	0.23	0.035	0.003	--	1.94	< 0.03 U1	< 0.01 U1
5/24/2019	Assessment	0.05 J1	13.9	385	< 0.02 U1	< 0.01 U1	0.06 J1	0.255	1.116	0.24	< 0.02 U1	< 0.009 U1	< 0.002 U1	2.60	< 0.03 U1	< 0.1 U1
6/25/2019	Assessment	< 0.02 U1	18.3	365	< 0.02 U1	< 0.01 U1	0.2 J1	0.104	0.655	0.21	0.05 J1	< 0.009 U1	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
9/12/2019	Assessment	< 0.02 U1	21.2	471	< 0.02 U1	< 0.01 U1	0.652	0.084	0.896	0.22	< 0.05 U1	0.00176	< 0.002 U1	2.08	< 0.03 U1	< 0.1 U1
3/9/2020	Assessment	< 0.02 U1	19.9	448	< 0.02 U1	< 0.01 U1	0.1 J1	0.069	1.802	0.20	< 0.05 U1	0.00178	< 0.002 U1	2 J1	0.04 J1	< 0.1 U1
5/20/2020	Assessment	< 0.02 U1	20.7	436	< 0.02 U1	< 0.01 U1	0.1 J1	0.074	2.158	0.23	< 0.05 U1	0.00180	< 0.002 U1	2.05	0.05 J1	< 0.1 U1
11/13/2020	Assessment	< 0.02 U1	21.1	445	< 0.02 U1	< 0.01 U1	0.2 J1	0.06	1.119	0.21	< 0.05 U1	0.00156	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
2/4/2021	Assessment	< 0.02 U1	21.5	457	< 0.02 U1	< 0.01 U1	0.226	0.054	1.102	0.24	< 0.05 U1	0.00161	< 0.002 U1	2 J1	0.04 J1	< 0.1 U1
5/25/2021	Assessment	0.04 J1	20.9	445	< 0.007 U1	0.006 J1	0.08 J1	0.053	1.03	0.23	< 0.05 U1	0.00153	< 0.002 U1	1.9	< 0.09 U1	< 0.04 U1
11/10/2021	Assessment	< 0.02 U1	21.3	450	< 0.007 U1	< 0.004 U1	0.27	0.057	1.17	0.22	< 0.05 U1	0.00154	< 0.002 U1	1.9	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1605I
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.027	89.5	45.6	0.21	7.0	130	522
7/19/2016	Background	0.027	92.5	46.8	0.22	7.3	135	544
9/19/2016	Background	0.020	97.9	45.6	0.18	7.3	140	548
11/16/2016	Background	0.034	103	44.4	0.19	7.1	140	567
1/10/2017	Background	0.020	91.3	43.5	0.19	7.2	119	534
3/7/2017	Background	0.046	81.9	44.7	0.17	7.3	115	474
5/9/2017	Background	0.043	93.5	41.8	0.19	7.0	115	508
7/18/2017	Background	0.036	79.9	39.7	0.1 J1	7.0	116	488
10/3/2017	Detection	0.041	82.5	40.7	0.19	7.2	120	494
12/11/2017	Detection	--	--	41.3	0.18	7.3	135	--
1/4/2018	Detection	--	--	--	--	7.6	144	536
6/6/2018	Assessment	0.129	79.2	39.1	0.16	7.3	120	500
8/15/2018	Assessment	0.158	83.4	38.0	0.23	7.3	114	483
5/24/2019	Assessment	0.08 J1	73.8	36.8	0.23	7.3	89.2	443
6/25/2019	Assessment	0.126	83.4	38.3	0.21	7.4	104	471
9/12/2019	Assessment	0.199	89.4	41.7	0.20	7.4	128	524
3/10/2020	Assessment	--	--	--	0.21	7.1	--	--
5/20/2020	Assessment	0.097	90.1	37.8	0.23	6.9	109	476
11/13/2020	Assessment	0.060	73.3	32.8	0.21	7.1	86.2	429
2/4/2021	Assessment	0.04 J1	74.2	32.9	0.24	6.9	85.1	424
5/26/2021	Assessment	0.039 J1	80.4	35.6	0.24	9.5	97.2	450
11/10/2021	Assessment	0.040 J1	81.1	36.3	0.21	7.5	106	470

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1605I
Rockport - BAP
Appendix IV Constituents

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.02 J1	17.3	151	< 0.005 U1	< 0.004 U1	0.2	1.67	1.219	0.21	0.122	0.004	< 0.002 U1	1.42	0.03 J1	0.02 J1
7/19/2016	Background	0.03 J1	20.1	178	< 0.005 U1	< 0.004 U1	1.2	1.79	2.288	0.22	0.032	0.005	< 0.002 U1	1.39	0.07 J1	0.02 J1
9/19/2016	Background	0.04 J1	19.5	180	< 0.005 U1	0.005 J1	0.2	1.66	2.171	0.18	0.160	0.008	< 0.002 U1	1.23	< 0.03 U1	0.03 J1
11/16/2016	Background	0.04 J1	18.0	168	< 0.005 U1	0.008 J1	0.091	1.58	1.912	0.19	0.079	0.017	< 0.002 U1	1.07	< 0.03 U1	0.03 J1
1/10/2017	Background	0.03 J1	18.5	161	< 0.005 U1	< 0.004 U1	0.110	1.52	1.823	0.19	0.02 J1	0.004	< 0.002 U1	1.43	0.04 J1	0.183
3/7/2017	Background	0.03 J1	18.6	156	< 0.005 U1	0.008 J1	0.214	1.48	1.721	0.17	0.063	0.007	< 0.002 U1	1.33	0.04 J1	0.03 J1
5/9/2017	Background	0.05	20.1	148	0.020	0.02	0.137	1.56	1.139	0.19	0.037	0.010	0.005	1.18	0.1	0.050
7/18/2017	Background	0.05 J1	26.2	153	< 0.004 U1	< 0.005 U1	0.104	1.49	2.173	0.1 J1	0.137	0.010	< 0.002 U1	1.16	< 0.03 U1	0.03 J1
6/6/2018	Assessment	0.03 J1	17	135	0.004 J1	< 0.005 U1	0.04 J1	1.47	2.27	0.16	0.184	0.011	< 0.002 U1	1.06	< 0.03 U1	0.04 J1
8/15/2018	Assessment	0.03 J1	18.8	149	0.004 J1	< 0.005 U1	0.116	1.45	1.167	0.23	0.095	0.005	--	1.12	< 0.03 U1	0.04 J1
5/24/2019	Assessment	0.04 J1	25.3	157	< 0.02 U1	< 0.01 U1	0.07 J1	1.12	1.054	0.23	0.04 J1	0.01 J1	< 0.002 U1	1 J1	0.04 J1	< 0.1 U1
6/25/2019	Assessment	< 0.1 U1	17.8	134	< 0.1 U1	< 0.05 U1	< 0.2 U1	1.29	2.118	0.21	< 0.1 U1	0.01 J1	< 0.002 U1	< 2 U1	< 0.2 U1	< 0.5 U1
9/12/2019	Assessment	0.05 J1	22.3	154	< 0.02 U1	< 0.01 U1	0.1 J1	1.42	1.679	0.20	0.1 J1	0.00628	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
3/10/2020	Assessment	< 0.02 U1	25.7	149	< 0.02 U1	< 0.01 U1	0.1 J1	1.12	1.641	0.21	< 0.05 U1	0.00517	< 0.002 U1	1 J1	0.04 J1	< 0.1 U1
5/20/2020	Assessment	0.16	54.2	139	< 0.02 U1	< 0.01 U1	0.227	1.26	1.169	0.23	0.2 J1	0.00520	< 0.002 U1	1 J1	0.06 J1	< 0.1 U1
11/13/2020	Assessment	0.09 J1	28.1	126	< 0.02 U1	< 0.01 U1	0.232	1.24	1.672	0.21	0.2 J1	0.00513	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
2/4/2021	Assessment	0.04 J1	20.0	127	< 0.02 U1	< 0.01 U1	0.2 J1	1.12	1.611	0.24	0.06 J1	0.00497	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
5/26/2021	Assessment	0.06 J1	20.1	136	< 0.007 U1	< 0.004 U1	0.12 J1	1.13	1.36	0.24	< 0.05 U1	0.00482	< 0.002 U1	1.3	< 0.09 U1	< 0.04 U1
11/10/2021	Assessment	0.03 J1	17.5	120	< 0.007 U1	0.023	0.27	1.32	2.54	0.21	0.26	0.00518	< 0.002 U1	1.3	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1605S
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.48	76.6	51.0	0.55	7.1	167	576
7/19/2016	Background	0.438	72.6	53.1	0.55	7.2	174	586
9/19/2016	Background	0.482	79.1	54.0	0.51	7.3	179	594
11/16/2016	Background	0.584	84.0	49.7	0.53	7.1	186	599
1/10/2017	Background	0.533	78.5	48.2	0.43	7.2	170	584
3/7/2017	Background	0.608	71.2	52.0	0.55	7.2	180	564
5/9/2017	Background	0.470	79.9	50.1	0.50	7.2	181	606
7/17/2017	Background	0.490	68.6	47.5	0.43	7.1	177	582
10/3/2017	Detection	0.539	71.6	44.1	0.46	7.1	175	578
12/11/2017	Detection	--	--	42.5	0.53	7.2	164	--
1/4/2018	Detection	0.616	--	--	0.48	7.7	168	614
6/5/2018	Assessment	0.461	71	46.5	0.58	7.6	154	592
8/15/2018	Assessment	0.029	45.8	46.5	0.59	7.1	153	573
5/24/2019	Assessment	0.415	76.0	46.1	0.61	7.3	147	586
6/27/2019	Assessment	0.438	72.0	46.3	0.63	7.2	150	595
9/12/2019	Assessment	0.431	77.0	49.4	0.54	7.0	162	593
3/10/2020	Assessment	--	--	--	0.56	6.9	--	--
5/21/2020	Assessment	0.501	84.7	55.5	0.60	6.9	195	656
11/13/2020	Assessment	0.555	72.7	48.4	0.54	6.9	167	609
2/4/2021	Assessment	0.481	71.8	50.9	0.58	6.7	174	610
5/26/2021	Assessment	0.500	74.9	52.7	0.57	9.5	178	610
11/10/2021	Assessment	0.476	71.3	50.7	0.54	7.0	173	590

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1605S
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.04 J1	0.52	8.07	< 0.005 U1	0.03	0.2	0.471	0.2307	0.55	0.116	0.13	< 0.002 U1	2.52	1.3	0.02 J1
7/19/2016	Background	0.10	0.60	8.65	< 0.005 U1	0.04	0.4	0.856	0.39	0.55	0.223	0.017	< 0.002 U1	2.20	1.0	0.02 J1
9/19/2016	Background	0.04 J1	0.42	7.61	< 0.005 U1	0.03	0.9	0.443	0.15	0.51	0.049	0.015	< 0.002 U1	1.83	1.0	0.03 J1
11/16/2016	Background	0.05	0.36	7.76	< 0.005 U1	0.04	0.108	0.355	0.964	0.53	0.021	0.021	< 0.002 U1	1.79	1.1	0.03 J1
1/10/2017	Background	0.06	0.50	8.33	< 0.005 U1	0.04	0.135	0.401	1.6248	0.43	0.02 J1	0.016	< 0.002 U1	2.01	1.1	0.060
3/7/2017	Background	0.04 J1	0.39	8.72	< 0.005 U1	0.03	0.279	0.307	0.339	0.55	0.033	0.015	< 0.002 U1	1.85	0.5	0.03 J1
5/9/2017	Background	0.05	0.45	8.41	0.020	0.03	0.247	0.370	0.255	0.50	0.020	0.013	0.005	1.81	0.9	0.050
7/17/2017	Background	0.04 J1	0.42	8.55	< 0.004 U1	0.03	0.113	0.336	1.254	0.43	0.026	0.015	< 0.002 U1	1.73	1.2	0.03 J1
6/5/2018	Assessment	0.04 J1	0.42	8.63	0.004 J1	0.03	0.093	0.321	0.705	0.58	0.042	0.016	< 0.002 U1	1.75	0.6	0.05 J1
8/15/2018	Assessment	0.04 J1	0.20	10.9	< 0.004 U1	0.03	0.078	0.087	0.1783	0.59	0.041	0.007	--	1.13	5.4	0.02 J1
5/24/2019	Assessment	0.15	2.84	15.4	0.04 J1	0.11	0.636	3.91	0.2689	0.61	1.96	0.02 J1	< 0.002 U1	2 J1	0.3	< 0.1 U1
6/27/2019	Assessment	0.11	2.44	12.5	0.04 J1	0.07	0.536	2.46	0.245	0.63	1.52	< 0.009 U1	< 0.002 U1	2 J1	0.5	0.1 J1
9/12/2019	Assessment	0.04 J1	0.61	6.72	< 0.02 U1	0.04 J1	0.09 J1	0.469	0.00129	0.54	0.1 J1	0.0108	< 0.002 U1	2.07	2.0	< 0.1 U1
3/10/2020	Assessment	0.04 J1	1.57	11.9	0.02 J1	0.05 J1	1.13	2.11	1.8805	0.56	0.920	0.0119	< 0.002 U1	2 J1	0.3	< 0.1 U1
5/21/2020	Assessment	0.05 J1	0.59	8.92	< 0.02 U1	0.04 J1	0.2 J1	0.575	1.007	0.60	0.2 J1	0.0113	< 0.002 U1	1 J1	0.4	< 0.1 U1
11/13/2020	Assessment	0.03 J1	0.47	6.32	< 0.02 U1	0.04 J1	1.12	0.377	2.5781	0.54	< 0.05 U1	0.0105	< 0.002 U1	2.21	0.8	< 0.1 U1
2/4/2021	Assessment	0.03 J1	0.47	6.04	< 0.02 U1	0.04 J1	0.928	0.361	0.544	0.58	< 0.05 U1	0.0104	< 0.002 U1	2 J1	0.6	< 0.1 U1
5/26/2021	Assessment	0.03 J1	0.45	6.85	< 0.007 U1	0.038	0.52	0.343	0.94	0.57	< 0.05 U1	0.0105	< 0.002 U1	1.8	0.71	< 0.04 U1
11/10/2021	Assessment	0.05 J1	0.46	6.29	< 0.007 U1	0.041	1.39	0.378	1.19	0.54	< 0.05 U1	0.0100	< 0.002 U1	1.8	0.27 J1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1606D
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.020	67.5	21.3	0.23	7.1	13.9	290
7/19/2016	Background	0.018	69.9	20.8	0.20	5.9	12.8	298
9/19/2016	Background	0.020	72.3	21.7	0.19	7.3	13.2	290
11/16/2016	Background	0.017	77.1	22.0	0.19	7.2	16.4	301
1/10/2017	Background	0.012	75.5	21.6	0.16	7.2	12.8	284
3/6/2017	Background	0.073	69.9	22.3	0.18	7.2	8.7	325
5/9/2017	Background	0.034	78.1	22.3	0.17	6.9	14.4	308
7/18/2017	Background	0.028	69.3	21.6	0.15	8.4	13.5	307
10/3/2017	Detection	0.022	74.4	22.3	0.16	7.0	17.1	308
12/11/2017	Detection	--	--	22.6	0.17	7.1	19.4	--
6/6/2018	Assessment	0.044	72	23.1	0.19	8.0	19.9	331
8/15/2018	Assessment	0.028	80.5	23.9	0.20	7.3	21.5	329
5/24/2019	Assessment	0.02 J1	75.7	25.0	0.20	7.2	19.6	330
6/24/2019	Assessment	0.02 J1	80.8	25.2	0.19	7.3	21.0	329
9/12/2019	Assessment	< 0.02 U1	76.7	26.9	0.18	7.3	25.6	361
3/9/2020	Assessment	--	--	--	0.17	6.9	--	--
5/20/2020	Assessment	0.03 J1	89.7	29.9	0.20	6.9	30.7	354
11/16/2020	Assessment	< 0.02 U1	81.1	28.9	0.18	7.3	30.8	371
2/4/2021	Assessment	< 0.02 U1	82.6	29.0	0.20	7.4	32.8	348
5/25/2021	Assessment	0.019 J1	81.6	28.4	0.20	8.9	33.4	350
11/10/2021	Assessment	0.017 J1	84.6	27.5	0.19	7.1	31.0	360

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1606D
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.03 J1	11.5	327	0.01 J1	< 0.004 U1	0.5	0.508	0.551	0.23	0.214	0.003	< 0.002 U1	3.82	0.06 J1	< 0.01 U1
7/19/2016	Background	0.02 J1	13.7	372	< 0.005 U1	< 0.004 U1	0.3	0.178	0.464	0.20	0.086	0.009	< 0.002 U1	2.10	0.05 J1	< 0.01 U1
9/19/2016	Background	0.01 J1	13.4	378	< 0.005 U1	< 0.004 U1	0.1	0.113	1.152	0.19	< 0.004 U1	0.002	< 0.002 U1	2.00	< 0.03 U1	< 0.01 U1
11/16/2016	Background	0.01 J1	14.4	419	< 0.005 U1	< 0.004 U1	0.138	0.102	0.333	0.19	< 0.004 U1	0.002	< 0.002 U1	2.21	< 0.03 U1	< 0.01 U1
1/10/2017	Background	0.03 J1	13.9	383	0.034	0.02 J1	0.160	0.109	1.612	0.16	0.023	< 0.0002 U1	< 0.002 U1	2.46	0.04 J1	0.124
3/6/2017	Background	0.01 J1	13.5	374	< 0.005 U1	< 0.004 U1	0.667	0.098	0.924	0.18	0.02 J1	0.007	< 0.002 U1	2.00	< 0.03 U1	< 0.01 U1
5/9/2017	Background	0.05	14.3	370	0.020	0.02	0.153	0.086	2.3	0.17	0.020	0.004	0.005	2.07	0.1	0.050
7/18/2017	Background	0.02 J1	14.8	401	< 0.004 U1	< 0.005 U1	0.131	0.084	1.584	0.15	0.01 J1	0.006	< 0.002 U1	1.85	< 0.03 U1	< 0.01 U1
6/6/2018	Assessment	< 0.01 U1	14.7	392	0.004 J1	< 0.005 U1	0.04 J1	0.07	1.5971	0.19	0.008 J1	0.005	< 0.002 U1	1.77	< 0.03 U1	0.03 J1
8/15/2018	Assessment	0.04 J1	16.9	431	0.006 J1	0.007 J1	0.148	0.117	0.56	0.20	0.141	0.002	--	1.77	< 0.03 U1	0.02 J1
5/24/2019	Assessment	< 0.02 U1	17.4	447	< 0.02 U1	< 0.01 U1	0.1 J1	0.066	0.946	0.20	< 0.02 U1	< 0.009 U1	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
6/24/2019	Assessment	< 0.02 U1	17.5	431	< 0.02 U1	< 0.01 U1	0.1 J1	0.068	0.809	0.19	0.02 J1	< 0.009 U1	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
9/12/2019	Assessment	< 0.02 U1	17.4	458	< 0.02 U1	< 0.01 U1	0.09 J1	0.085	0.593	0.18	< 0.05 U1	0.000651	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
3/9/2020	Assessment	< 0.02 U1	17.2	470	0.02 J1	< 0.01 U1	0.05 J1	0.053	0.98	0.17	0.05 J1	0.000659	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
5/20/2020	Assessment	< 0.02 U1	17.9	472	< 0.02 U1	< 0.01 U1	0.07 J1	0.063	0.939	0.20	0.2 J1	0.000622	< 0.002 U1	2.13	0.09 J1	< 0.1 U1
11/16/2020	Assessment	< 0.02 U1	17.7	467	< 0.02 U1	< 0.01 U1	0.287	0.052	0.924	0.18	< 0.05 U1	0.000564	< 0.002 U1	2 J1	0.04 J1	< 0.1 U1
2/4/2021	Assessment	< 0.02 U1	18.2	470	< 0.02 U1	< 0.01 U1	0.208	0.052	0.567	0.20	< 0.05 U1	0.000505	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
5/25/2021	Assessment	< 0.02 U1	18.3	494	< 0.007 U1	< 0.004 U1	< 0.04 U1	0.050	0.70	0.20	< 0.05 U1	0.00050	< 0.002 U1	1.7	< 0.09 U1	< 0.04 U1
11/10/2021	Assessment	< 0.02 U1	18.1	488	< 0.007 U1	< 0.004 U1	0.24	0.043	1.76	0.19	< 0.05 U1	0.00049	< 0.002 U1	1.7	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1606I
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.011	66.6	23.9	0.22	7.0	42.3	300
7/19/2016	Background	0.013	62.0	25.1	0.21	5.0	42.9	350
9/19/2016	Background	< 0.002 U1	62.8	24.2	0.19	7.2	36.7	314
11/16/2016	Background	0.014	70.7	25.0	0.21	7.3	42.6	325
1/10/2017	Background	0.007	68.0	24.5	0.17	7.4	39.3	326
3/6/2017	Background	0.025	64.1	23.8	0.19	7.4	37.8	317
5/9/2017	Background	0.070	67.8	23.0	0.19	7.4	36.8	318
7/18/2017	Background	0.023	55.5	22.6	0.17	6.7	37.1	304
10/3/2017	Detection	0.021	57.8	23.0	0.18	7.1	38.4	304
12/11/2017	Detection	--	--	23	0.19	7.1	37.9	--
6/6/2018	Assessment	0.053	78.2	31.5	0.2	8.1	52.4	392
8/15/2018	Assessment	0.031	86.3	25.4	0.21	7.3	50.3	387
5/21/2019	Assessment	0.02 J1	79.5	29.8	0.16	8.6	55.5	407
6/25/2019	Assessment	< 0.02 U1	86.8	31.5	0.18	7.2	51.0	406
9/12/2019	Assessment	< 0.02 U1	72.8	20.1	0.18	7.4	47.9	367
3/9/2020	Assessment	--	--	--	0.19	7.0	--	--
5/20/2020	Assessment	< 0.02 U1	74.7	19.2	0.21	6.9	43.8	340
11/16/2020	Assessment	< 0.02 U1	60.9	19.9	0.21	7.4	39.1	309
2/5/2021	Assessment	< 0.02 U1	63.8	21.0	0.24	7.5	40.7	316
5/25/2021	Assessment	0.013 J1	65.4	20.6	0.24	8.9	40.4	320
11/10/2021	Assessment	0.012 J1	62.5	19.3	0.23	7.6	39.2	310

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1606I
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.03 J1	3.00	49.4	< 0.005 U1	0.004 J1	0.2	0.929	1.347	0.22	0.166	0.004	< 0.002 U1	1.64	0.05 J1	0.03 J1
7/19/2016	Background	0.03 J1	3.99	54.0	< 0.005 U1	< 0.004 U1	0.4	0.823	1.286	0.21	0.037	0.013	< 0.002 U1	1.57	< 0.03 U1	0.03 J1
9/19/2016	Background	0.02 J1	4.99	46.7	< 0.005 U1	< 0.004 U1	0.1	0.733	1.104	0.19	0.02 J1	0.009	< 0.002 U1	1.50	< 0.03 U1	0.03 J1
11/16/2016	Background	0.02 J1	4.59	48.1	< 0.005 U1	< 0.004 U1	0.070	0.700	0.951	0.21	< 0.004 U1	0.008	< 0.002 U1	1.83	< 0.03 U1	0.04 J1
1/10/2017	Background	0.02 J1	5.11	53.6	0.007 J1	0.01 J1	0.138	0.921	4.283	0.17	0.022	0.005	< 0.002 U1	2.12	< 0.03 U1	0.05 J1
3/6/2017	Background	0.02 J1	5.07	54.7	< 0.005 U1	< 0.004 U1	0.524	0.950	0.934	0.19	0.032	0.007	< 0.002 U1	1.78	0.03 J1	0.04 J1
5/9/2017	Background	0.05	4.81	49.9	0.020	0.02	0.179	1.26	0.677	0.19	0.071	0.008	0.005	1.27	0.1	0.050
7/18/2017	Background	0.02 J1	4.72	51.1	< 0.004 U1	< 0.005 U1	0.097	1.06	0.813	0.17	0.043	0.008	< 0.002 U1	1.11	< 0.03 U1	0.04 J1
6/6/2018	Assessment	0.03 J1	5.69	67.3	< 0.004 U1	< 0.005 U1	0.083	1.49	1.252	0.2	0.026	0.007	< 0.002 U1	0.98	< 0.03 U1	0.05 J1
8/15/2018	Assessment	0.03 J1	9.11	85.2	< 0.004 U1	0.005 J1	0.061	1.95	0.3912	0.21	0.034	0.006	--	1.34	< 0.03 U1	0.083
5/21/2019	Assessment	< 0.02 U1	7.69	74.5	< 0.02 U1	< 0.01 U1	< 0.04 U1	1.56	0.562	0.16	< 0.02 U1	< 0.009 U1	< 0.002 U1	0.8 J1	< 0.03 U1	< 0.1 U1
6/25/2019	Assessment	< 0.1 U1	7.96	78.1	< 0.1 U1	< 0.05 U1	< 0.2 U1	1.80	1.214	0.18	< 0.1 U1	0.01 J1	< 0.002 U1	< 2 U1	< 0.2 U1	< 0.5 U1
9/12/2019	Assessment	0.02 J1	11.2	76.7	< 0.02 U1	< 0.01 U1	0.1 J1	1.58	0.947	0.18	< 0.05 U1	0.00405	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
3/9/2020	Assessment	< 0.02 U1	8.69	65.2	< 0.02 U1	< 0.01 U1	0.05 J1	1.23	0.993	0.19	< 0.05 U1	0.00348	< 0.002 U1	1 J1	0.05 J1	< 0.1 U1
5/20/2020	Assessment	< 0.02 U1	8.40	61.8	< 0.02 U1	< 0.01 U1	0.1 J1	1.28	0.663	0.21	0.2 J1	0.00326	< 0.002 U1	1 J1	0.03 J1	< 0.1 U1
11/16/2020	Assessment	< 0.02 U1	9.37	60.8	< 0.02 U1	< 0.01 U1	0.2 J1	1.26	0.968	0.21	< 0.05 U1	0.00361	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
2/5/2021	Assessment	< 0.02 U1	9.73	59.1	< 0.02 U1	< 0.01 U1	0.238	1.30	1.711	0.24	< 0.05 U1	0.00319	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
5/25/2021	Assessment	< 0.02 U1	10.6	58.0	< 0.007 U1	0.020	0.19 J1	1.14	0.69	0.24	< 0.05 U1	0.00320	< 0.002 U1	1.3	< 0.09 U1	< 0.04 U1
11/10/2021	Assessment	< 0.02 U1	12.2	55.6	< 0.007 U1	< 0.004 U1	0.29	1.04	1.8	0.23	< 0.05 U1	0.00313	< 0.002 U1	1.2	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1606S
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
6/7/2016	Background	0.024	55.8	30.6	0.46	6.9	47.6	410
7/19/2016	Background	0.019	46.0	24.0	0.43	7.1	38.1	386
9/19/2016	Background	< 0.002 U1	44.4	18.7	0.40	7.1	31.8	316
11/16/2016	Background	0.020	54.1	26.6	0.40	6.9	40.0	358
1/10/2017	Background	0.014	48.5	22.1	0.31	6.7	30.5	351
3/7/2017	Background	0.054	47.2	23.9	0.41	7.1	33.2	331
5/9/2017	Background	0.020	52.7	24.7	0.38	7.0	37.5	377
7/18/2017	Background	0.090	44.7	22.8	0.37	6.9	36.8	367
10/3/2017	Detection	0.026	43.4	24.1	0.41	6.6	35.6	363
12/11/2017	Detection	--	--	24	0.41	6.6	36.8	--
1/4/2018	Detection	--	--	--	0.42	7.4	--	--
6/6/2018	Assessment	0.029	50.9	25.5	0.46	7.8	52.6	398
8/15/2018	Assessment	0.563	76.1	20.7	0.47	6.9	34.9	316
5/21/2019	Assessment	0.05 J1	48.9	26.6	0.47	7.9	64.5	416
6/25/2019	Assessment	0.03 J1	49.8	25.0	0.45	7.0	41.7	380
9/12/2019	Assessment	0.02 J1	44.4	24.4	0.54	7.0	41.9	376
3/9/2020	Assessment	--	--	--	0.58	6.8	--	--
5/20/2020	Assessment	0.05 J1	48.4	25.1	0.63	6.9	46.9	375
11/16/2020	Assessment	< 0.02 U1	40.5	21.7	0.56	6.8	32.7	337
2/5/2021	Assessment	< 0.02 U1	42.0	29.0	0.52	7.1	31.1	374
5/25/2021	Assessment	0.016 J1	45.4	29.6	0.48	8.6	36.0	400
11/10/2021	Assessment	0.021 J1	51.1	32.5	0.52	7.2	42.4	440

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1606S
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
6/7/2016	Background	0.08	0.26	12.5	< 0.005 U1	0.02	0.1	0.090	0.7867	0.46	0.145	0.012	< 0.002 U1	1.91	3.3	0.02 J1
7/19/2016	Background	0.06	0.23	11.5	< 0.005 U1	0.02 J1	0.5	0.052	0.94	0.43	0.034	0.017	< 0.002 U1	1.56	4.0	< 0.01 U1
9/19/2016	Background	0.05 J1	0.22	9.34	< 0.005 U1	0.01 J1	0.2	0.038	0.75	0.40	0.020	0.010	< 0.002 U1	1.32	5.7	0.01 J1
11/16/2016	Background	0.05 J1	0.20	11.1	< 0.005 U1	0.02 J1	0.148	0.038	0.574	0.40	0.004 J1	0.013	< 0.002 U1	1.02	3.1	0.01 J1
1/10/2017	Background	0.04 J1	0.24	10.7	0.01 J1	0.02 J1	1.29	0.141	2.025	0.31	0.097	0.006	< 0.002 U1	1.11	4.2	0.02 J1
3/7/2017	Background	0.07	0.60	16.7	0.024	0.06	1.25	0.883	1.822	0.41	1.33	0.011	< 0.002 U1	1.22	4.5	0.03 J1
5/9/2017	Background	0.05	0.29	12.0	0.020	0.03	0.277	0.371	0.193	0.38	0.355	0.010	0.005	0.90	6.0	0.050
7/18/2017	Background	0.05	0.32	12.6	0.01 J1	0.03	0.259	0.363	0.268	0.37	0.386	0.010	< 0.002 U1	1.08	4.7	0.02 J1
6/6/2018	Assessment	0.05 J1	0.2	13.6	0.005 J1	0.03	0.108	0.092	0.496	0.46	0.032	0.012	< 0.002 U1	1.19	2.7	0.03 J1
8/15/2018	Assessment	0.04 J1	0.44	8.22	0.004 J1	0.04	0.251	0.338	1.146	0.47	0.028	0.013	--	1.89	1.6	0.078
5/21/2019	Assessment	0.14	0.19	16.7	< 0.02 U1	0.05 J1	0.1 J1	0.094	0.668	0.47	< 0.02 U1	< 0.009 U1	< 0.002 U1	0.9 J1	3.3	< 0.1 U1
6/25/2019	Assessment	< 0.1 U1	0.2 J1	14.4	< 0.1 U1	0.06 J1	< 0.2 U1	< 0.1 U1	0.0646	0.45	< 0.1 U1	0.01 J1	< 0.002 U1	< 2 U1	2.9	< 0.5 U1
9/12/2019	Assessment	0.03 J1	0.17	11.8	< 0.02 U1	0.03 J1	0.08 J1	0.051	0.1052	0.54	< 0.05 U1	0.00814	< 0.002 U1	1 J1	2.8	< 0.1 U1
3/9/2020	Assessment	< 0.02 U1	0.17	10.7	< 0.02 U1	0.02 J1	0.2 J1	0.05 J1	0.00206	0.58	< 0.05 U1	0.00787	< 0.002 U1	1 J1	4.4	< 0.1 U1
5/20/2020	Assessment	0.04 J1	0.20	13.6	< 0.02 U1	0.03 J1	0.294	0.081	0.4706	0.63	< 0.05 U1	0.00858	< 0.002 U1	1 J1	3.2	< 0.1 U1
11/16/2020	Assessment	0.03 J1	0.17	11.5	< 0.02 U1	0.03 J1	0.286	0.05 J1	1.328	0.56	< 0.05 U1	0.00846	< 0.002 U1	1 J1	4.7	< 0.1 U1
2/5/2021	Assessment	0.03 J1	0.17	13.0	< 0.02 U1	0.03 J1	0.241	0.05 J1	0.827	0.52	< 0.05 U1	0.00830	< 0.002 U1	1 J1	3.2	< 0.1 U1
5/25/2021	Assessment	0.03 J1	0.18	11.8	< 0.007 U1	0.031	0.28	0.080	0.56	0.48	0.05 J1	0.00864	< 0.002 U1	1.1	2.23	< 0.04 U1
11/10/2021	Assessment	0.03 J1	0.18	13.6	< 0.007 U1	0.034	0.52	0.054	0.72	0.52	0.09 J1	0.00839	< 0.002 U1	1.3	1.36	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1701D
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
12/11/2017	Detection	0.054	71.8	20.1	0.28	7.3	44	378
2/8/2018	Assessment	0.066	70.8	19.9	0.3	7.5	45.3	402
6/5/2018	Assessment	0.041	68.1	13.7	0.34	7.3	36.8	700
8/14/2018	Assessment	0.060	77.0	14.1	0.36	7.2	39.8	369
9/24/2018	Assessment	0.047	71.6	15.2	0.33	7.5	40.0	366
10/29/2018	Assessment	0.125	76.5	15.4	0.32	7.8	40.7	362
11/12/2018	Assessment	0.114	76.7	15.7	0.35	7.1	40	358
5/20/2019	Assessment	0.02 J1	66.8	14.0	0.32	7.2	43.5	371
6/25/2019	Assessment	0.02 J1	70.8	14.9	0.32	7.1	39.0	387
9/9/2019	Assessment	0.02 J1	70.5	16.0	0.31	7.0	36.6	376
3/10/2020	Assessment	--	--	--	0.33	7.0	--	--
5/21/2020	Assessment	0.02 J1	72.8	14.7	0.36	7.5	43.4	368
11/17/2020	Assessment	0.02 J1	71.1	16.8	0.33	7.0	40.3	379
2/2/2021	Assessment	0.03 J1	68.9	14.2	0.35	6.9	40.5	366
5/26/2021	Assessment	0.021 J1	68.7	14.8	0.36	9.3	39.8	350
11/9/2021	Assessment	0.023 J1	69.1	15.1	0.34	6.8	38.7	360

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1701D
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
2/8/2018	Assessment	0.03 J1	9.3	65	< 0.004 U1	0.009 J1	0.104	1.75	1.33	0.3	0.065	0.01	< 0.002 U1	1.37	0.04 J1	0.03 J1
6/5/2018	Assessment	0.02 J1	10.6	63.7	0.005 J1	0.02 J1	0.103	1.56	2.346	0.34	0.096	0.012	< 0.002 U1	1.38	< 0.03 U1	0.03 J1
8/14/2018	Assessment	0.01 J1	10.2	65.2	< 0.004 U1	< 0.005 U1	0.060	1.68	0.929	0.36	0.021	0.008	--	1.38	< 0.03 U1	0.03 J1
9/24/2018	Assessment	< 0.01 U1	10.1	64.0	< 0.004 U1	0.005 J1	0.076	1.71	0.564	0.33	0.074	< 0.0002 U1	--	1.33	< 0.03 U1	0.02 J1
10/29/2018	Assessment	< 0.02 U1	9.79	65.9	< 0.02 U1	< 0.01 U1	0.1 J1	1.66	0.417	0.32	0.04 J1	< 0.009 U1	--	1 J1	< 0.03 U1	< 0.1 U1
11/12/2018	Assessment	< 0.02 U1	9.1	62.2	< 0.02 U1	< 0.01 U1	0.1 J1	1.6	0.972	0.35	0.04 J1	< 0.009 U1	--	1 J1	< 0.03 U1	< 0.1 U1
5/20/2019	Assessment	< 0.02 U1	9.55	65.1	< 0.02 U1	< 0.01 U1	0.2 J1	1.59	0.702	0.32	< 0.02 U1	< 0.009 U1	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
6/25/2019	Assessment	< 0.1 U1	9.58	64.6	< 0.1 U1	< 0.05 U1	< 0.2 U1	1.62	2.63	0.32	< 0.1 U1	0.01 J1	< 0.002 U1	< 2 U1	0.2 J1	< 0.5 U1
9/9/2019	Assessment	< 0.02 U1	9.37	65.0	< 0.02 U1	< 0.01 U1	0.2 J1	1.53	0.341	0.31	< 0.05 U1	0.00691	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
3/10/2020	Assessment	< 0.02 U1	9.31	61.4	< 0.02 U1	< 0.01 U1	0.06 J1	1.48	0.546	0.33	< 0.05 U1	0.00654	< 0.002 U1	1 J1	0.03 J1	< 0.1 U1
5/21/2020	Assessment	< 0.02 U1	9.40	62.4	< 0.02 U1	< 0.01 U1	0.1 J1	1.48	1.095	0.36	< 0.05 U1	0.00636	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
11/17/2020	Assessment	< 0.02 U1	9.58	64.4	< 0.02 U1	< 0.01 U1	0.209	1.59	1.585	0.33	< 0.05 U1	0.00659	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
2/2/2021	Assessment	< 0.02 U1	10.2	64.6	< 0.02 U1	< 0.01 U1	0.299	1.63	0.815	0.35	< 0.05 U1	0.00625	< 0.002 U1	1 J1	0.04 J1	< 0.1 U1
5/26/2021	Assessment	< 0.02 U1	9.57	61.6	< 0.007 U1	< 0.004 U1	0.1 J1	1.46	0.65	0.36	< 0.05 U1	0.00631	< 0.002 U1	1.2	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	< 0.02 U1	9.55	59.6	< 0.007 U1	< 0.004 U1	0.28	1.52	1.89	0.34	0.06 J1	0.00608	< 0.002 U1	1.3	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1701I
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
12/12/2017	Detection	0.066	65.4	13.5	0.33	7.3	40.7	338
2/8/2018	Assessment	0.095	63.7	14.5	0.38	7.7	43.1	363
6/5/2018	Assessment	0.044	65.5	14.1	0.44	7.4	36.5	328
8/14/2018	Assessment	0.052	67.9	14.5	0.39	7.2	34.8	352
9/24/2018	Assessment	0.038	68.9	14.9	0.41	7.6	35.0	346
10/31/2018	Assessment	0.104	62.4	14.8	0.4	7.9	34.8	338
11/12/2018	Assessment	0.166	71.7	14.5	0.42	7.3	35	322
5/20/2019	Assessment	0.02 J1	59.6	12.8	0.40	7.3	39.8	345
6/25/2019	Assessment	0.02 J1	69.4	12.8	0.41	7.7	36.3	388
9/9/2019	Assessment	< 0.02 U1	65.1	12.9	0.38	7.3	34.5	339
3/10/2020	Assessment	--	--	--	0.41	6.8	--	--
5/21/2020	Assessment	< 0.02 U1	73.3	13.0	0.43	7.2	39.8	349
11/17/2020	Assessment	< 0.02 U1	68.4	13.1	0.43	6.9	36.5	341
2/2/2021	Assessment	0.02 J1	65.9	13.2	0.45	7.0	36.1	362
5/26/2021	Assessment	0.017 J1	75.9	13.1	0.46	7.9	35.6	350
11/9/2021	Assessment	0.018 J1	64.3	13.4	0.43	6.4	32.1	310

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1701I
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
2/8/2018	Assessment	0.07	9.17	46.8	< 0.004 U1	0.01 J1	0.184	1.34	1.06	0.38	0.26	0.007	< 0.002 U1	2.52	0.07 J1	0.03 J1
6/5/2018	Assessment	0.05	8.07	42.7	0.021	0.02 J1	0.446	1.87	0.658	0.44	0.564	0.01	< 0.002 U1	1.15	0.2	0.05 J1
8/14/2018	Assessment	0.04 J1	6.42	38.3	0.004 J1	0.01 J1	0.085	1.10	0.3144	0.39	0.108	0.002	--	1.01	< 0.03 U1	0.02 J1
9/24/2018	Assessment	0.23	9.38	41.2	0.008 J1	0.02 J1	0.371	1.62	0.335	0.41	0.497	0.002	--	1.67	0.1	0.01 J1
10/31/2018	Assessment	0.25	6.69	40.7	< 0.02 U1	0.03 J1	0.337	1.12	0.304	0.4	0.403	0.02 J1	--	1 J1	0.07 J1	< 0.1 U1
11/12/2018	Assessment	0.1	6.77	40.3	< 0.02 U1	< 0.01 U1	0.2 J1	1.19	0.579	0.42	0.09 J1	< 0.009 U1	--	1 J1	< 0.03 U1	< 0.1 U1
5/20/2019	Assessment	0.14	12.8	41.5	< 0.02 U1	0.02 J1	0.09 J1	1.16	0.628	0.40	0.09 J1	< 0.009 U1	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
6/25/2019	Assessment	< 0.1 U1	9.47	41.9	< 0.1 U1	< 0.05 U1	< 0.2 U1	1.16	0.116	0.41	< 0.1 U1	0.01 J1	< 0.002 U1	< 2 U1	< 0.2 U1	< 0.5 U1
9/9/2019	Assessment	0.21	7.92	40.6	< 0.02 U1	< 0.01 U1	0.08 J1	0.843	0.781	0.38	0.08 J1	0.00561	< 0.002 U1	1 J1	< 0.03 U1	< 0.1 U1
3/10/2020	Assessment	0.20	14.3	46.8	< 0.02 U1	0.02 J1	0.256	1.42	1.233	0.41	0.384	0.00594	< 0.002 U1	1 J1	0.1 J1	< 0.1 U1
5/21/2020	Assessment	0.13	11.9	41.9	< 0.02 U1	0.01 J1	0.2 J1	1.32	0.943	0.43	0.276	0.00549	< 0.002 U1	1 J1	0.06 J1	< 0.1 U1
11/17/2020	Assessment	0.06 J1	9.93	41.4	< 0.02 U1	< 0.01 U1	0.231	1.17	1.337	0.43	0.07 J1	0.00553	< 0.002 U1	1 J1	0.04 J1	< 0.1 U1
2/2/2021	Assessment	0.05 J1	9.36	41.0	< 0.02 U1	< 0.01 U1	0.2 J1	1.18	0.675	0.45	< 0.05 U1	0.00539	< 0.002 U1	1 J1	0.06 J1	< 0.1 U1
5/26/2021	Assessment	0.17	21.6	43.5	0.012 J1	0.067	0.44	2.06	0.63	0.46	0.67	0.00533	< 0.002 U1	1.1	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	0.02 J1	7.42	39.7	< 0.007 U1	< 0.004 U1	0.30	0.872	1.09	0.43	0.09 J1	0.00579	< 0.002 U1	1.0	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1701S
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
12/12/2017	Detection	0.051	58.1	18.6	0.35	7.5	21.1	288
2/8/2018	Assessment	0.025	56.6	19	0.36	7.8	21.6	334
6/4/2018	Assessment	0.032	59.2	19.4	0.38	7.4	21.3	368
8/14/2018	Assessment	0.056	64.1	19.6	0.36	7.3	20.4	329
9/25/2018	Assessment	0.035	60.7	19.6	0.37	6.6	20.3	316
10/29/2018	Assessment	0.129	63.7	19.1	0.38	7.2	18.8	312
11/12/2018	Assessment	0.139	63.6	19.1	0.39	7.5	18.9	318
5/20/2019	Assessment	< 0.02 U1	56.5	19.7	0.42	7.2	20.0	320
6/25/2019	Assessment	0.02 J1	63.5	19.6	0.37	7.3	20.7	353
9/9/2019	Assessment	< 0.02 U1	57.0	20.0	0.37	7.2	17.8	332
3/10/2020	Assessment	--	--	--	0.39	7.1	--	--
5/21/2020	Assessment	< 0.02 U1	67.8	21.6	0.41	7.3	19.6	348
11/17/2020	Assessment	< 0.02 U1	61.3	21.1	0.40	6.9	17.1	322
2/2/2021	Assessment	< 0.02 U1	57.2	20.6	0.41	7.0	16.7	319
5/26/2021	Assessment	0.015 J1	70.0	20.6	0.42	7.9	16.9	310
11/9/2021	Assessment	0.016 J1	58.6	19.4	0.39	6.5	15.6	300

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1701S
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
2/8/2018	Assessment	0.14	0.39	9.51	< 0.004 U1	0.03	0.256	0.198	0.356	0.36	0.176	0.007	< 0.002 U1	0.85	0.4	0.03 J1
6/4/2018	Assessment	0.07	0.38	5.2	< 0.004 U1	0.009 J1	0.05 J1	0.087	1.053	0.38	0.023	0.009	< 0.002 U1	0.68	0.6	0.01 J1
8/14/2018	Assessment	0.04 J1	0.37	9.34	< 0.004 U1	0.008 J1	0.065	0.092	0.3729	0.36	0.028	0.002	--	0.69	0.4	0.02 J1
9/25/2018	Assessment	0.12	0.38	8.55	< 0.004 U1	0.008 J1	0.03 J1	0.096	1.02	0.37	0.021	0.002	--	0.69	0.4	< 0.01 U1
10/29/2018	Assessment	0.07 J1	0.39	13.2	< 0.02 U1	0.02 J1	0.1 J1	0.091	0.1291	0.38	0.06 J1	< 0.009 U1	--	0.7 J1	0.4	< 0.1 U1
11/12/2018	Assessment	0.08 J1	0.37	8.2	< 0.02 U1	0.01 J1	0.2 J1	0.092	0.2239	0.39	0.05 J1	< 0.009 U1	--	0.7 J1	0.4	< 0.1 U1
5/20/2019	Assessment	0.06 J1	0.41	18.7	< 0.02 U1	0.04 J1	0.2 J1	0.053	0.0249	0.42	0.06 J1	< 0.009 U1	< 0.002 U1	0.7 J1	0.3	< 0.1 U1
6/25/2019	Assessment	< 0.1 U1	0.4 J1	8.08	< 0.1 U1	< 0.05 U1	< 0.2 U1	0.2 J1	0.931	0.37	< 0.1 U1	0.01 J1	< 0.002 U1	< 2 U1	0.5 J1	< 0.5 U1
9/9/2019	Assessment	0.16	0.38	16.8	< 0.02 U1	< 0.01 U1	0.1 J1	0.073	0.327	0.37	< 0.05 U1	0.00556	< 0.002 U1	0.7 J1	0.3	< 0.1 U1
3/10/2020	Assessment	0.03 J1	0.41	11.4	< 0.02 U1	0.02 J1	0.2 J1	0.087	0.597	0.39	< 0.05 U1	0.00537	< 0.002 U1	0.7 J1	0.3	< 0.1 U1
5/21/2020	Assessment	0.05 J1	0.39	10.4	< 0.02 U1	0.01 J1	0.1 J1	0.075	0.472	0.41	< 0.05 U1	0.00499	< 0.002 U1	0.6 J1	0.3	< 0.1 U1
11/17/2020	Assessment	0.04 J1	0.41	12.3	< 0.02 U1	0.01 J1	0.504	0.08	1.675	0.40	< 0.05 U1	0.00508	< 0.002 U1	0.7 J1	0.3	< 0.1 U1
2/2/2021	Assessment	0.05 J1	0.42	8.12	< 0.02 U1	0.01 J1	0.310	0.087	0.447	0.41	< 0.05 U1	0.00490	< 0.002 U1	0.7 J1	0.3	< 0.1 U1
5/26/2021	Assessment	0.15	0.40	13.1	< 0.007 U1	0.04	0.09 J1	0.229	0.98	0.42	0.06 J1	0.00499	< 0.002 U1	0.7	0.48 J1	< 0.04 U1
11/9/2021	Assessment	0.03 J1	0.38	11.7	< 0.007 U1	0.011 J1	0.23	0.111	0.62	0.39	< 0.05 U1	0.00507	< 0.002 U1	0.7	0.40 J1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1702D
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
12/12/2017	Detection	0.105	74.3	30.3	0.19	7.2	39.9	362
2/9/2018	Assessment	0.042	76.1	30.5	0.19	8.0	41.3	386
6/4/2018	Assessment	0.024	78.5	31.6	0.24	7.1	39.9	372
8/14/2018	Assessment	0.071	80.7	30.7	0.20	6.8	38.1	379
9/26/2018	Assessment	0.096	80.0	31.2	0.20	7.1	37.8	392
10/30/2018	Assessment	0.06 J1	87.2	30.9	0.2	8.2	37.3	394
11/12/2018	Assessment	0.06 J1	89.8	31.5	0.21	7.4	37.3	374
5/20/2019	Assessment	0.02 J1	78.7	30.5	0.18	7.0	38.9	402
6/26/2019	Assessment	0.02 J1	80.0	30.4	0.17	7.6	39.0	388
9/10/2019	Assessment	< 0.02 U1	86.6	30.6	0.20	7.1	37.9	384
3/9/2020	Assessment	--	--	--	0.19	7.0	--	--
5/21/2020	Assessment	< 0.02 U1	88.2	31.5	0.22	7.1	39.2	393
11/17/2020	Assessment	< 0.02 U1	86.5	30.6	0.20	6.8	37.0	384
2/2/2021	Assessment	< 0.02 U1	79.2	30.5	0.22	6.8	37.4	396
5/27/2021	Assessment	0.017 J1	83.3	30.8	0.22	7.7	37.6	400
11/9/2021	Assessment	0.015 J1	79.1	30.3	0.20	6.7	35.0	390

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1702D
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
2/9/2018	Assessment	0.25	22.5	212	< 0.004 U1	0.02 J1	0.389	0.877	0.977	0.19	0.27	0.007	< 0.002 U1	5.91	0.09 J1	0.03 J1
6/4/2018	Assessment	0.18	25.2	208	0.005 J1	0.02	0.105	0.698	1.345	0.24	0.052	0.009	< 0.002 U1	4.18	< 0.03 U1	0.02 J1
8/14/2018	Assessment	0.15	21.3	191	< 0.004 U1	0.02 J1	0.091	0.590	0.949	0.20	0.026	0.002	--	3.68	< 0.03 U1	0.03 J1
9/26/2018	Assessment	0.18	22.0	211	< 0.004 U1	0.01 J1	0.069	0.564	1.084	0.20	0.230	0.008	--	3.38	< 0.03 U1	0.02 J1
10/30/2018	Assessment	0.1	22.5	204	< 0.02 U1	0.01 J1	0.08 J1	0.581	0.784	0.2	0.02 J1	< 0.009 U1	--	2.77	0.03 J1	< 0.1 U1
11/12/2018	Assessment	0.08 J1	20.2	199	< 0.02 U1	0.02 J1	0.1 J1	0.498	1.167	0.21	0.03 J1	< 0.009 U1	--	2.53	< 0.03 U1	< 0.1 U1
5/20/2019	Assessment	0.08 J1	25.6	223	< 0.02 U1	0.02 J1	0.1 J1	0.686	1.207	0.18	0.04 J1	< 0.009 U1	< 0.002 U1	2.43	< 0.03 U1	< 0.1 U1
6/26/2019	Assessment	0.07 J1	24.4	209	< 0.02 U1	0.02 J1	0.08 J1	0.601	0.689	0.17	0.07 J1	0.02 J1	< 0.002 U1	2.15	0.03 J1	< 0.1 U1
9/10/2019	Assessment	0.04 J1	22.1	203	< 0.02 U1	< 0.01 U1	0.1 J1	0.536	0.639	0.20	< 0.05 U1	0.00456	< 0.002 U1	2.16	< 0.03 U1	< 0.1 U1
3/9/2020	Assessment	0.02 J1	21.2	207	< 0.02 U1	0.02 J1	0.07 J1	0.534	1.102	0.19	< 0.05 U1	0.00430	< 0.002 U1	2 J1	0.04 J1	< 0.1 U1
5/21/2020	Assessment	0.08 J1	20.3	199	< 0.02 U1	0.04 J1	0.2 J1	0.517	1.047	0.22	< 0.05 U1	0.00398	< 0.002 U1	2 J1	0.07 J1	< 0.1 U1
11/17/2020	Assessment	0.05 J1	21.0	206	< 0.02 U1	< 0.01 U1	0.2 J1	0.519	1.1	0.20	< 0.05 U1	0.00416	< 0.002 U1	2 J1	0.03 J1	< 0.1 U1
2/2/2021	Assessment	0.08 J1	25.6	202	< 0.02 U1	0.02 J1	0.2 J1	0.574	1.0318	0.22	0.06 J1	0.00409	< 0.002 U1	2.00	0.05 J1	< 0.1 U1
5/27/2021	Assessment	0.08 J1	29.8	209 P3	< 0.007 U1	0.016 J1	0.36	0.607	1.45	0.22	0.07 J1	0.00407	< 0.002 U1	2.1	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	0.03 J1	35.9	204	< 0.007 U1	0.007 J1	0.29	0.534	2.42	0.20	0.09 J1	0.00417	< 0.002 U1	1.9	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.
P3: The precision on the matrix spike duplicate (MSD) was above acceptance limits.

Table 1 - Groundwater Data Summary: MW-1702I
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
12/12/2017	Detection	0.037	76.2	27.1	0.2	7.2	45.4	376
2/9/2018	Assessment	0.045	72.7	27.6	0.22	7.8	46.6	377
6/4/2018	Assessment	0.081	76.2	28.7	0.24	7.1	43.4	760
8/13/2018	Assessment	0.051	81.1	29.0	0.22	6.6	41.5	382
9/25/2018	Assessment	0.056	78.9	29.8	0.23	6.8	41.9	398
10/30/2018	Assessment	0.07 J1	81.7	29.2	0.23	7.8	41.9	392
11/12/2018	Assessment	0.07 J1	82.7	29.9	0.24	6.8	41.9	364
5/20/2019	Assessment	0.02 J1	73.2	28.8	0.21	6.9	44.5	376
6/25/2019	Assessment	0.02 J1	74.7	28.5	0.20	7.3	44.7	376
9/10/2019	Assessment	< 0.02 U1	80.2	28.9	0.24	7.1	43.6	384
3/9/2020	Assessment	--	--	--	--	7.1	--	--
3/11/2020	Assessment	--	--	--	0.22	--	--	--
5/21/2020	Assessment	< 0.02 U1	83.3	29.7	0.25	7.1	44.1	376
11/17/2020	Assessment	< 0.02 U1	76.5	29.0	0.23	6.8	41.6	394
2/2/2021	Assessment	< 0.02 U1	74.2	28.7	0.25	6.7	41.8	389
5/27/2021	Assessment	0.014 J1	78.5	28.2	0.25	7.8	41.8	380
11/9/2021	Assessment	0.014 J1	72.7	28.9	0.24	6.6	40.0	380

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1702I
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
2/9/2018	Assessment	0.05 J1	42.3	109	0.007 J1	0.01 J1	1.49	2.15	1.324	0.22	0.337	0.004	< 0.002 U1	7.9	0.1	0.04 J1
6/4/2018	Assessment	0.07	28.1	109	0.007 J1	0.06	0.129	1.29	1.969	0.24	0.247	0.009	< 0.002 U1	1.91	0.08 J1	0.054
8/13/2018	Assessment	0.10	28.9	102	0.004 J1	0.02 J1	0.146	1.35	1.243	0.22	0.074	0.002	--	1.89	0.05 J1	0.102
9/25/2018	Assessment	0.44	39.6	114	< 0.004 U1	0.01 J1	0.050	1.70	0.3854	0.23	0.087	0.003	--	2.04	0.04 J1	0.05 J1
10/30/2018	Assessment	0.14	43	113	< 0.02 U1	0.22	0.1 J1	1.57	1.364	0.23	0.129	< 0.009 U1	--	2 J1	0.05 J1	< 0.1 U1
11/12/2018	Assessment	0.18	37.3	109	< 0.02 U1	0.05	0.1 J1	1.52	0.746	0.24	0.09 J1	< 0.009 U1	--	2 J1	0.04 J1	< 0.1 U1
5/20/2019	Assessment	0.07 J1	49.5	115	< 0.02 U1	0.01 J1	0.05 J1	1.43	1.519	0.21	0.05 J1	< 0.009 U1	< 0.002 U1	2 J1	0.05 J1	< 0.1 U1
6/25/2019	Assessment	0.07 J1	54.1	114	< 0.02 U1	0.02 J1	0.07 J1	1.78	0.467	0.20	0.1 J1	0.02 J1	< 0.002 U1	2 J1	0.07 J1	< 0.1 U1
9/10/2019	Assessment	0.08 J1	55.8	112	< 0.02 U1	< 0.01 U1	0.1 J1	1.60	0.584	0.24	0.06 J1	0.00469	< 0.002 U1	2.03	< 0.03 U1	< 0.1 U1
3/9/2020	Assessment	0.12	67.5	121	< 0.02 U1	0.13	0.852	3.15	1.081	--	0.678	0.00453	< 0.002 U1	2 J1	0.1 J1	< 0.1 U1
3/11/2020	Assessment	--	--	--	--	--	--	--	--	0.22	--	--	--	--	--	--
5/21/2020	Assessment	0.08 J1	38.7	108	< 0.02 U1	0.02 J1	0.2 J1	1.53	1.589	0.25	0.1 J1	0.00415	< 0.002 U1	2 J1	0.06 J1	< 0.1 U1
11/17/2020	Assessment	0.12	65.4	113	< 0.02 U1	0.05	0.204	1.66	1.671	0.23	0.1 J1	0.00429	< 0.002 U1	2 J1	< 0.03 U1	< 0.1 U1
2/2/2021	Assessment	0.13	72.7	115	< 0.02 U1	0.02 J1	0.205	1.60	1.535	0.25	0.05 J1	0.00425	< 0.002 U1	2 J1	0.05 J1	< 0.1 U1
5/27/2021	Assessment	0.08 J1	50.4	110	< 0.007 U1	0.008 J1	0.13 J1	1.42	0.88	0.25	< 0.05 U1	0.00422	< 0.002 U1	1.8	< 0.09 U1	< 0.04 U1
11/9/2021	Assessment	0.06 J1	54.4	110	< 0.007 U1	0.006 J1	0.22	1.54	1.35	0.24	< 0.05 U1	0.00426	< 0.002 U1	1.9	< 0.09 U1	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Table 1 - Groundwater Data Summary: MW-1702S
Rockport - BAP
Appendix III Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Boron	Calcium	Chloride	Fluoride	pH	Sulfate	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	SU	mg/L	mg/L
12/12/2017	Detection	0.051	33.6	13.4	0.49	7.3	22.7	254
2/9/2018	Assessment	0.042	29.7	14	0.62	7.9	22.2	281
6/4/2018	Assessment	0.059	38.4	14.4	0.57	7.0	26.7	276
8/13/2018	Assessment	0.057	36.9	13.6	0.55	6.3	22.0	272
9/25/2018	Assessment	0.041	36.2	14.1	0.54	6.6	20.7	266
10/30/2018	Assessment	0.09 J1	34.9	14.1	0.61	7.5	17.1	256
11/12/2018	Assessment	0.1 J1	41.5	14.5	0.56	6.8	21.5	246
5/20/2019	Assessment	0.03 J1	27.1	14.7	0.70	6.8	20.8	272
6/25/2019	Assessment	0.04 J1	36.7	14.6	0.59	7.2	22.3	284
9/10/2019	Assessment	0.04 J1	35.6	16.5	0.63	6.7	19.2	284
3/9/2020	Assessment	--	--	--	--	7.2	--	--
3/11/2020	Assessment	--	--	--	0.63	--	--	--
5/21/2020	Assessment	0.03 J1	37.2	14.3	0.67	7.0	23.0	276
11/17/2020	Assessment	0.04 J1	32.7	13.9	0.64	6.5	17.6	259
2/4/2021	Assessment	0.03 J1	33.7	13.5	0.70	7.5	18.1	259
5/27/2021	Assessment	0.032 J1	34.9	13.5	0.64	7.8	18.7	270
11/9/2021	Assessment	0.029 J1	34.6	13.4	0.59	7.1	17.0	260

Notes:
mg/L: milligrams per liter
SU: standard unit
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag.
In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit.
In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

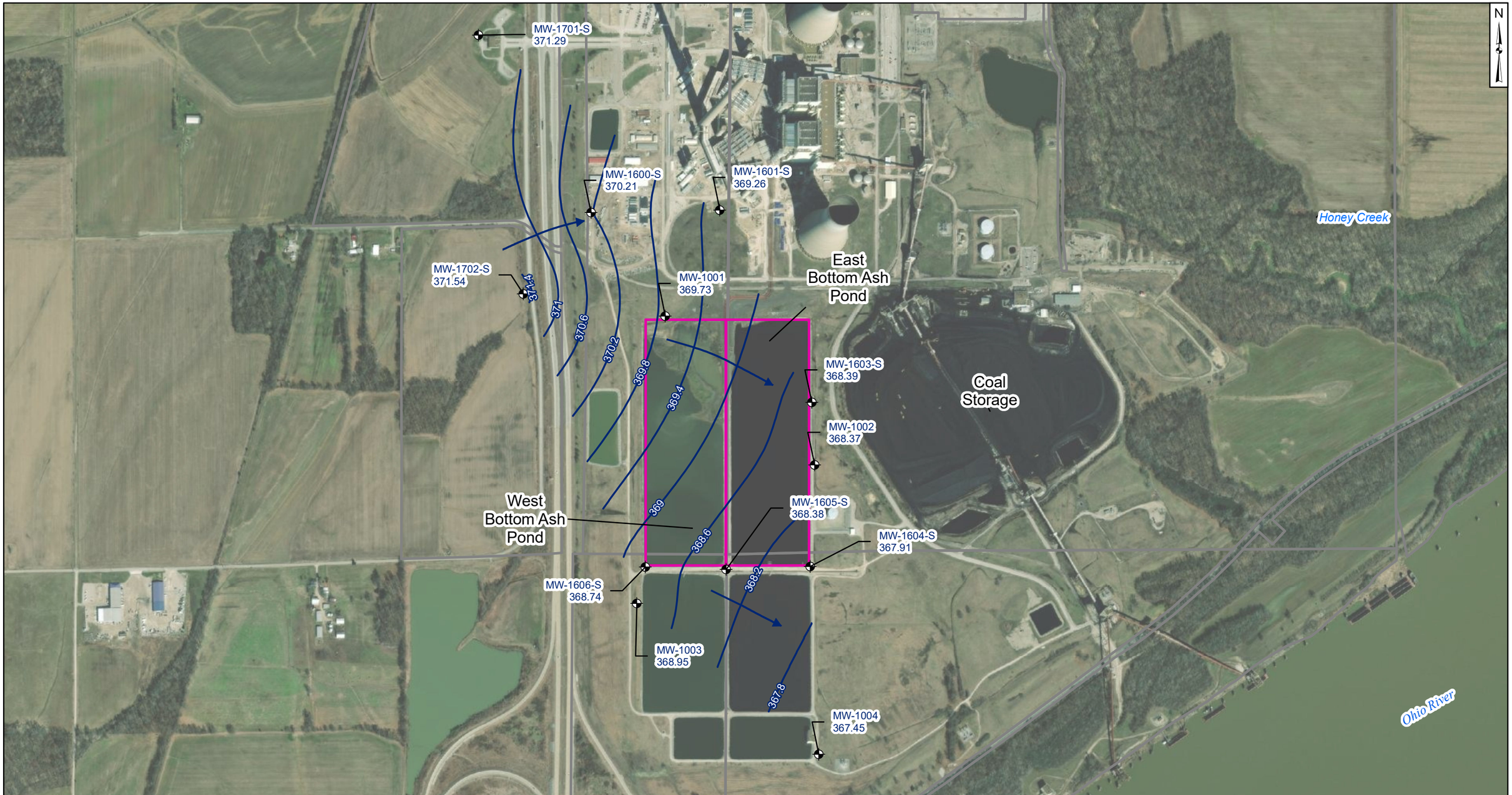
Table 1 - Groundwater Data Summary: MW-1702S
Rockport - BAP
Appendix IV Constituents

Geosyntec Consultants, Inc.

Collection Date	Monitoring Program	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Combined Radium	Fluoride	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pCi/L	mg/L	µg/L	mg/L	µg/L	µg/L	µg/L	µg/L
2/9/2018	Assessment	0.05 J1	0.72	9.81	< 0.004 U1	0.006 J1	0.212	0.258	0.00483	0.62	0.223	< 0.0002 U1	< 0.002 U1	1.09	1.1	0.01 J1
6/4/2018	Assessment	0.05 J1	0.45	7.67	< 0.004 U1	0.04	0.124	0.07	1.231	0.57	0.077	0.006	< 0.002 U1	1.42	3.8	0.01 J1
8/13/2018	Assessment	0.13	0.47	7.14	0.005 J1	0.05	0.175	0.173	0.1628	0.55	0.188	< 0.0002 U1	--	1.15	1.8	0.03 J1
9/25/2018	Assessment	0.08	0.44	5.97	< 0.004 U1	0.008 J1	0.130	0.104	0.421	0.54	0.079	< 0.0002 U1	--	1.20	1.2	< 0.01 U1
10/30/2018	Assessment	0.05 J1	0.48	5.5	< 0.02 U1	0.11	0.2 J1	0.05 J1	0.0859	0.61	0.08 J1	< 0.009 U1	--	1 J1	1	< 0.1 U1
11/12/2018	Assessment	0.04 J1	0.42	6.27	< 0.02 U1	0.03 J1	0.2 J1	0.272	0.107	0.56	0.229	< 0.009 U1	--	1 J1	1.5	< 0.1 U1
5/20/2019	Assessment	0.09 J1	0.45	5.92	< 0.02 U1	0.28	0.475	0.058	0.56253	0.70	0.373	< 0.009 U1	< 0.002 U1	1 J1	1.5	< 0.1 U1
6/25/2019	Assessment	< 0.1 U1	0.4 J1	5.71	< 0.1 U1	< 0.05 U1	0.2 J1	< 0.1 U1	0.357	0.59	< 0.1 U1	< 0.009 U1	< 0.002 U1	< 2 U1	2.4	< 0.5 U1
9/10/2019	Assessment	0.08 J1	0.43	4.87	< 0.02 U1	0.01 J1	0.215	0.096	0.2432	0.63	0.1 J1	0.00127	< 0.002 U1	1 J1	1.3	< 0.1 U1
3/9/2020	Assessment	0.04 J1	0.42	4.46	< 0.02 U1	0.01 J1	0.335	0.03 J1	1.1358	0.63	< 0.05 U1	0.00128	< 0.002 U1	1 J1	1.8	< 0.1 U1
5/21/2020	Assessment	0.03 J1	0.37	4.79	< 0.02 U1	< 0.01 U1	0.208	< 0.02 U1	1.14	0.67	< 0.05 U1	0.00106	< 0.002 U1	1 J1	1.8	< 0.1 U1
11/17/2020	Assessment	0.07 J1	0.37	4.22	< 0.02 U1	0.05 J1	0.278	0.03 J1	1.17	0.64	< 0.05 U1	0.00116	< 0.002 U1	1 J1	1.3	< 0.1 U1
2/4/2021	Assessment	0.07 J1	0.48	5.59	< 0.02 U1	0.05	0.430	0.348	0.392	0.70	0.350	0.00136	< 0.002 U1	1 J1	2.0	< 0.1 U1
5/27/2021	Assessment	0.07 J1	0.30	4.51	< 0.007 U1	0.019 J1	0.20	0.028	0.55	0.64	< 0.05 U1	0.00142	< 0.002 U1	1.4	2.23	< 0.04 U1
11/9/2021	Assessment	0.02 J1	0.30	4.15	< 0.007 U1	0.017 J1	0.51	0.026	0.62	0.59	< 0.05 U1	0.00152	< 0.002 U1	1.4	1.74	< 0.04 U1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
<: Non-detect value. Analytes which were not detected are shown as less than the method detection limit (MDL) followed by a 'U1' flag. In analytical data prior to 5/18/2021, U1 flags were reported as U in the analytical report.
- -: Not analyzed
J1: Concentration estimated. Analyte was detected between the method detection limit and the reporting limit. In analytical data prior to 5/18/2021, J1 flags were reported as J in the analytical report.

Groundwater Flow Direction Maps



Legend

- Groundwater Monitoring Well
- Groundwater Elevation Contour
- Approximate Groundwater Flow Direction
- Parcel Boundaries
- Bottom Ash Ponds

Notes:

- Monitoring well coordinates and water level data (collected on February 1, 2021) provided by AEP.
- Site features based on information available in the Groundwater Monitoring Network Evaluation (AMEC, 2016) provided by AEP.
- Property and parcel boundaries taken from Spencer County Assessor.
- Only shallow screened wells were used for generating groundwater contours.
- Groundwater elevation units are feet above mean sea level.

Potentiometric Surface Map - Uppermost Aquifer
February 2021

AEP-Rockport Power Plant - Bottom Ash Ponds
Rockport, Indiana

Geosyntec consultants

Columbus, Ohio | 2021/06/25

Figure
X

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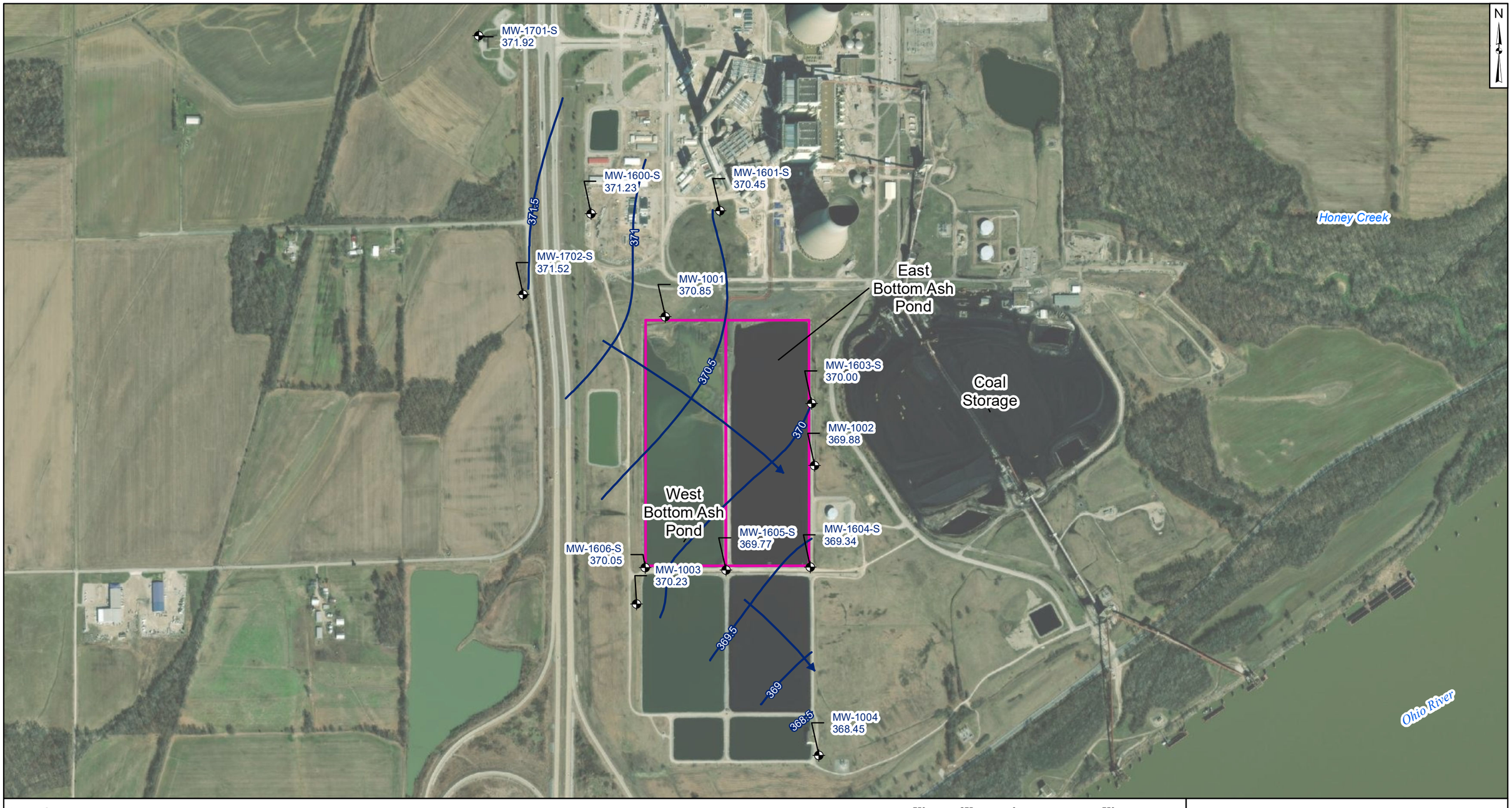

Legend

- Groundwater Monitoring Well
- Groundwater Elevation Contour (Inferred)
- Approximate Groundwater Flow Direction
- Groundwater Elevation Contour
- Bottom Ash Ponds

Notes:

- Monitoring well coordinates and water level data (collected on May 24, 2021) provided by AEP.
- Site features based on information available in the Groundwater Monitoring Network Evaluation (AMEC, 2016) provided by AEP.
- Only shallow screened wells were used for generating groundwater contours.
- Groundwater elevation units are feet above mean sea level.

Potentiometric Surface Map - Uppermost Aquifer
May 2021

AEP-Rockport Power Plant - Bottom Ash Ponds
Rockport, Indiana

Geosyntec consultants

Columbus, Ohio | 2021/08/09

Figure **1**

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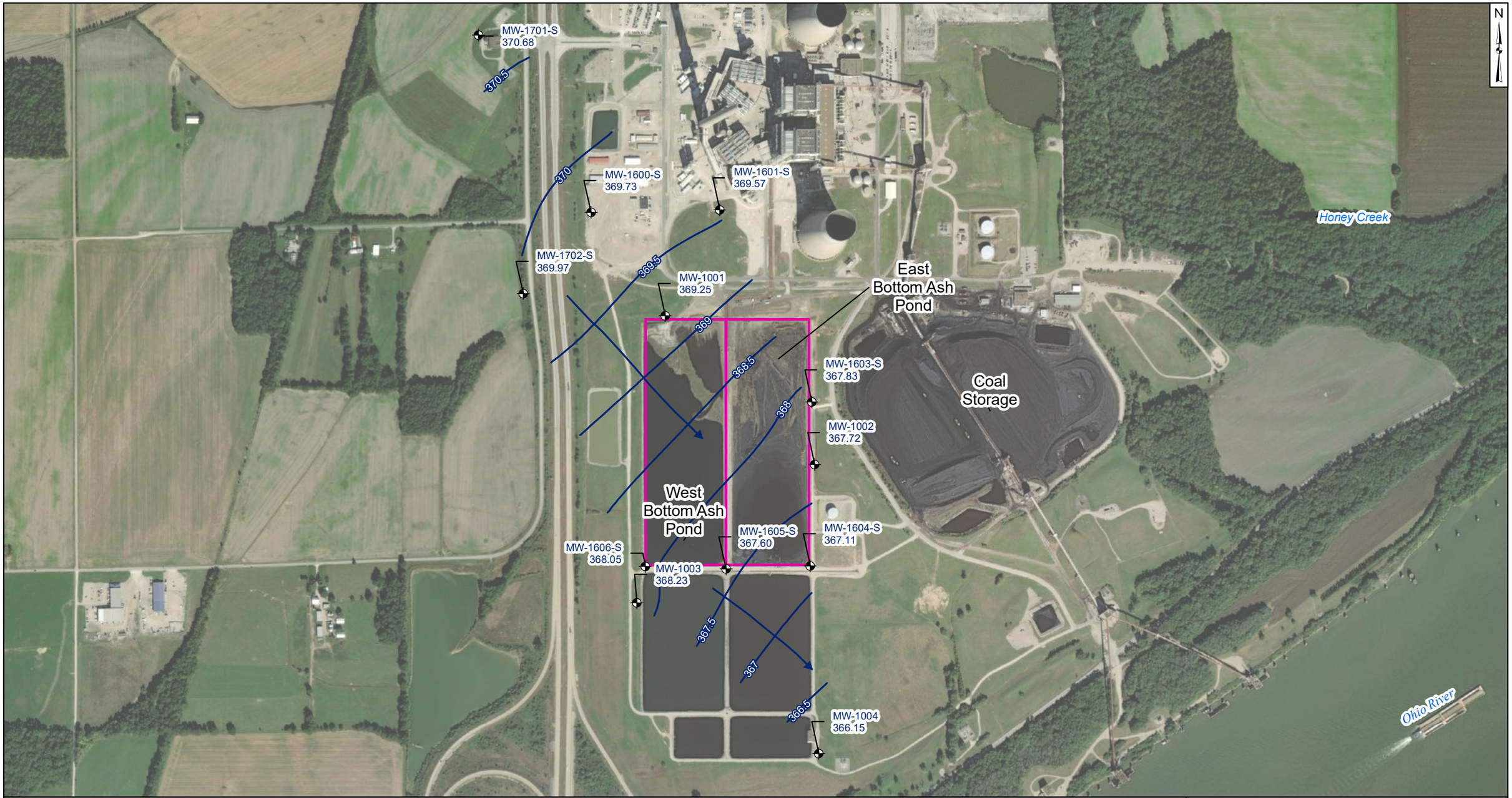

Legend

- Groundwater Monitoring Well
- Groundwater Elevation Contour
- Approximate Groundwater Flow Direction
- Groundwater Elevation Contour (Inferred)
- Bottom Ash Ponds

Notes:

- Monitoring well coordinates and water level data (collected on November 8, 2021) provided by AEP.
- Site features based on information available in the Groundwater Monitoring Network Evaluation (AMEC, 2016) provided by AEP.
- Only shallow screened wells were used for generating groundwater contours.
- Groundwater elevation units are feet above mean sea level.

Potentiometric Surface Map - Uppermost Aquifer November 2021

AEP-Rockport Power Plant - Bottom Ash Ponds
Rockport, Indiana

Geosyntec consultants

Columbus, Ohio | 2022/01/19

Figure **X**

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Groundwater Flow Velocity Calculations

Table 1: Residence Time Calculation Summary
Rockport - Bottom Ash Ponds

Geosyntec Consultants, Inc.

			2021-02		2021-05		2021-11	
CCR Management Unit	Monitoring Well	Well Diameter (inches)	Groundwater Velocity (ft/year)	Groundwater Residence Time (days)	Groundwater Velocity (ft/year)	Groundwater Residence Time (days)	Groundwater Velocity (ft/year)	Groundwater Residence Time (days)
Bottom Ash Ponds	MW-1600D [1]	2.0	1,579	0.04	106	0.58	790	0.08
	MW-1600I [1]	2.0	1,225	0.05	264	0.23	597	0.10
	MW-1600S [1]	2.0	1,062	0.06	405	0.15	435	0.14
	MW-1601D [1]	2.0	619	0.10	160	0.38	2,322	0.03
	MW-1601I [1]	2.0	221	0.28	284	0.21	3,520	0.02
	MW-1601S [1]	2.0	619	0.10	488	0.12	524	0.12
	MW-1002 [2]	2.0	330	0.18	277	0.22	375	0.16
	MW-1602D [2]	2.0	717	0.08	807	0.08	923	0.07
	MW-1602I [2]	2.0	545	0.11	484	0.13	629	0.10
	MW-1603D [2]	2.0	1,551	0.04	628	0.10	1,885	0.03
	MW-1603I [2]	2.0	534	0.11	356	0.17	628	0.10
	MW-1603S [2]	2.0	534	0.11	349	0.17	712	0.09
	MW-1604D [2]	2.0	982	0.06	711	0.09	468	0.13
	MW-1604I [2]	2.0	649	0.09	542	0.11	997	0.06
	MW-1604S [2]	2.0	509	0.12	542	0.11	589	0.10
	MW-1605D [2]	2.0	968	0.06	813	0.07	1,596	0.04
	MW-1605I [2]	2.0	161	0.38	322	0.19	114	0.53
	MW-1605S [2]	2.0	484	0.13	511	0.12	570	0.11
	MW-1606D [2]	2.0	378	0.16	440	0.14	730	0.08
	MW-1606I [2]	2.0	399	0.15	440	0.14	281	0.22
	MW-1606S [2]	2.0	294	0.21	169	0.36	281	0.22

Notes:
[1] - Upgradient Well
[2] - Downgradient Well

APPENDIX 2 – Statistical Analyses

The memorandums summarizing the statistical evaluation follow.

STATISTICAL ANALYSIS SUMMARY
BOTTOM ASH POND
Rockport Plant
Rockport, Indiana

Submitted to

AMERICAN ELECTRIC POWER℠

1 Riverside Plaza
Columbus, Ohio 43215-2372

Submitted by

Geosyntec consultants

engineers | scientists | innovators

941 Chatham Lane
Suite 103
Columbus, Ohio 43221

March 9, 2021

CHA8500

TABLE OF CONTENTS

LIST OF TABLES

LIST OF ATTACHMENTS

LIST OF ACRONYMS AND ABBREVIATIONS

AEP	American Electric Power
BAP	Bottom Ash Pond
CCR	Coal Combustion Residuals
CCV	Continuing Calibration Verification
CFR	Code of Federal Regulations
GWPS	Groundwater Protection Standard
LCL	Lower Confidence Limit
LFB	Laboratory Fortified Blanks
LPL	Lower Prediction Limit
LRB	Laboratory Reagent Blanks
MCL	Maximum Contaminant Level
NELAP	National Environmental Laboratory Accreditation Program
QA	Quality Assurance
QC	Quality Control
SSI	Statistically Significant Increase
SSL	Statistically Significant Level
SU	Standard Units
TDS	Total Dissolved Solids
UPL	Upper Prediction Limit
USEPA	United States Environmental Protection Agency
UTL	Upper Tolerance Limit

SECTION 1

EXECUTIVE SUMMARY

In accordance with the United States Environmental Protection Agency's (USEPA's) regulations regarding the disposal of coal combustion residuals (CCR) in landfills and surface impoundments (40 CFR 257.90-257.98, "CCR rule"), groundwater monitoring has been conducted at the Bottom Ash Pond (BAP), an existing CCR unit at the Rockport Power Plant located in Rockport, Indiana.

Based on detection monitoring conducted in 2017 and 2018, statistically significant increases (SSIs) over background were concluded for boron, chloride, fluoride, total dissolved solids (TDS), and sulfate at the BAP. An alternative source was not identified at the time, so the BAP has been in assessment monitoring since 2018. The second semi-annual event of 2020 was conducted in November 2020, in accordance with 40 CFR 257.95. The statistical summary of the results of the November 2020 assessment monitoring event are documented in this report.

Prior to conducting the statistical analyses, the groundwater data underwent several validation tests, including those for completeness, sample tracking accuracy, transcription errors, and consistent use of measurement units. No data quality issues were identified which would impact data usability.

The monitoring data were submitted to Groundwater Stats Consulting, LLC for statistical analysis. Groundwater protection standards (GWPSs) were re-established for the Appendix IV parameters. Confidence intervals were calculated for Appendix IV parameters at the compliance wells to assess whether any were present at concentrations above the GWPSs. No statistically significant levels (SSLs) were identified; however, concentrations of Appendix III parameters remained above background. Thus, the unit will remain in assessment monitoring. Certification of the selected statistical methods by a qualified professional engineer is documented in Attachment A.

SECTION 2

BOTTOM ASH POND EVALUATION

2.1 Data Validation & QA/QC

During the assessment monitoring program, a sampling event was completed in November 2020 and one set of samples was collected for analysis from each upgradient and downgradient well to meet the requirements of 40 CFR 257.95(d)(1). A summary of data collected during this assessment monitoring event may be found in Table 1.

Chemical analysis was completed by an analytical laboratory certified by the National Environmental Laboratory Accreditation Program (NELAP). Quality assurance and quality control (QA/QC) samples completed by the analytical laboratory included the use of laboratory reagent blanks (LRBs), continuing calibration verification (CCV) samples, and laboratory fortified blanks (LFBs).

The analytical data were imported into a Microsoft Access database, where checks were completed to assess the accuracy of sample location identification and analyte identification. Where necessary, unit conversions were applied to standardize reported units across all sampling events. Exported data files were created for use with the Sanitas™ v.9.6.27 statistics software. The export file was checked against the analytical data for transcription errors and completeness. No QA/QC issues were noted which would impact data usability.

2.2 Statistical Analysis

Statistical analyses for the BAP were conducted in accordance with the October 2020 *Statistical Analysis Plan* (Geosyntec, 2020). Time series plots and results for all completed statistical tests are provided in Attachment B.

The data obtained in November 2020 were screened for potential outliers; however, no outliers were identified in this set of data (Attachment B).

2.2.1 Establishment of GWPSs

A GWPS was established for each Appendix IV parameter in accordance with 40 CFR 257.95(h) and the *Statistical Analysis Plan* (Geosyntec, 2020). The established GWPS was determined to be the greater value of the background concentration and the maximum contaminant level (MCL) or risk-based level specified in 40 CFR 257.95(h)(2) for each Appendix IV parameter. To determine background concentrations, an upper tolerance limit (UTL) was calculated using pooled data from the background wells collected during the background monitoring and assessment monitoring events. A tolerance limit was calculated parametrically with 95% coverage and 95% confidence for combined radium. Non-parametric tolerance limits were calculated for antimony, arsenic, barium, cadmium, chromium, cobalt, fluoride, lead, lithium, molybdenum, selenium, and thallium

due to apparent non-normal distributions of the data. Non-parametric tolerance limits were calculated for beryllium, and mercury because greater than 50% of the data was non-detect results. Tolerance limits and the final GWPSs are summarized in Table 2.

2.2.2 Evaluation of Potential Appendix IV SSLs

A confidence interval was constructed for each Appendix IV parameter at each compliance well. Confidence limits were generally calculated parametrically ($\alpha = 0.01$); however, non-parametric confidence limits were calculated in some cases (e.g., when the data did not appear to be normally distributed or when the non-detect frequency was too high). An SSL was concluded if the lower confidence limit (LCL) exceeded the GWPS (i.e., if the entire confidence interval exceeded the GWPS). Calculated confidence limits are shown in Attachment B.

No SSLs were identified at the BAP.

2.2.3 Establishment of Appendix III Prediction Limits

Upper prediction limits (UPLs) for Appendix III parameters were previously updated after sufficient data was collected following the background monitoring period (Geosyntec, 2019). Intrawell tests were used to evaluate potential SSIs for calcium and pH, whereas interwell tests were used to evaluate potential SSIs for boron, chloride, fluoride, sulfate, and total dissolved solids (TDS). While insufficient data was available to update intrawell prediction limits, interwell prediction limits were updated using data through November 2020.

After the revised background set was established, a parametric or non-parametric analysis was selected based on the distribution of the data and the frequency of non-detect data. Estimated results less than the practical quantitation limit (PQL) – i.e., "J-flagged" data – were considered detections and the estimated results were used in the statistical analyses. Non-parametric analyses were selected for datasets with at least 50% non-detect data or datasets that could not be normalized. Parametric analyses were selected for datasets (either transformed or untransformed) that passed the Shapiro-Wilk / Shapiro-Francía test for normality. The Kaplan-Meier non-detect adjustment was applied to datasets with between 15% and 50% non-detect data. For datasets with fewer than 15% non-detect data, non-detect data were replaced with one half of the PQL. The selected analysis (i.e., parametric or non-parametric) and transformation (where applicable) for each background dataset are shown in Attachment B.

Interwell UPLs were updated using all historical data through November 2020 to represent background values. Intrawell prediction limits were not updated, as insufficient data was available. The updated prediction limits are summarized in Table 3. Intrawell tests continued to be used to evaluate potential SSIs for calcium, and pH, whereas interwell tests continued to be used to evaluate potential SSIs for boron, chloride, fluoride, sulfate, and TDS. The interwell prediction limits were calculated for a one-of-two retesting procedure; i.e., if at least one sample in a series of two does not exceed the UPL, then it can be concluded that an SSI has not occurred. The intrawell prediction limits will continue to use a one-of-three retesting procedure; i.e., if at least one sample in a series of three does not exceed the UPL, then it can be concluded that an SSI

has not occurred The retesting procedures allowed achieving an acceptably high statistical power to detect changes at downgradient wells for constituents evaluated using intrawell prediction limits.

2.2.4 Evaluation of Potential Appendix III SSIs

The Appendix III results were analyzed to assess whether concentrations of Appendix III parameters at the compliance wells exceeded background concentrations. Data collected during the November 2020 assessment monitoring event from each compliance well were compared to the prediction limits to assess whether the results are above background values. The results from this event and the prediction limits are summarized in Table 3. The following exceedances of the upper prediction limits (UPLs) were noted:

- Boron concentrations exceeded the interwell UPL of 0.208 mg/L at MW-1002 (1.43 mg/L), MW-1630S (2.35 mg/L), MW-1604I (0.298 mg/L), MW-1604S (0.559 mg/L), and MW-1605S (0.555 mg/L).

- Chloride concentrations exceeded the interwell UPL of 46.4 mg/L at MW-1002 (99.4 mg/L), MW-1602D (87.1 mg/L), MW-1602I (54.5 mg/L), MW-1604S (58.6 mg/L), and MW-1605S (48.4 mg/L).

- Fluoride concentrations exceeded the interwell UPL of 0.700 mg/L at MW-1002 (0.84 mg/L), MW-1603S (0.92 mg/L), and MW-1604S (1.03 mg/L).

- pH values were below the intrawell LPL values of 7.0 SU at MW-1604D (6.4 SU), the intrawell LPL of 7.1 SU at MW-1604I (6.4 SU), the intrawell LPL of 7.1 SU at MW-1604S (6.5 SU), and the intrawell LPL of 7.1 SU at MW-1605S (6.9 SU).

- Sulfate concentrations exceeded the interwell UPL of 76.0 mg/L at MW-1002 (217 mg/L), MW-1602I (135 mg/L), MW-1603S (131 mg/L), MW-1604I (94.4 mg/L), MW-1604S (93.8 mg/L), MW-1605I (86.2 mg/L) and at MW-1605S (167 mg/L).

- TDS concentrations exceeded the interwell UPL of 469 mg/L at MW-1002 (551 mg/L), MW-1602I (537 mg/L), and MW-1605S (609 mg/L).

While the prediction limits were calculated for one-of-two (interwell) or one-of-three (intrawell) retesting procedures, SSIs were conservatively assumed if the November 2020 sample was above the UPL or below the LPL. Based on this evaluation, concentrations of Appendix III constituents appear to be above background concentrations and the unit will remain in assessment monitoring.

2.3 Conclusions

A semi-annual assessment monitoring event was conducted in accordance with the CCR Rule. The laboratory and field data were reviewed prior to statistical analysis, with no QA/QC issues identified that impacted data usability. A review of outliers identified no potential outliers in the

2020 data. GWPSs were re-established for the Appendix IV parameters. A confidence interval was constructed at each compliance well for each Appendix IV parameter; SSLs were concluded if the entire confidence interval exceeded the GWPSs. No SSLs were identified.

The Appendix III results were evaluated to assess whether concentrations of Appendix III parameters exceeded background levels. Boron, chloride, fluoride, sulfate, and TDS results exceeded background levels at select downgradient wells and pH values were below intrawell LPLs.

Based on this evaluation, the Rockport BAP CCR unit will remain in assessment monitoring.

SECTION 3

REFERENCES

Geosyntec Consultants (Geosyntec). 2019. Statistical Analysis Summary – Bottom Ash Pond, Rockport Plant, Rockport, Indiana. December 19, 2019.

Geosyntec Consultants (Geosyntec). 2020. Statistical Analysis Plan – Rockport Plant. October.

TABLES

Table 1 - Groundwater Data Summary
Rockport Plant - Bottom Ash Pond

Geosyntec Consultants, Inc.

Parameter	Unit	MW-1002	MW-1600D	MW-1600I	MW-1600S	MW-1601D	MW-1601I	MW-1601S	MW-1602D	MW-1602I	MW-1603D	MW-1603I	MW-1603S	MW-1604D
		11/16/2020	11/12/2020	11/12/2020	11/12/2020	11/16/2020	11/16/2020	11/16/2020	11/17/2020	11/17/2020	11/13/2020	11/13/2020	11/13/2020	11/13/2020
Antimony	µg/L	0.04 J	0.1 U	0.1 U	0.04 J	0.1 U	0.1 U	0.1 U	0.1 U	0.06 J	0.1 U	0.32	0.04 J	0.1 U
Arsenic	µg/L	0.25	15.8	18.9	0.4	11	17.8	1.97	8.82	33.9	13.5	53	0.17	18.2
Barium	µg/L	17.9	828	698	23.2	524	586	34.9	431	127	119	107	9.07	250
Beryllium	µg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.03 J	0.1 U	0.1 U
Boron	mg/L	1.43	0.05 U	0.05 U	0.04 J	0.03 J	0.02 J	0.092	0.05 J	0.121	0.04 J	0.04 J	2.35	0.02 J
Cadmium	µg/L	0.02 J	0.05 U	0.05 U	0.01 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.01 J	0.05 U
Calcium	mg/L	66.7	81.5	72.7	59.6	85	80.2	74	64	85	79.4	76.1	39.1	68.4
Chloride	mg/L	99.4	30.3	24.6	24.6	18.6	29.8	40.1	87.1	54.5	24.6	35.4	37.6	15.1
Chromium	µg/L	0.212	0.2 J	0.216	0.342	0.2 J	0.2 J	0.347	0.276	0.2 J	0.2 J	0.286	0.208	0.1 J
Cobalt	µg/L	0.48	0.072	1.26	0.03 J	0.05 J	1.22	0.077	0.055	1.43	0.281	1.19	0.297	0.05 J
Combined Radium	pCi/L	1.892	1.593	1.734	0.9926	1.489	2.329	0.0911	2.518	2.14	1.91	1.959	0.6734	1.853
Fluoride	mg/L	0.84	0.25	0.26	0.4	0.18	0.24	0.35	0.33	0.3	0.29	0.42	0.92	0.27
Lead	µg/L	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.06 J	0.2 U	0.564	0.2 U	0.2 U
Lithium	mg/L	0.00562	0.0057	0.00656	0.0144	0.00163	0.00688	0.00609	0.00275	0.0058	0.00326	0.00667	0.0032	0.00154
Mercury	µg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Molybdenum	µg/L	4.95	2 J	2 J	2 U	2.89	2.02	1 J	3.04	2.02	3.64	5.29	2 U	2.54
Selenium	µg/L	0.09 J	0.2 U	0.2 U	0.7	0.2 U	0.2 U	1.6	0.2 U	0.08 J	0.2 U	0.07 J	0.08 J	0.2 U
Sulfate	mg/L	217	42.4	49.9	60.4	19.1	49.5	53	20.5	135	31.5	60	131	20.9
Thallium	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Total Dissolved Solids	mg/L	551	398	392	397	409	418	432	452	537	380	440	365	306
pH	SU	6.2	6.6	6.7	6.5	6.2	6.2	6.4	6.9	7.0	6.8	7.2	7.0	6.4

Notes:
mg/L: milligrams per liter
µg/L: micrograms per liter
SU: standard unit
pCi/L: picocuries per liter
U: Parameter was not present in concentrations above method detection limit and is reported as the reporting limit.
J: Estimated value. Parameter was detected in concentrations below the reporting limit
- : Not sampled

Table 1 - Groundwater Data Summary
Rockport Plant - Bottom Ash Pond

Geosyntec Consultants, Inc.

Parameter	Unit	MW-1604I	MW-1604S	MW-1605D	MW-1605I	MW-1605S	MW-1606D	MW-1606I	MW-1606S	MW-1701D	MW-1701I	MW-1701S	MW-1702D	MW-1702I	MW-1702S
		11/13/2020	11/13/2020	11/13/2020	11/13/2020	11/13/2020	11/16/2020	11/16/2020	11/16/2020	11/17/2020	11/17/2020	11/17/2020	11/17/2020	11/17/2020	11/17/2020
Antimony	µg/L	0.02 J	0.08 J	0.1 U	0.09 J	0.03 J	0.1 U	0.1 U	0.03 J	0.1 U	0.06 J	0.04 J	0.05 J	0.12	0.07 J
Arsenic	µg/L	27.9	0.17	21.1	28.1	0.47	17.7	9.37	0.17	9.58	9.93	0.41	21	65.4	0.37
Barium	µg/L	101	10.5	445	126	6.32	467	60.8	11.5	64.4	41.4	12.3	206	113	4.22
Beryllium	µg/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Boron	mg/L	0.298	0.559	0.05 U	0.06	0.555	0.05 U	0.05 U	0.05 U	0.02 J	0.05 U	0.05 U	0.05 U	0.05 U	0.04 J
Cadmium	µg/L	0.05 U	0.03 J	0.05 U	0.05 U	0.04 J	0.05 U	0.05 U	0.03 J	0.05 U	0.05 U	0.01 J	0.05 U	0.05	0.05 J
Calcium	mg/L	66.3	59.5	76.6	73.3	72.7	81.1	60.9	40.5	71.1	68.4	61.3	86.5	76.5	32.7
Chloride	mg/L	38	58.6	24.4	32.8	48.4	28.9	19.9	21.7	16.8	13.1	21.1	30.6	29	13.9
Chromium	µg/L	0.2 J	0.2 J	0.2 J	0.232	1.12	0.287	0.2 J	0.286	0.209	0.231	0.504	0.2 J	0.204	0.278
Cobalt	µg/L	0.63	0.285	0.06	1.24	0.377	0.052	1.26	0.05 J	1.59	1.17	0.08	0.519	1.66	0.03 J
Combined Radium	pCi/L	1.186	0.2723	1.119	1.672	2.5781	0.924	0.968	1.328	1.585	1.337	1.675	1.1	1.671	1.17
Fluoride	mg/L	0.35	1.03	0.21	0.21	0.54	0.18	0.21	0.56	0.33	0.43	0.4	0.2	0.23	0.64
Lead	µg/L	0.2 U	0.2 U	0.2 U	0.2 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.07 J	0.2 U	0.2 U	0.1 J	0.2 U
Lithium	mg/L	0.00674	0.00868	0.00156	0.00513	0.0105	0.000564	0.00361	0.00846	0.00659	0.00553	0.00508	0.00416	0.00429	0.00116
Mercury	µg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Molybdenum	µg/L	2.19	2.94	2 J	1 J	2.21	2 J	1 J	1 J	1 J	1 J	0.7 J	2 J	2 J	1 J
Selenium	µg/L	0.2 U	0.09 J	0.2 U	0.2 U	0.8	0.04 J	0.2 U	4.7	0.2 U	0.04 J	0.3	0.03 J	0.2 U	1.3
Sulfate	mg/L	94.4	93.8	43.2	86.2	167	30.8	39.1	32.7	40.3	36.5	17.1	37	41.6	17.6
Thallium	µg/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Total Dissolved Solids	mg/L	439	428	367	429	609	371	309	337	379	341	322	384	394	259
pH	SU	6.4	6.5	7.0	7.1	6.9	7.3	7.4	6.8	7.0	6.9	6.9	6.8	6.8	6.5

Notes:
mg/L: milligrams per liter
µg/L: micrograms per liter
SU: standard unit
pCi/L: picocuries per liter
U: Parameter was not present in concentrations above method detection limit and is reported as the reporting limit.
J: Estimated value. Parameter was detected in concentrations below the reporting limit
- : Not sampled

Table 2: Groundwater Protection Standards
Rockport Plant - Bottom Ash Pond

Constituent Name	MCL	CCR Rule-Specified	Calculated UTL	GWPS
Antimony, Total (mg/L)	0.006		0.0004	0.006
Arsenic, Total (mg/L)	0.01		0.07	0.07
Barium, Total (mg/L)	2		0.1	2
Beryllium, Total (mg/L)	0.004		0.0001	0.004
Cadmium, Total (mg/L)	0.005		0.00028	0.005
Chromium, Total (mg/L)	0.1		0.0016	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.003	0.006
Combined Radium, Total (pCi/L)	5		2.5	5
Fluoride, Total (mg/L)	4		0.70	4
Lead, Total (mg/L)	n/a	0.015	0.0015	0.015
Lithium, Total (mg/L)	n/a	0.04	0.038	0.04
Mercury, Total (mg/L)	0.002		0.000005	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.0087	0.1
Selenium, Total (mg/L)	0.05		0.0038	0.05
Thallium, Total (mg/L)	0.002		0.0005	0.002

Notes:
MCL = Maximum Contaminant Level
CCR = Coal Combustion Residual
GWPS = Groundwater Protection Standard
Calculated UTL (Upper Tolerance Limit) represents site-specific background values.
Grey cells indicate the GWPS is based on the calculated UTL, which is higher than the MCL or CCR Rule-specified value.

Table 3 - Appendix III Data Summary
Rockport Plant - Bottom Ash Pond

Geosyntec Consultants, Inc.

Analyte	Unit	Description	MW-1002	MW-1602D	MW-1602I	MW-1603D	MW-1603I	MW-1603S	MW-1604D	MW-1604I	MW-1604S
			11/16/2020	11/17/2020	11/17/2020	11/13/2020	11/13/2020	11/13/2020	11/13/2020	11/13/2020	11/13/2020
Boron	mg/L	Interwell Background Value (UPL)	0.208								
		Analytical Result	**1.43**	0.05	0.121	0.04	0.04	**2.35**	0.02	**0.298**	**0.559**
Calcium	mg/L	Intrawell Background Value (UPL)	78.3	79.7	87.8	96.7	104	96.2	76.1	84.4	108
		Analytical Result	66.7	64	85	79.4	76.1	39.1	68.4	66.3	59.5
Chloride	mg/L	Interwell Background Value (UPL)	46.4								
		Analytical Result	**99.4**	**87.1**	**54.5**	24.6	35.4	37.6	15.1	38	**58.6**
Fluoride	mg/L	Interwell Background Value (UPL)	0.700								
		Analytical Result	**0.84**	0.33	0.3	0.29	0.42	**0.92**	0.27	0.35	**1.03**
pH	SU	Intrawell Background Value (UPL)	7.8	8.1	7.8	7.4	7.8	7.6	7.4	7.8	7.9
		Intrawell Background Value (LPL)	6.1	6.7	6.8	6.8	6.8	6.4	7.0	7.1	7.1
		Analytical Result	6.2	6.9	7.0	6.8	7.2	7.0	**6.4**	**6.4**	**6.5**
Sulfate	mg/L	Interwell Background Value (UPL)	76.0								
		Analytical Result	**217**	20.5	**135**	31.5	60	**131**	20.9	**94.4**	**93.8**
Total Dissolved Solids	mg/L	Interwell Background Value (UPL)	469								
		Analytical Result	**551**	452	**537**	380	440	365	306	439	428

Analyte	Unit	Description	MW-1605D	MW-1605I	MW-1605S	MW-1606D	MW-1606I	MW-1606S
			11/13/2020	11/13/2020	11/13/2020	11/16/2020	11/16/2020	11/16/2020
Boron	mg/L	Interwell Background Value (UPL)	0.208					
		Analytical Result	0.02	0.06	**0.555**	0.02	0.02	0.02
Calcium	mg/L	Intrawell Background Value (UPL)	95.3	104	88.6	81.4	86.3	68.1
		Analytical Result	76.6	73.3	72.7	81.1	60.9	40.5
Chloride	mg/L	Interwell Background Value (UPL)	46.4					
		Analytical Result	24.4	32.8	**48.4**	28.9	19.9	21.7
Fluoride	mg/L	Interwell Background Value (UPL)	0.700					
		Analytical Result	0.21	0.21	0.54	0.18	0.21	0.56
pH	SU	Intrawell Background Value (UPL)	7.4	7.6	7.7	8.4	8.3	7.8
		Intrawell Background Value (LPL)	6.9	6.9	7.1	6.9	6.4	6.3
		Analytical Result	7.0	7.1	**6.9**	7.3	7.4	6.8
Sulfate	mg/L	Interwell Background Value (UPL)	76.0					
		Analytical Result	43.2	**86.2**	**167**	30.8	39.1	32.7
Total Dissolved Solids	mg/L	Interwell Background Value (UPL)	469					
		Analytical Result	367	429	**609**	371	309	337

Notes:
UPL: Upper prediction limit
LPL: Lower prediction limit
Bold values exceed the background value.
Background values are shaded gray.
- : Not Sampled

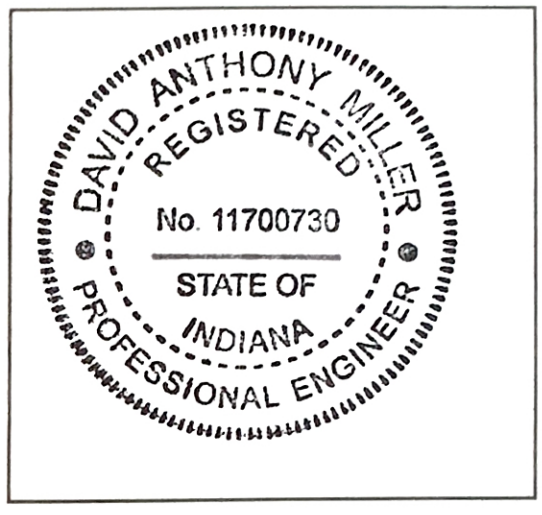
ATTACHMENT A
Certification by Qualified Professional Engineer

Certification by Qualified Professional Engineer

I certify that the selected and above described statistical method is appropriate for evaluating the groundwater monitoring data for the Rockport Bottom Ash Pond CCR management area and that the requirements of 40 CFR 257.93(f) have been met.

DAVID ANTHONY MILLER

Printed Name of Licensed Professional Engineer



David Anthony Miller

Signature

11700730	INDIANA	03.10.21
License Number	Licensing State	Date

ATTACHMENT B

Statistical Analysis Output

GROUNDWATER STATS CONSULTING

March 8, 2021

Geosyntec Consultants
Attn: Ms. Allison Kreinberg
941 Chatham Lane, #103
Columbus, OH 43221

Re: Rockport Bottom Ash Pond
Background Update & November 2020 Assessment Monitoring Analysis

Dear Ms. Kreinberg,

Groundwater Stats Consulting (GSC), formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the background update for the Appendix III constituents as well as the statistical evaluation of Appendix IV constituents for the November 2020 sample event at American Electric Power Inc.'s Rockport Bottom Ash Pond. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals from Electric Utilities (CCR Rule, 2015) as well as with the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began at the site for the CCR program in 2016. The monitoring well network, as provided by Geosyntec Consultants, consists of the following:

- **Upgradient wells:** MW-1600D, MW-1600I, MW-1600S, MW-1601D, MW-1601I, MW-1601S; MW-1701S, MW-1702D, MW-1702I, MW-1702S, MW-1701D, and MW-1701I
- **Downgradient wells:** MW-1002, MW-1602D, MW-1602I, MW-1603D, MW-1603I, MW-1603S, MW-1604D, MW-1604I, MW-1604S, MW-1605D, MW-1605I, MW-1605S, MW-1606D, MW-1606I, and MW-1606S

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Groundwater Statistician and Founder of Groundwater Stats Consulting. The statistical analysis was conducted according to the January 2018 screening evaluation prepared by GSC and approved by Dr. Kirk Cameron.

The CCR program consists of the following constituents:

- **Appendix III** (Detection Monitoring) **-** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Appendix IV** (Assessment Monitoring) **–** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

Time series plots for all well/constituent pairs are particularly useful for screening parameters detected in downgradient wells which require statistical analyses (Figure A). Additionally, a separate section of box plots is included for all constituents at both upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

Due to varying detection limits in background data sets due to improved laboratory practices, a substitution of the most recent reporting limit is used for all nondetects. In some cases, the reporting limit provided by the laboratory contains varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. However, in the time series plots, the most recent reporting limit is substituted for nondetects across all wells for a given parameter since the wells are plotted as a group.

For regulatory comparison of current observations against statistical limits for Appendix III constituents, the annual site-wide false positive rate is based on the USEPA Unified Guidance (2009) recommendation of 10% (5% for each semi-annual sample event). Power curves are included with this report and demonstrate that the selected statistical methods provide sufficient power to detect a change at any of the downgradient wells which complies with the USEPA Unified Guidance recommendation. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Semi-Annual Sampling
Intrawell Prediction Limits = 1-of-3 resample plan
Interwell Prediction Limits = 1-of-2 resample plan
Constituents, c=7
Downgradient wells, w=15

Summary of Statistical Methods:

1) Intrawell prediction limits, combined with a 1-of-3 resample plan for calcium and pH
2) Interwell prediction limits combined with a 1-of-2 resample plan for boron, chloride, fluoride, sulfate, and TDS

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are nondetects, a nonparametric test is utilized. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Nondetects are handled as follows.

- No statistical analyses are required on wells and analytes containing 100% nondetects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% nondetects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for nondetects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% nondetects, the Kaplan-Meier nondetect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% nondetects.

Note that values shown on data pages reflect raw data as reported by the laboratory. When non-detects have been substituted in the statistical analysis with one-half of the most reporting limit due to data sets containing <15% nondetects as described above, values are displayed as the original reporting limit.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the intrawell case, data for all wells and constituents may be re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In the interwell case, prediction limits are updated with upgradient well data following each sampling event after careful screening for any new outliers. In some cases,

deselecting the earlier portion of data may be necessary prior to construction of limits so that resulting statistical limits are conservative (lower) from a regulatory perspective and capable of rapidly detecting changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Background Update – Appendix III - November 2020

As mentioned above, in the intrawell case, data for all wells and constituents will be re-evaluated when a minimum of 4 new data points are available. Both calcium and pH currently lack sufficient data to update background, and therefore, intrawell prediction limits for these constituents will be updated when 4 compliance points are available. Intrawell prediction limits, combined with a 1-of-3 resample plan, currently use all historical data through September 2019, and a summary table of the limits follows this report (Figure D).

For parameters tested using interwell analyses, the time series graphs indicated stable data at each upgradient well; therefore, no trend tests were performed on these data. All interwell prediction limits, combined with a 1-of-2 resample plan, were updated with upgradient well data through November 2020 and time series plots accompany the updated limits (Figure E).

Evaluation of Appendix IV Parameters – November 2020 Sampling Event

Prior to evaluating Appendix IV parameters, background (upgradient) data are screened through visual screening for any new potential outliers or extreme trending patterns that would lead to artificially elevated statistical limits. High outliers are also 'cautiously' flagged in the downgradient wells when they are clearly much different from the rest of the data. This is intended to be a regulatory conservative approach in that it will reduce the variance and thus reduce the width of parametric confidence intervals; although it will also reduce the mean and thus lower the entire interval. The intent is to better represent the actual downgradient mean. A summary of flagged outliers follows this report (Figure C).

Interwell upper tolerance limits were used to calculate the site-specific background limits from pooled upgradient well data for Appendix IV parameters (Figure F). Parametric tolerance limits are used when data follow a normal or transformed-normal distribution and use a target of 95% confidence and 95% coverage. The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. When data contained greater than 50% nondetects or did not follow a normal

or transformed-normal distribution, non-parametric tolerance limits were used. The background limits were then used when determining the groundwater protection standard (GWPS) (Figure G).

Confidence intervals were then constructed on downgradient wells for each of the Appendix IV parameters using the highest limit of the MCL, CCR-Rule specified, or background limit as the GWPS, as discussed above (Figure H). Only when the entire confidence interval is above a GWPS is the well/constituent pair considered to exceed its respective standard. If there is an exceedance of the GWPS, a statistically significant level (SSL) exceedance is identified. No confidence interval exceedances were found for any of the downgradient wells. A summary of the confidence interval results follows this letter.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for the Rockport Bottom Ash Pond. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Abdul Diane
Groundwater Analyst

Kristina Rayner
Groundwater Statistician

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Hollow symbols indicate censored values.

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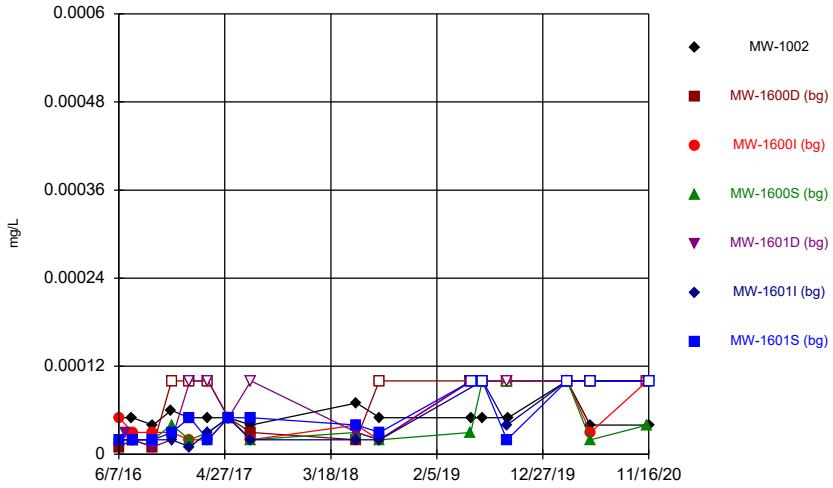

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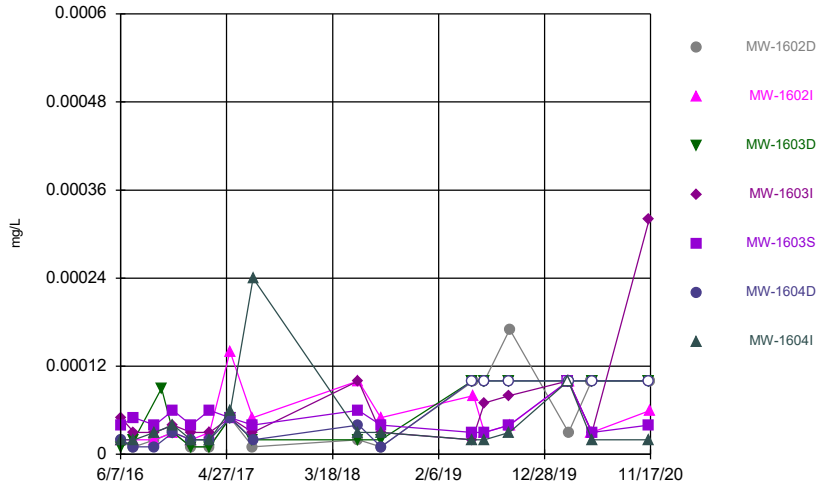

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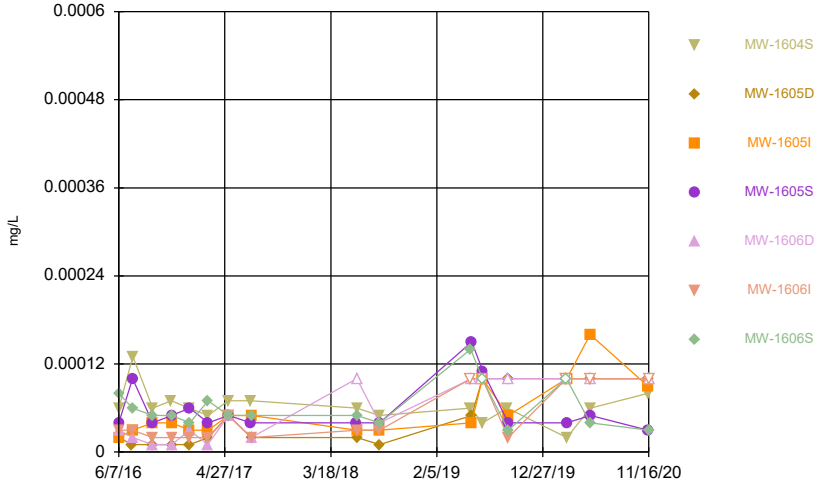

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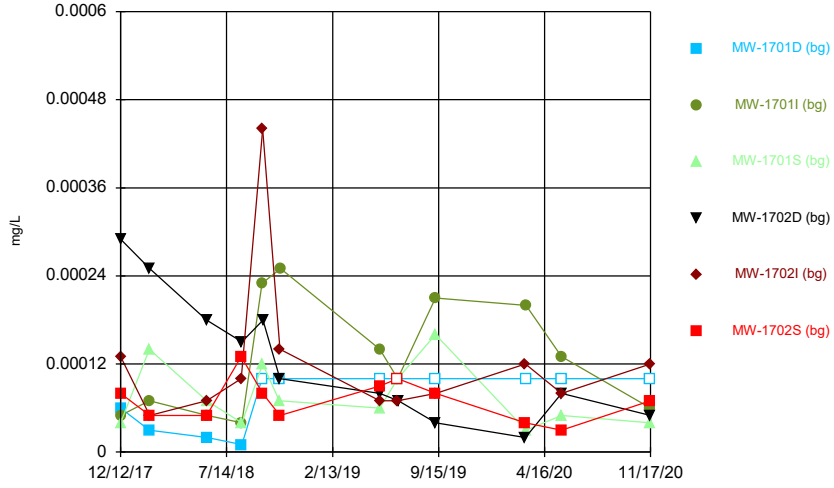

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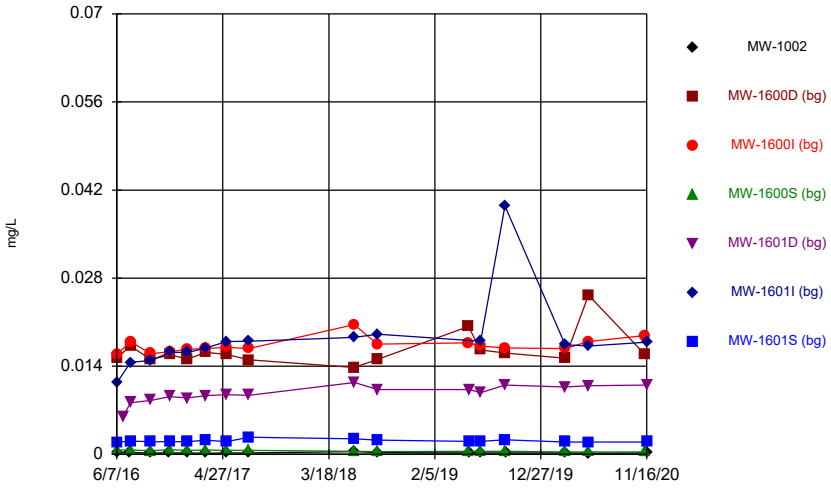

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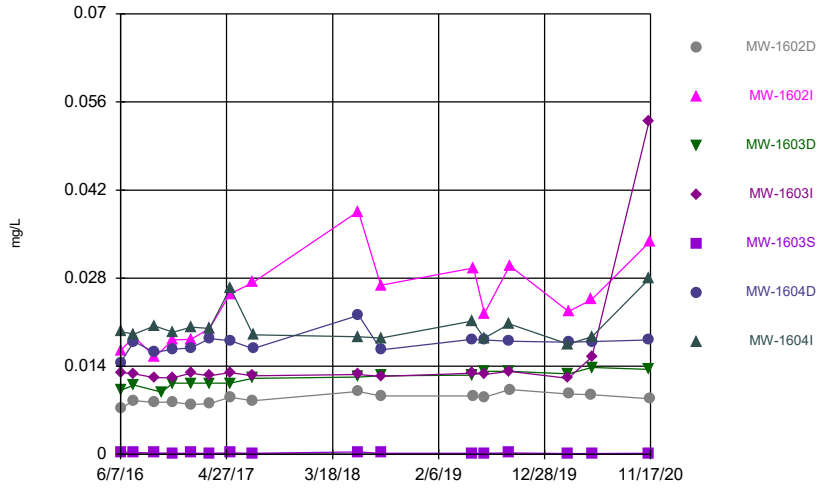

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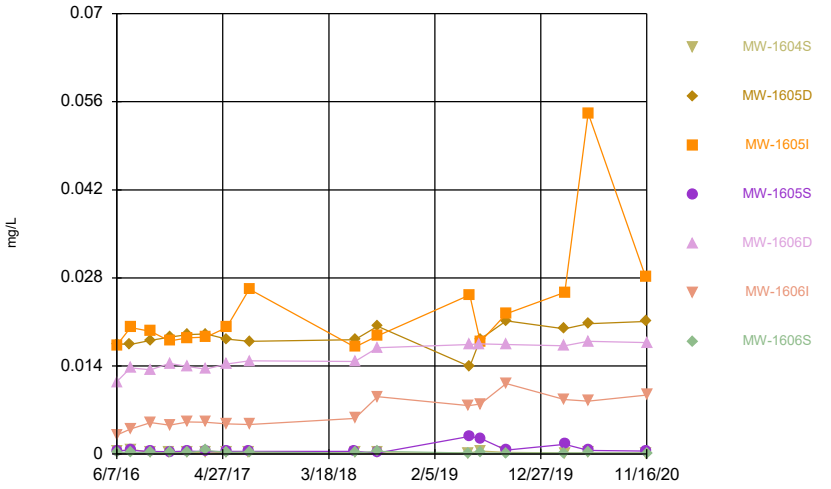

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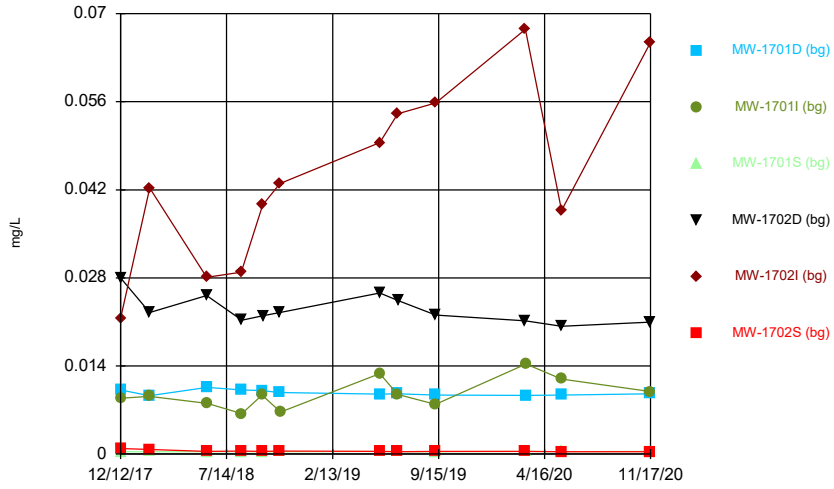

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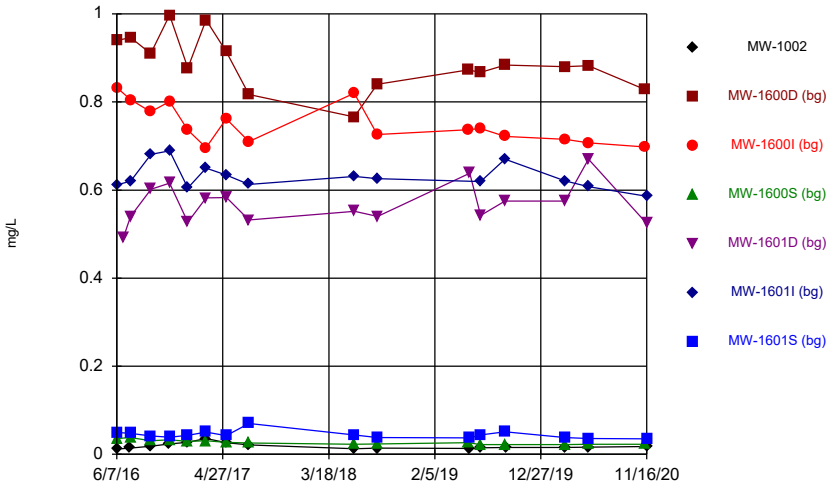

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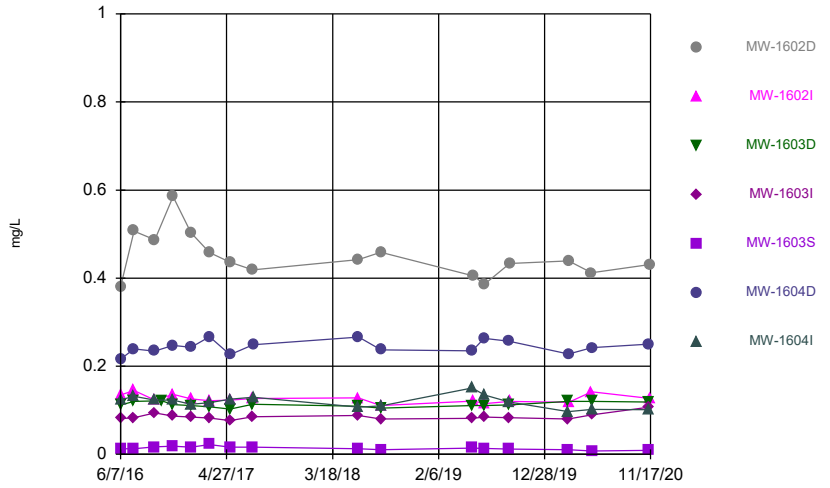

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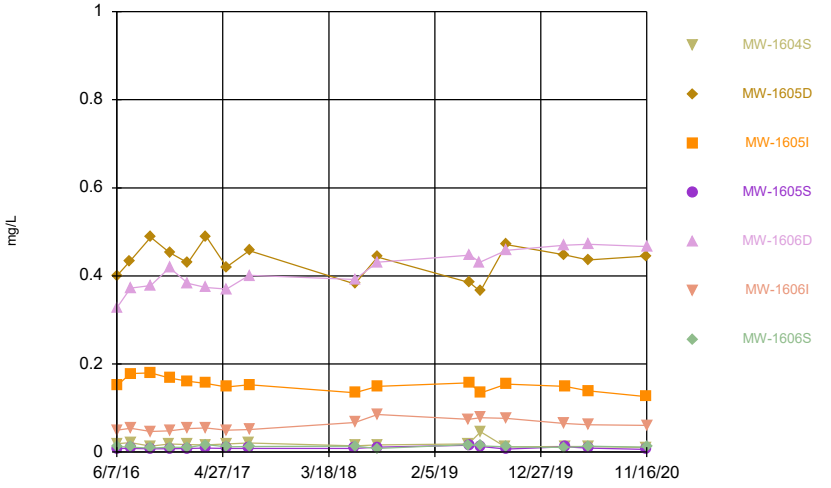

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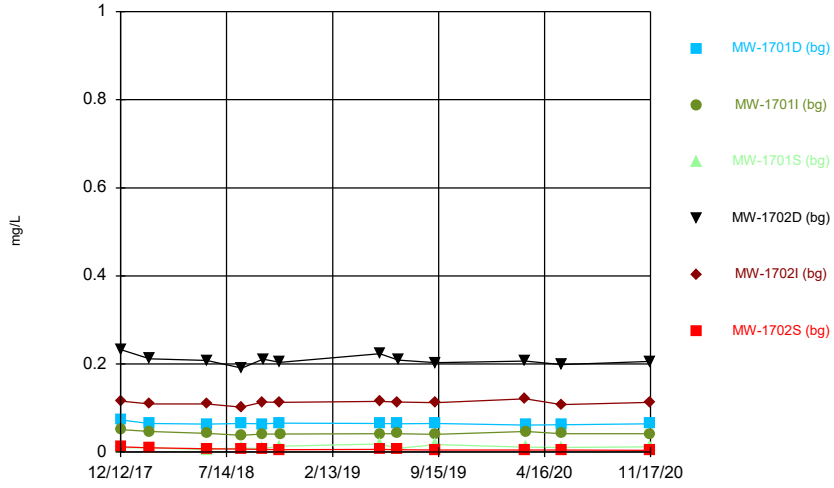

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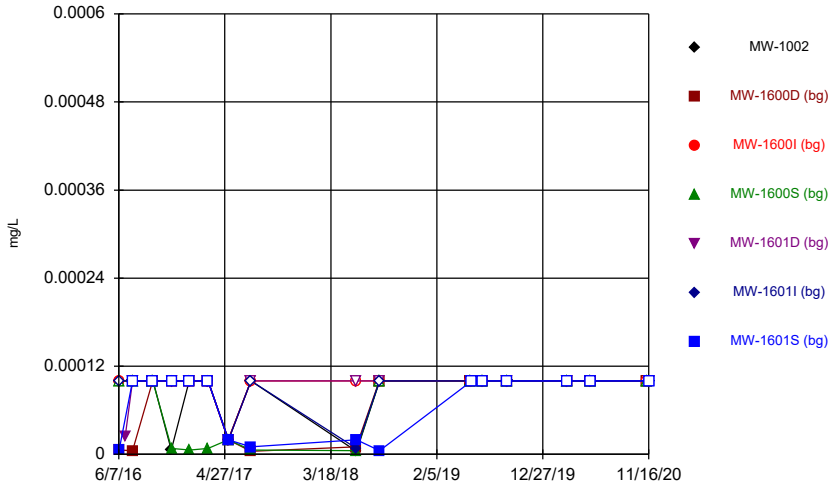

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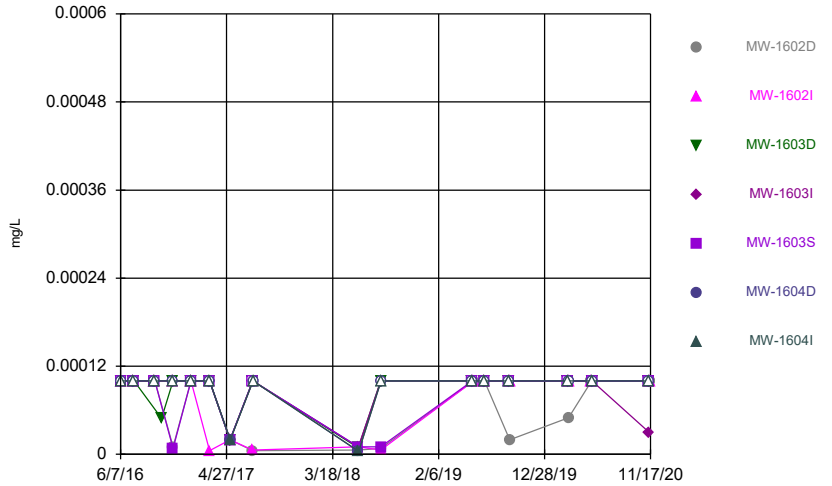

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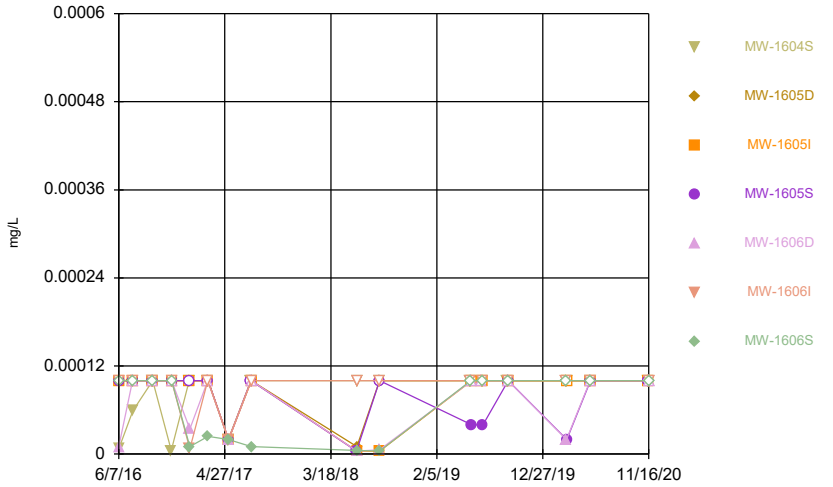

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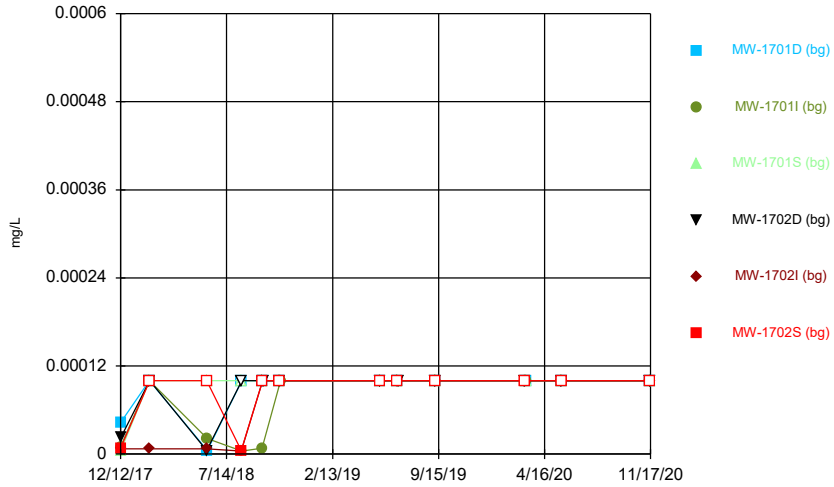

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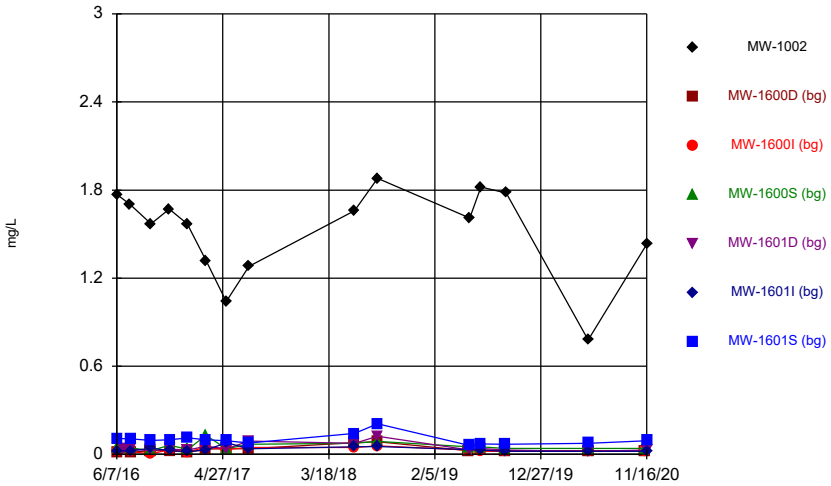

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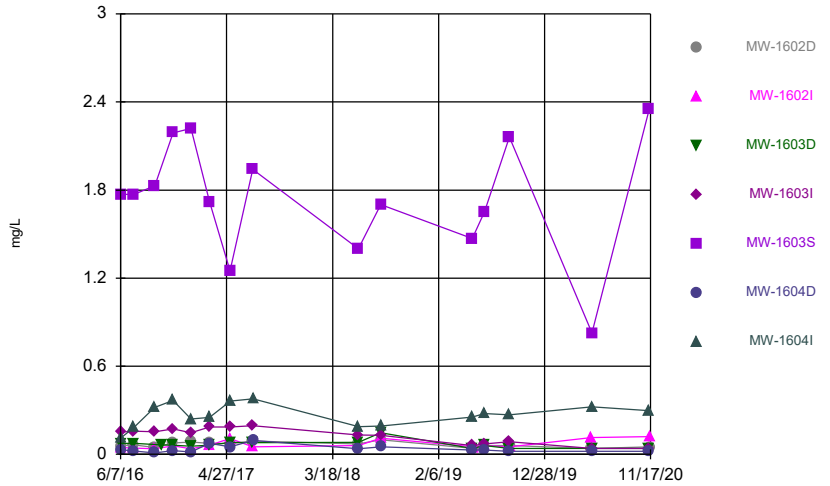

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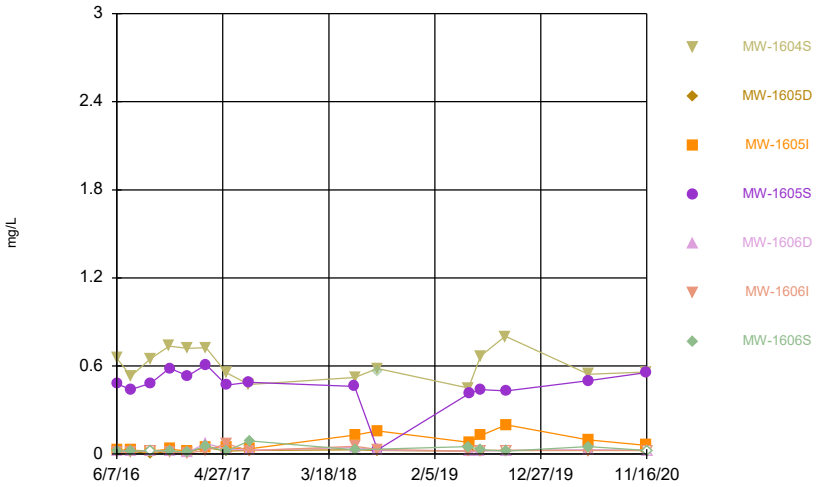

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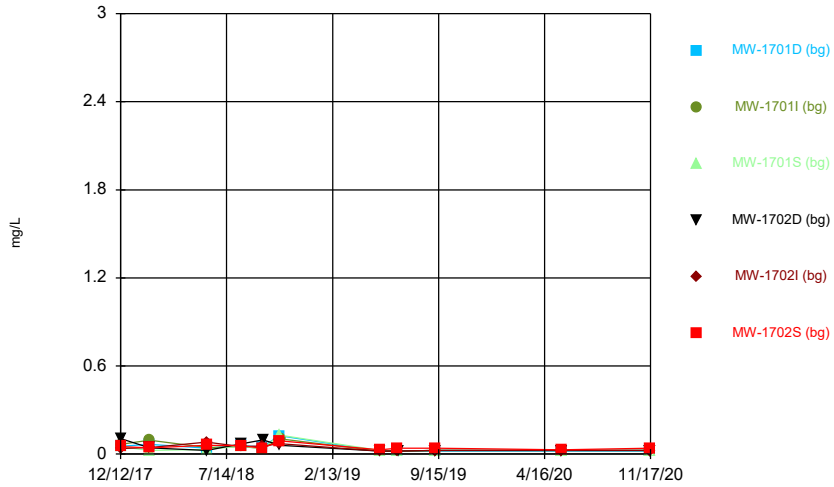
Hollow symbols indicate censored values.

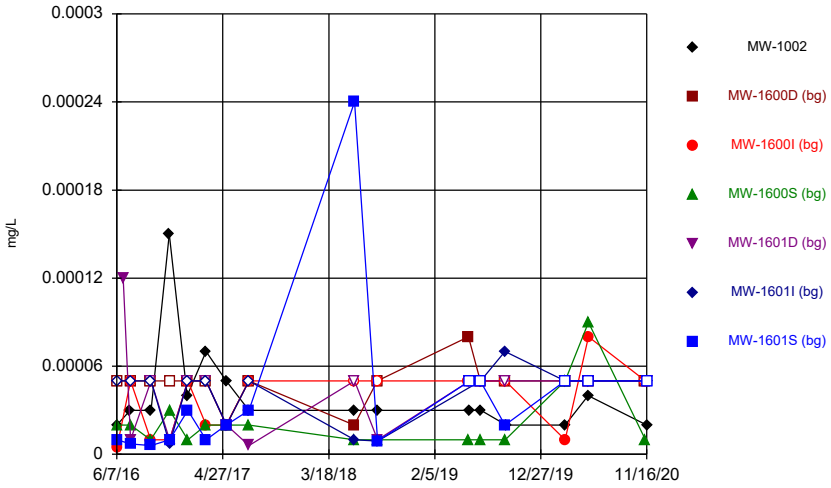
Time Series



Constituent: Boron, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

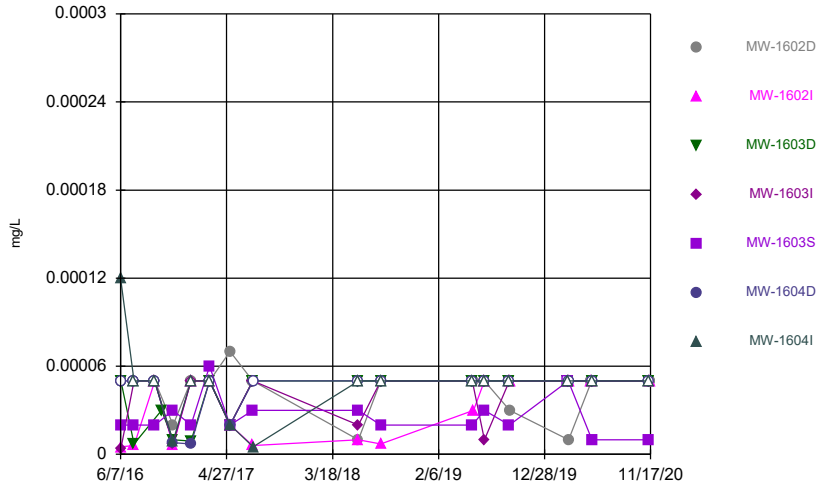
Time Series



Constituent: Cadmium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

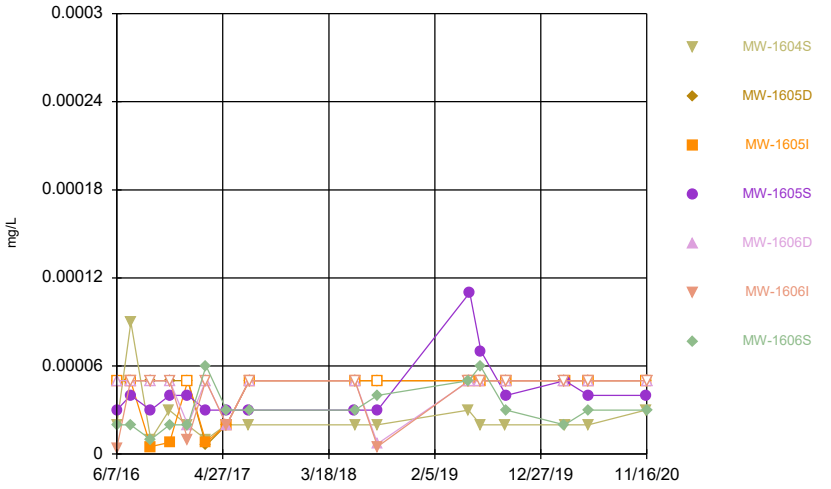
Time Series



Constituent: Cadmium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

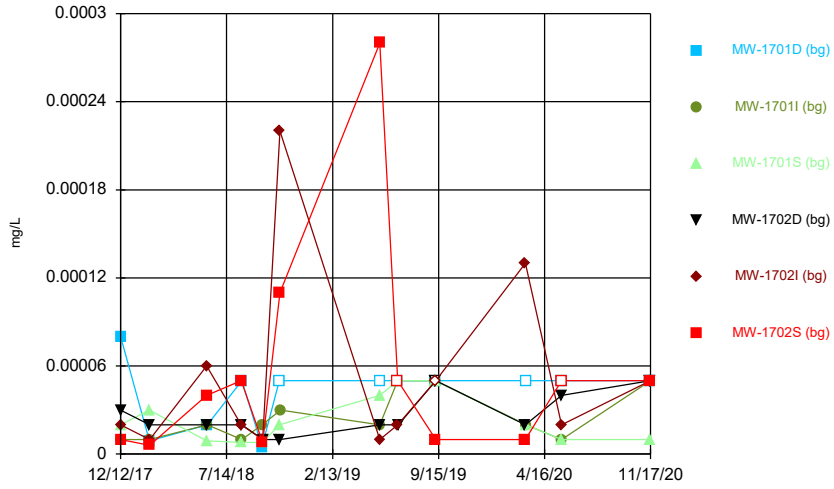
Time Series



Constituent: Cadmium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

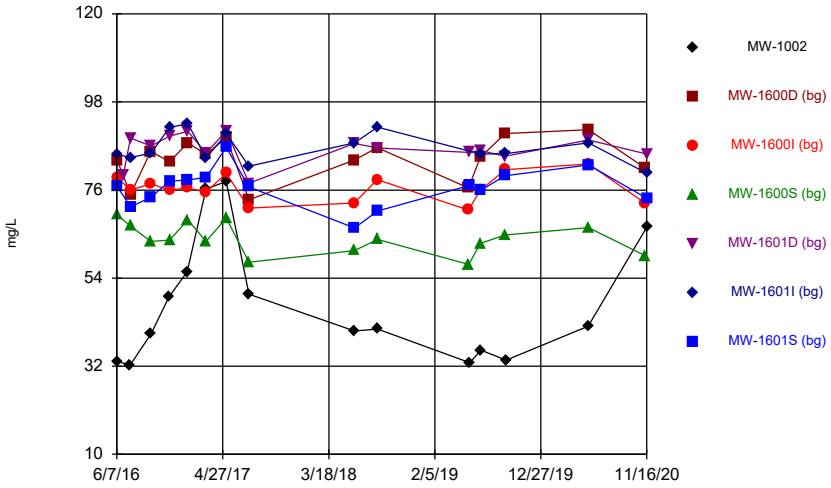
Time Series



Constituent: Cadmium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

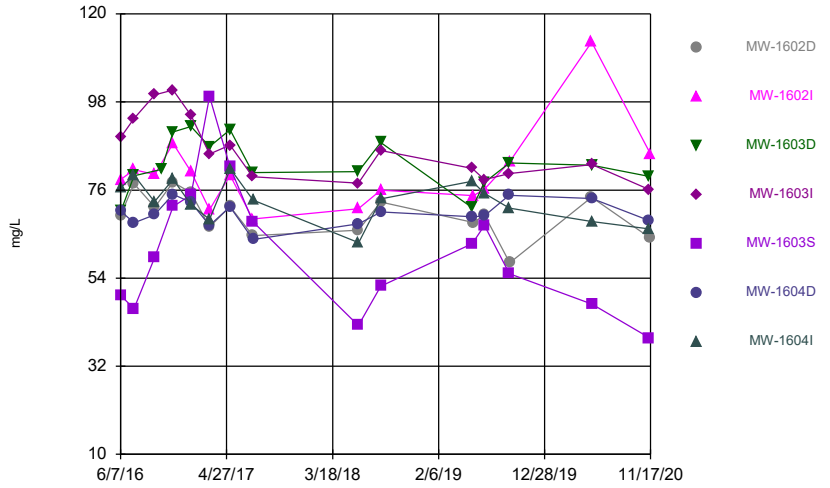
Time Series



Constituent: Calcium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

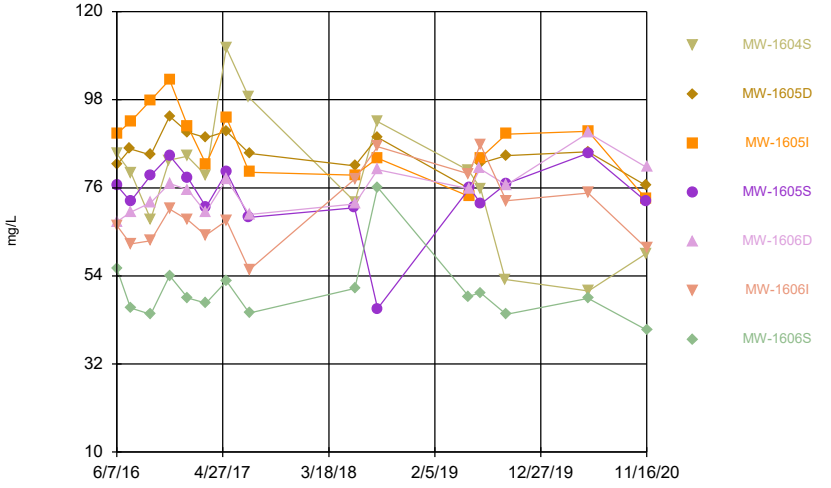
Time Series



Constituent: Calcium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

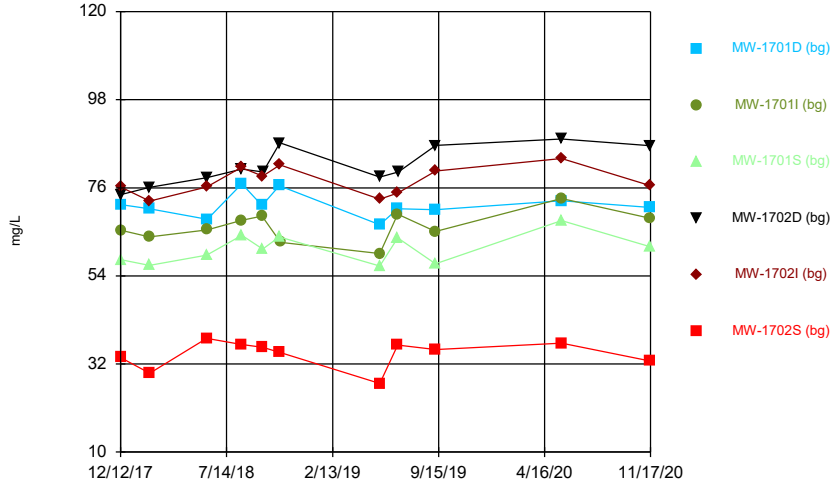
Time Series



Constituent: Calcium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

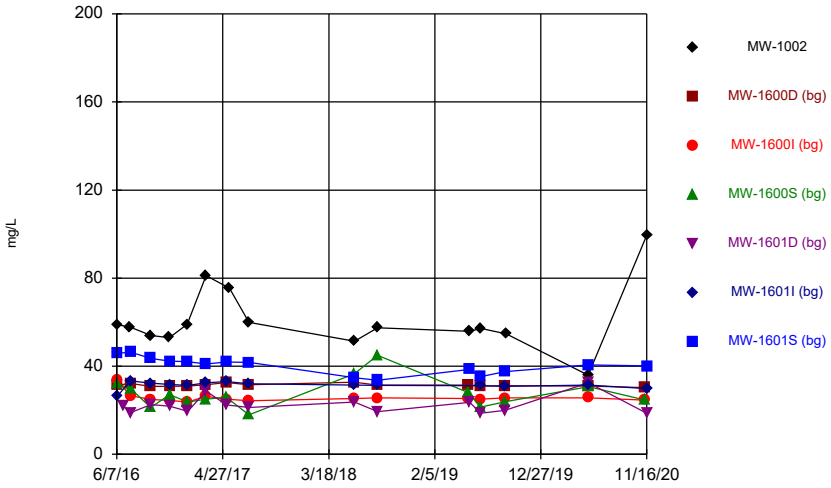
Time Series



Constituent: Calcium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

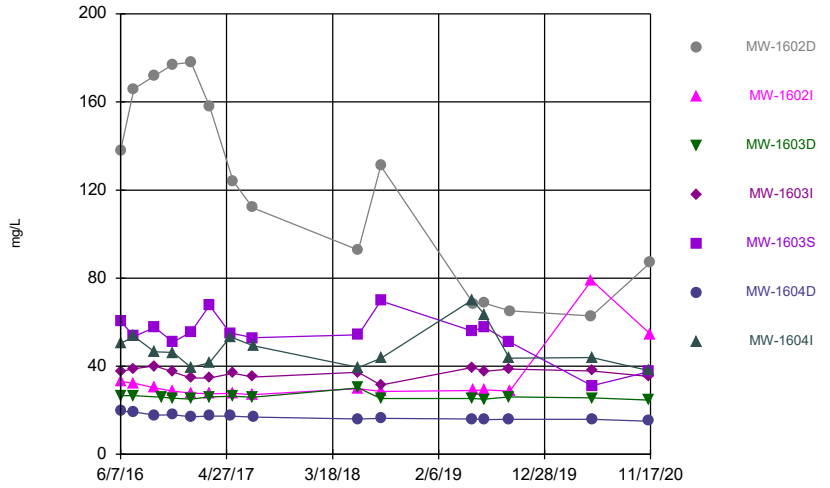
Time Series



Constituent: Chloride, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

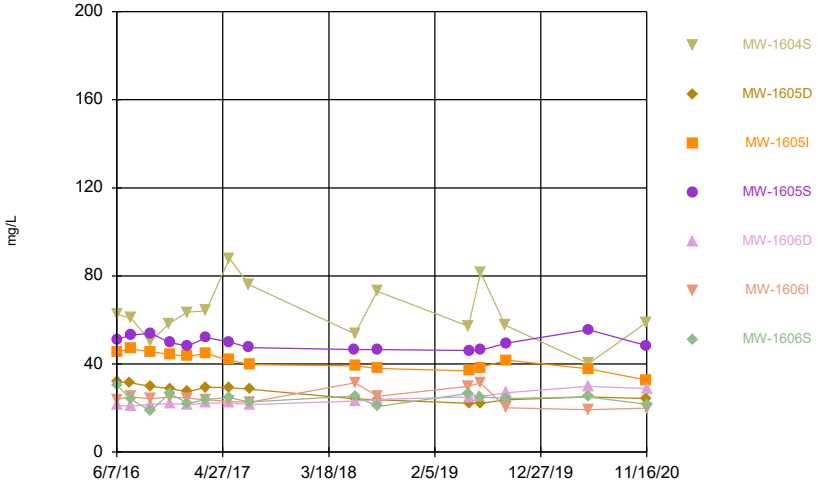
Time Series



Constituent: Chloride, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

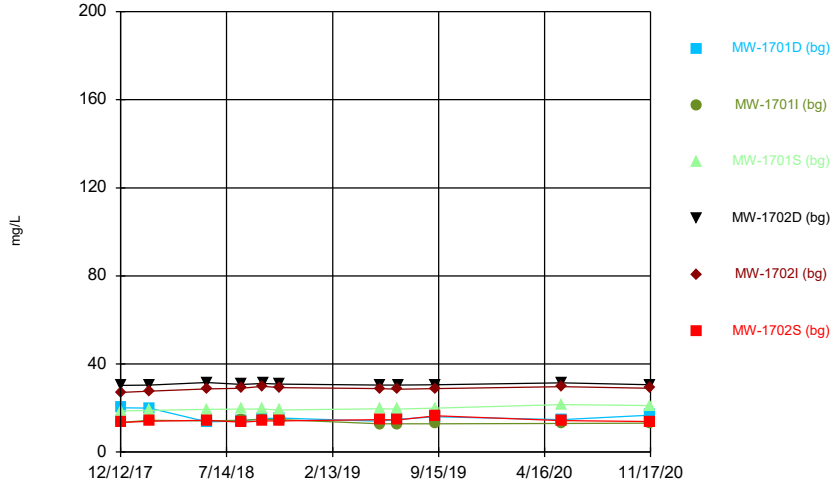
Time Series



Constituent: Chloride, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

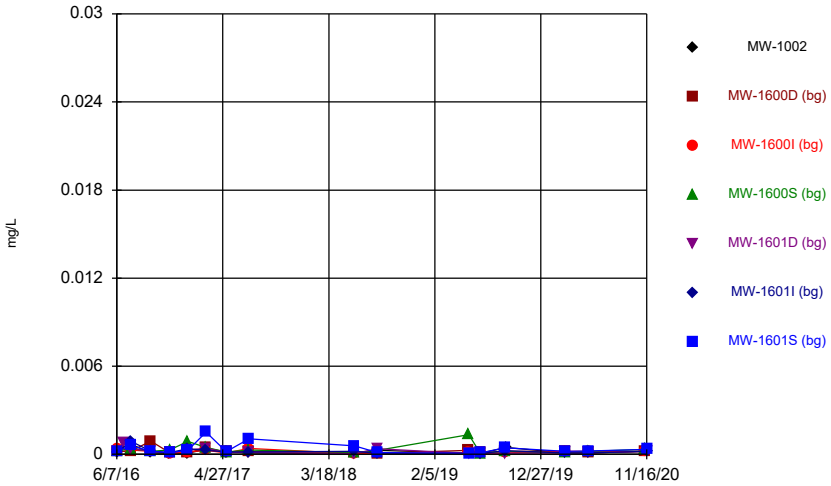
Time Series



Constituent: Chloride, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

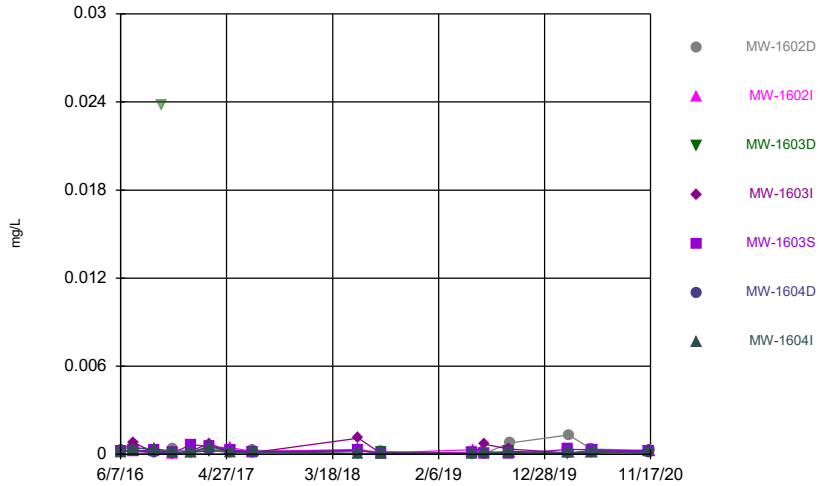
Time Series



Constituent: Chromium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

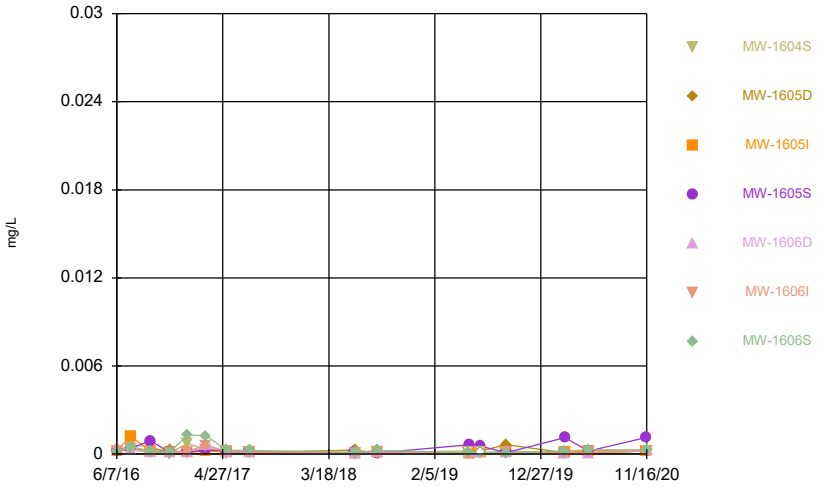
Time Series



Constituent: Chromium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

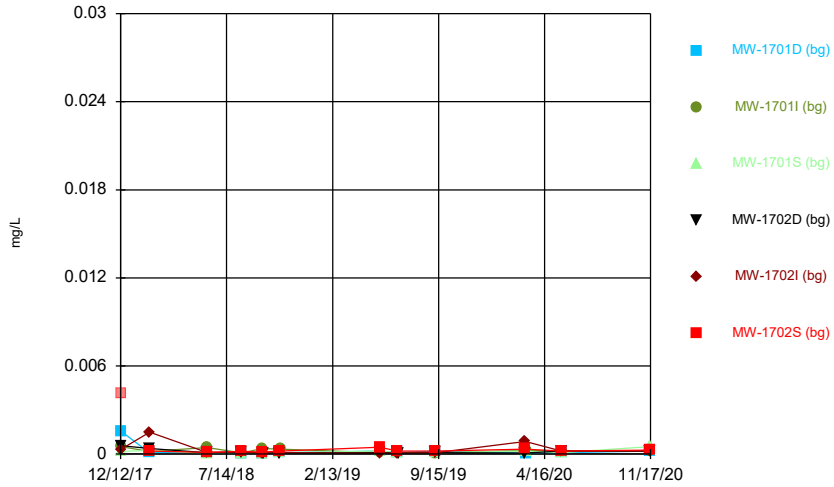
Time Series



Constituent: Chromium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

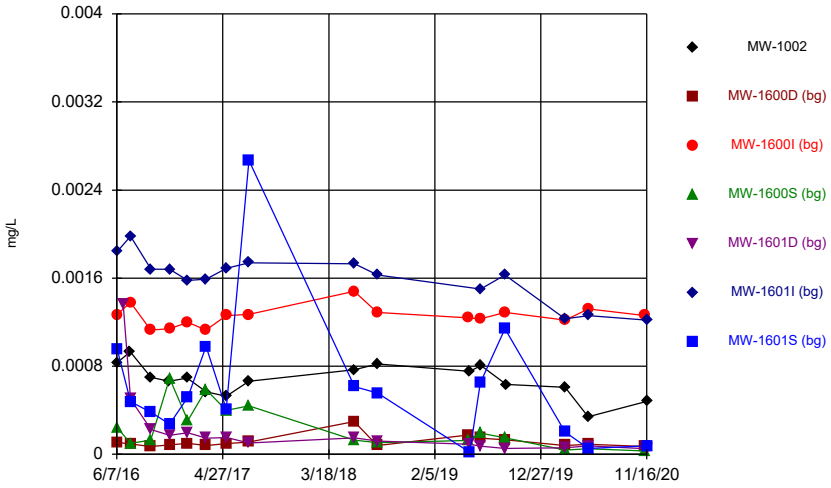
Time Series



Constituent: Chromium, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

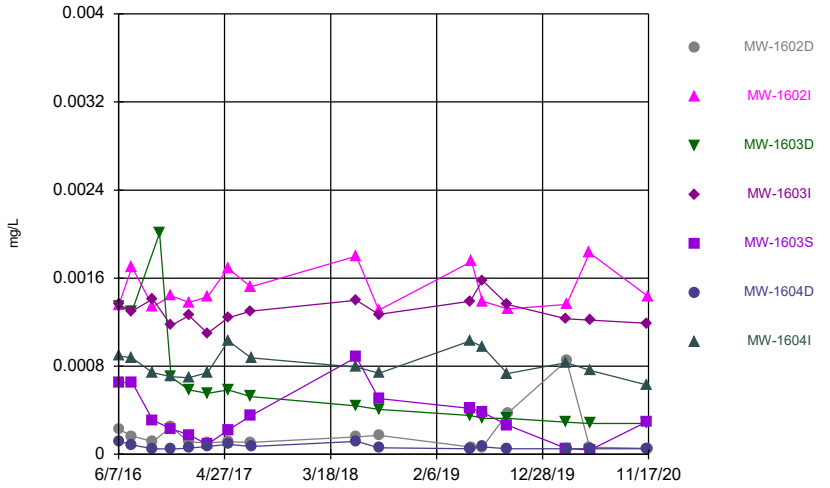
Time Series



Constituent: Cobalt, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

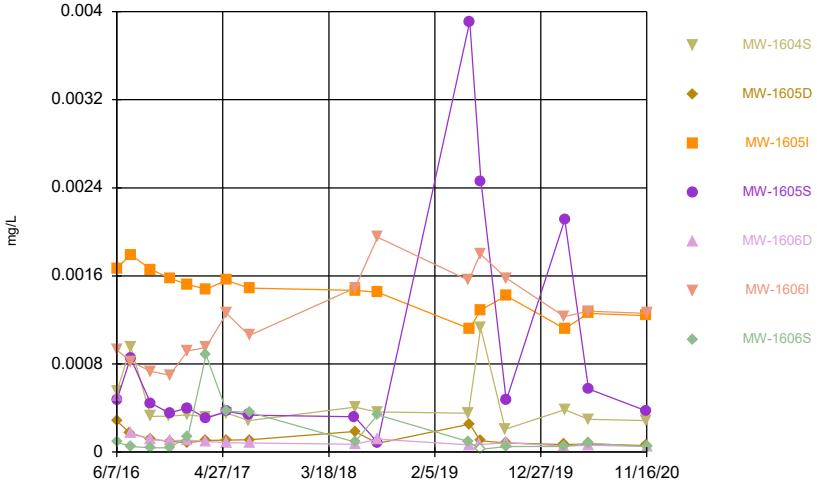
Time Series



Constituent: Cobalt, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

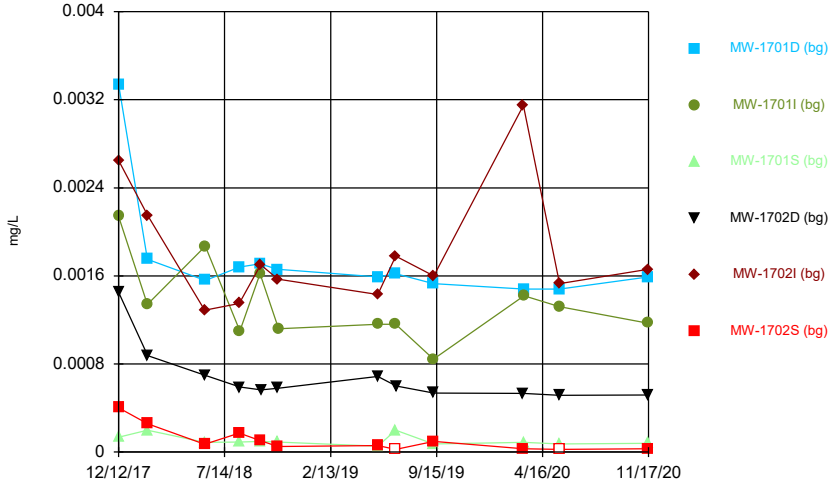
Time Series



Constituent: Cobalt, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

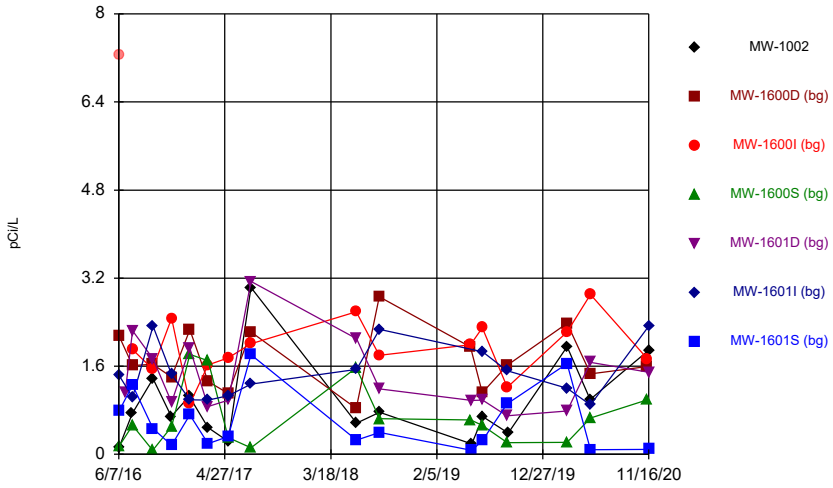
Time Series



Constituent: Cobalt, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

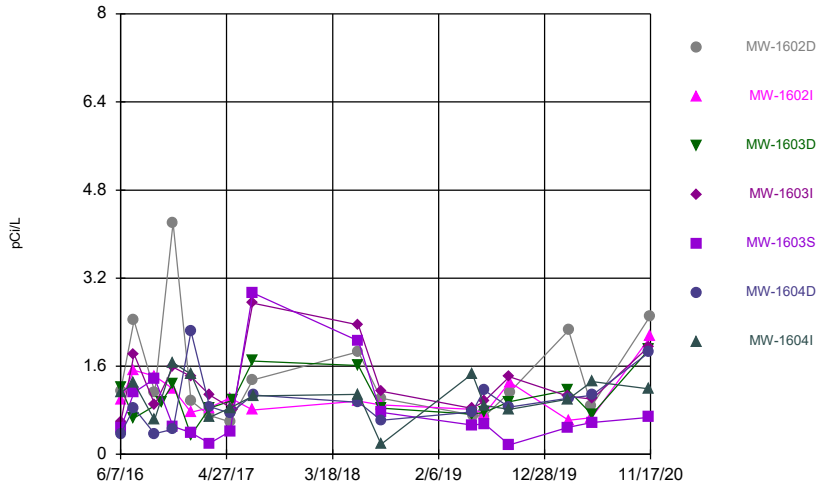
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

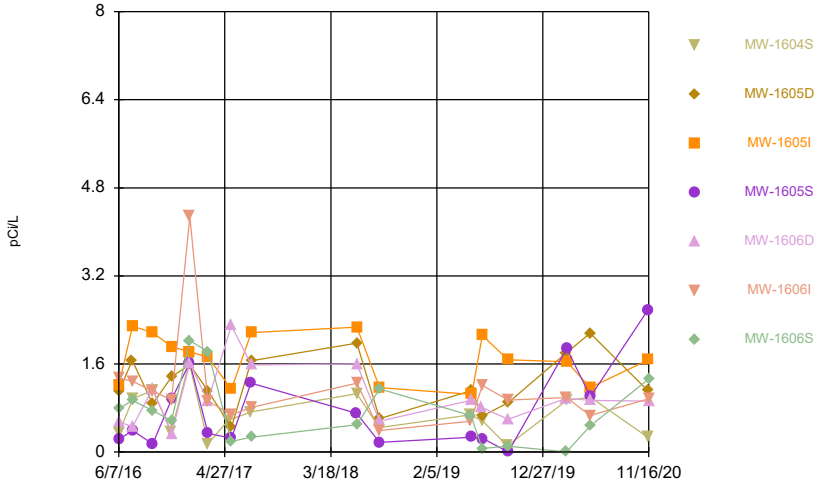
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

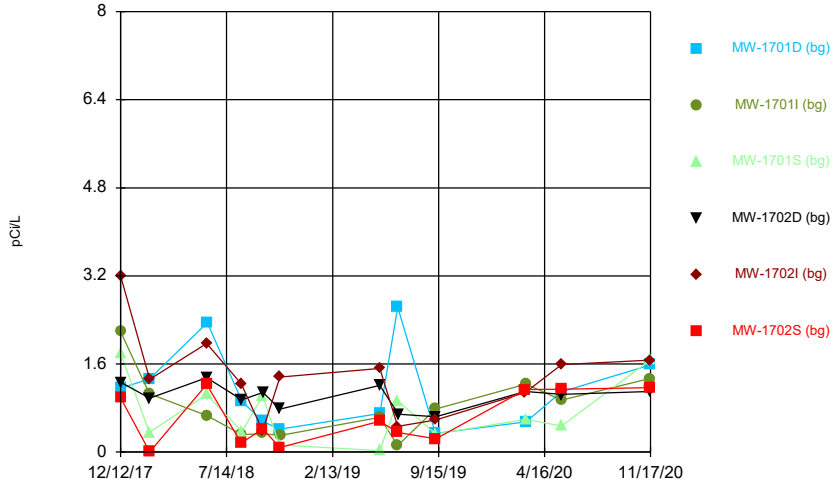
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

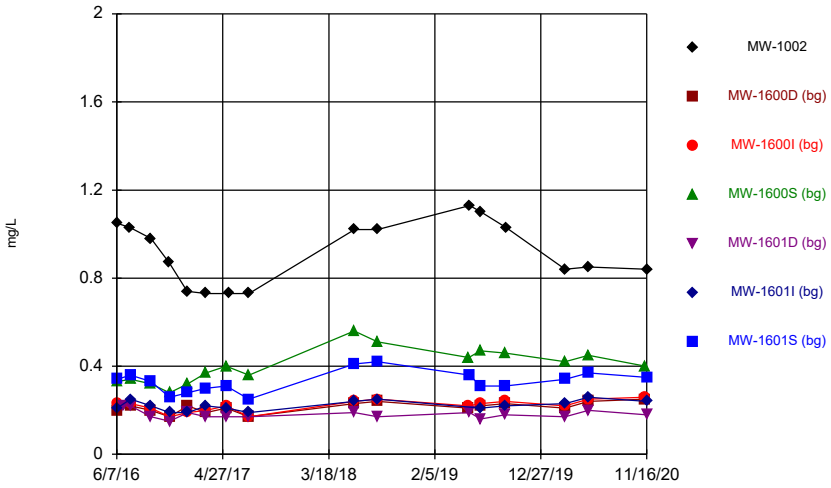
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

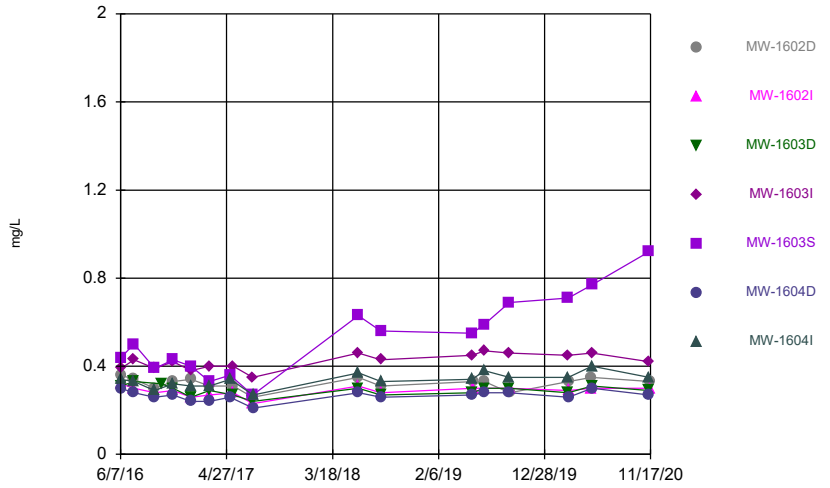
Time Series



Constituent: Fluoride, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

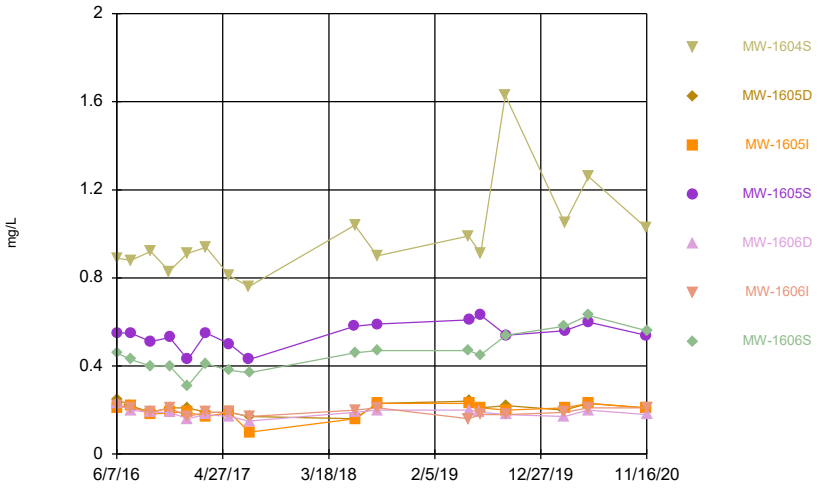
Time Series



Constituent: Fluoride, total Analysis Run 1/29/2021 7:17 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

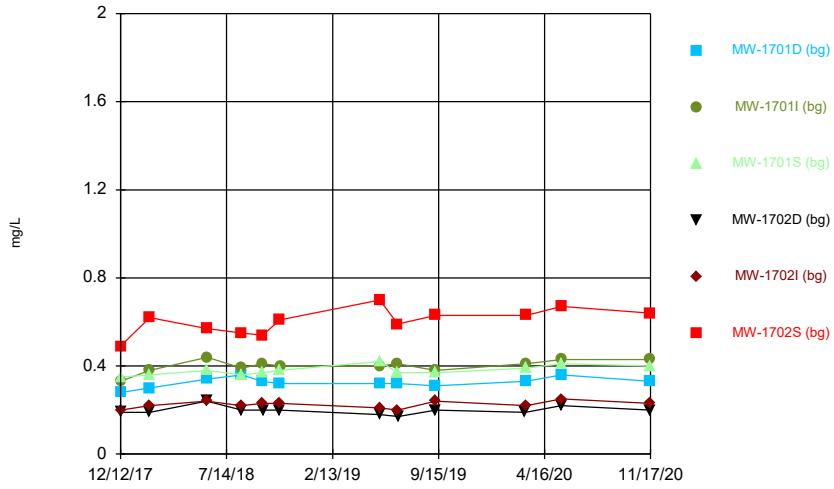
Time Series



Constituent: Fluoride, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

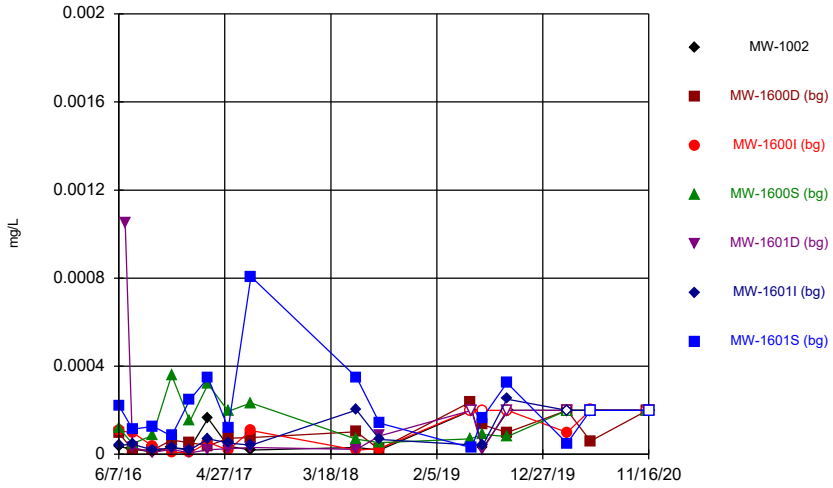
Time Series



Constituent: Fluoride, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

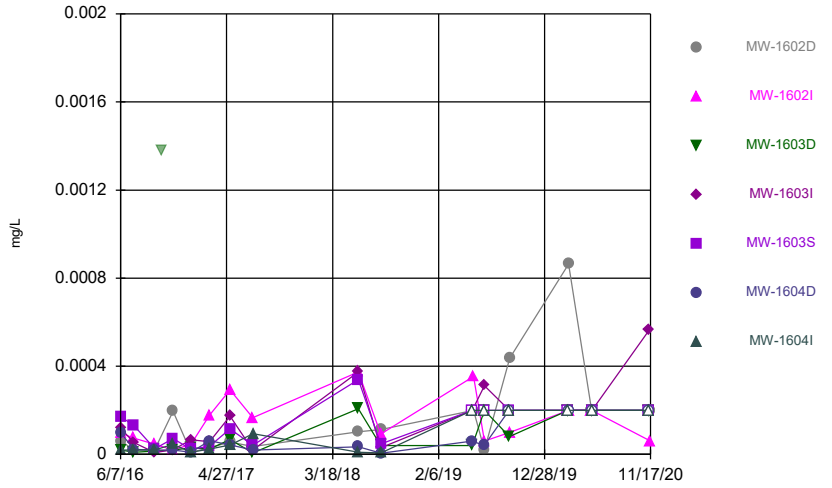
Time Series



Constituent: Lead, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

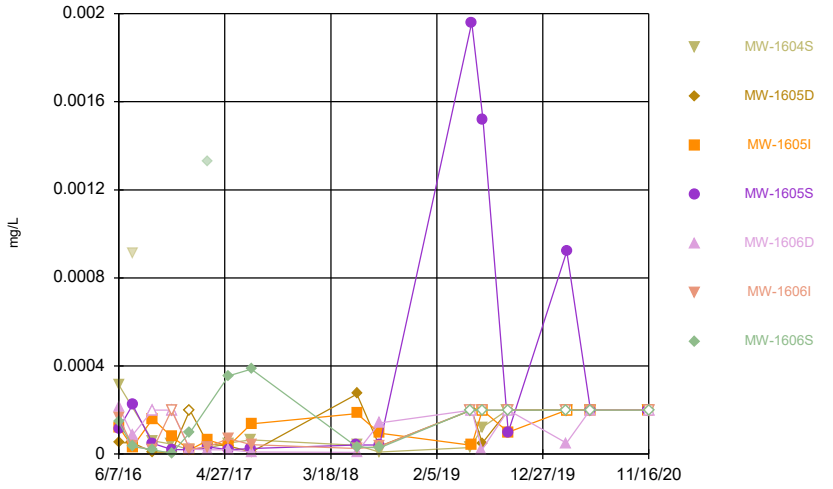
Time Series



Constituent: Lead, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

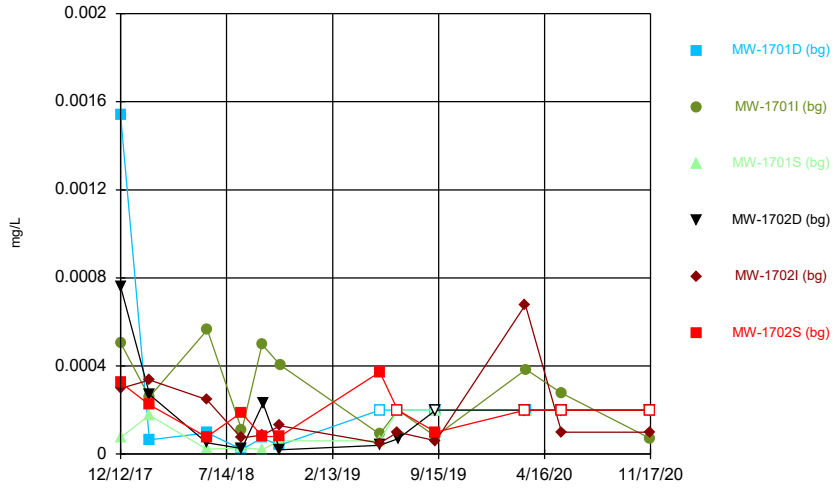
Time Series



Constituent: Lead, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

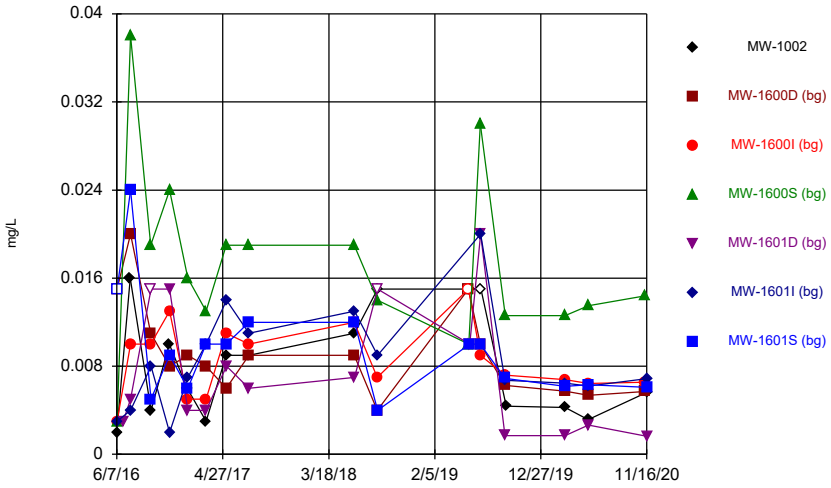
Time Series



Constituent: Lead, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

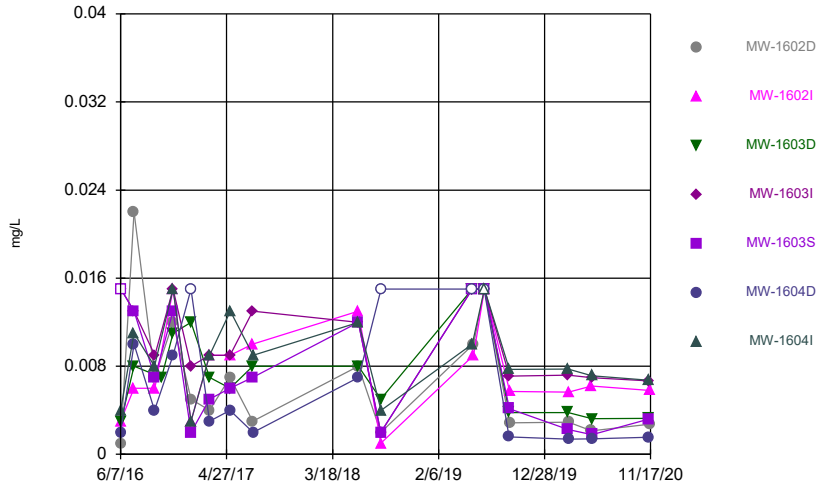
Time Series



Constituent: Lithium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

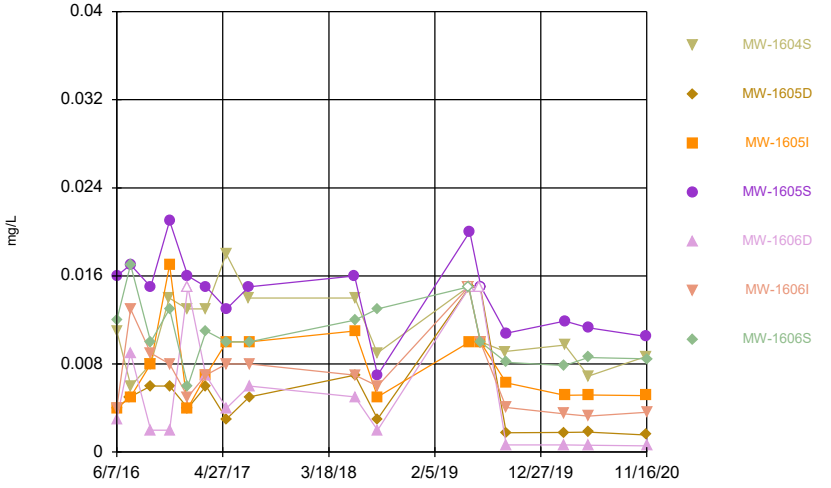
Time Series



Constituent: Lithium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

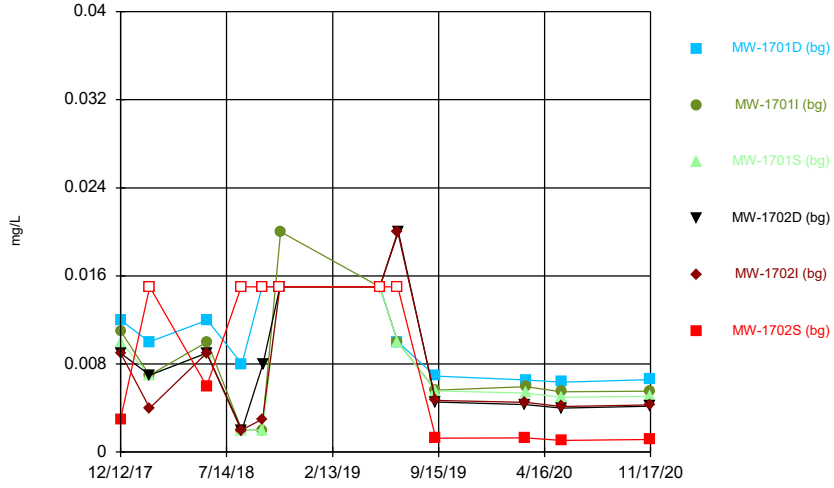
Time Series



Constituent: Lithium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

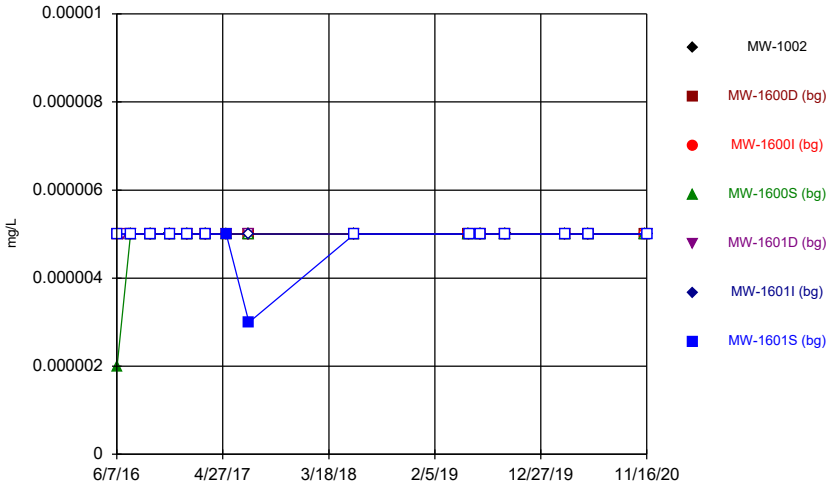
Time Series



Constituent: Lithium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

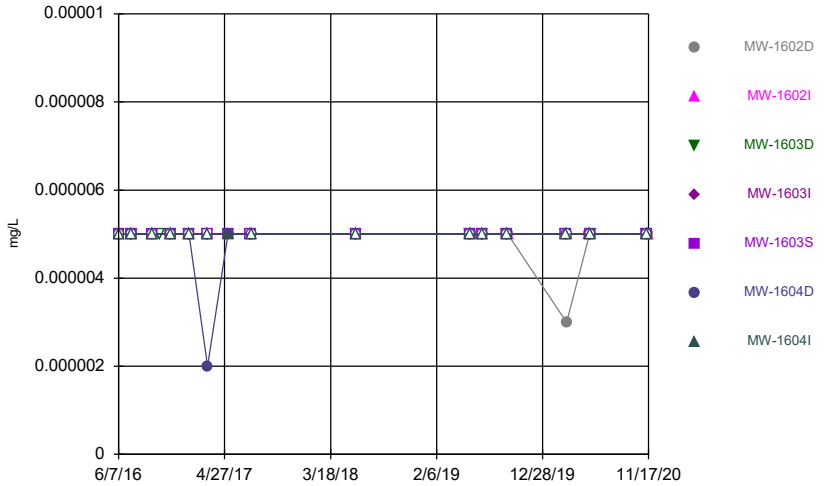
Time Series



Constituent: Mercury, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

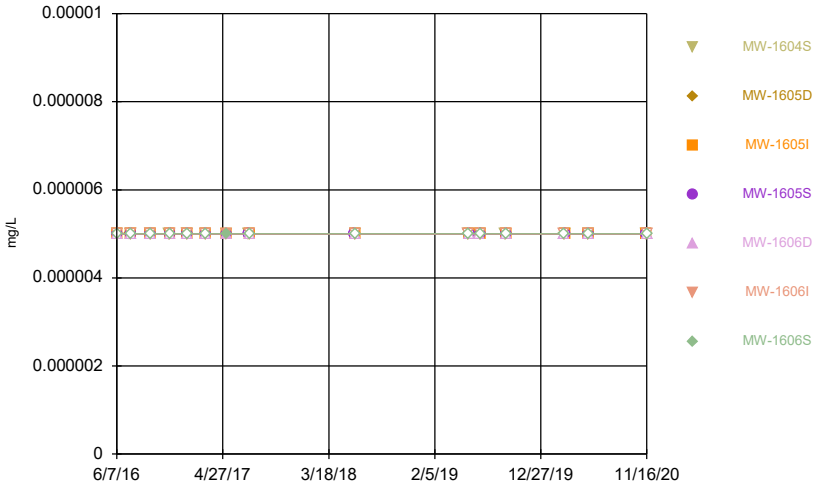
Time Series



Constituent: Mercury, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

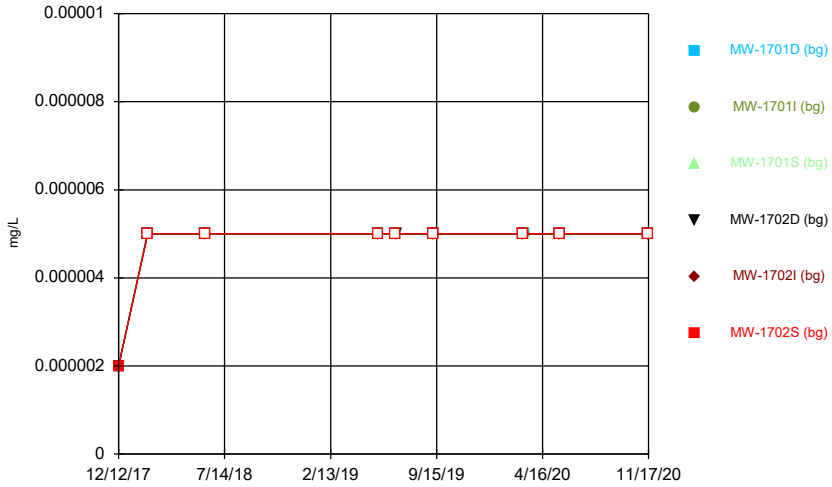
Time Series



Constituent: Mercury, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

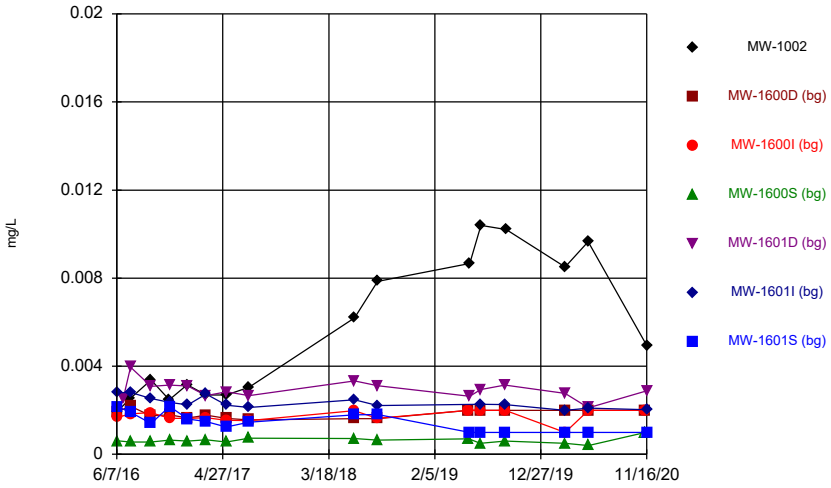
Time Series



Constituent: Mercury, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

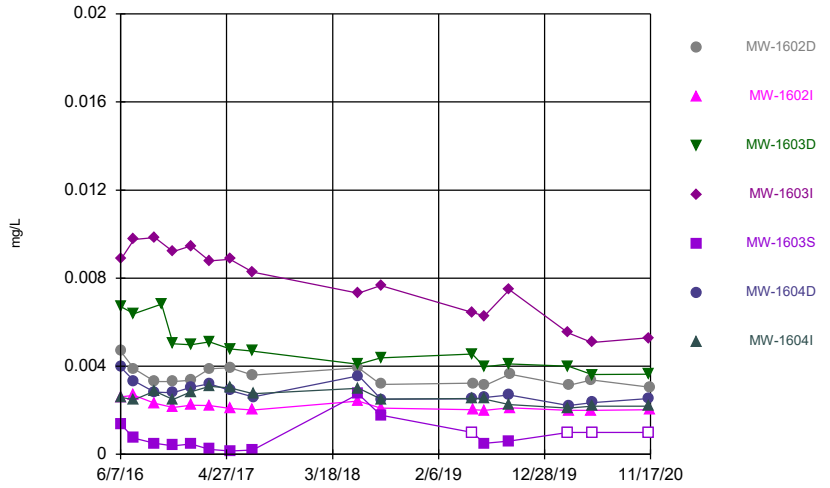
Time Series



Constituent: Molybdenum, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

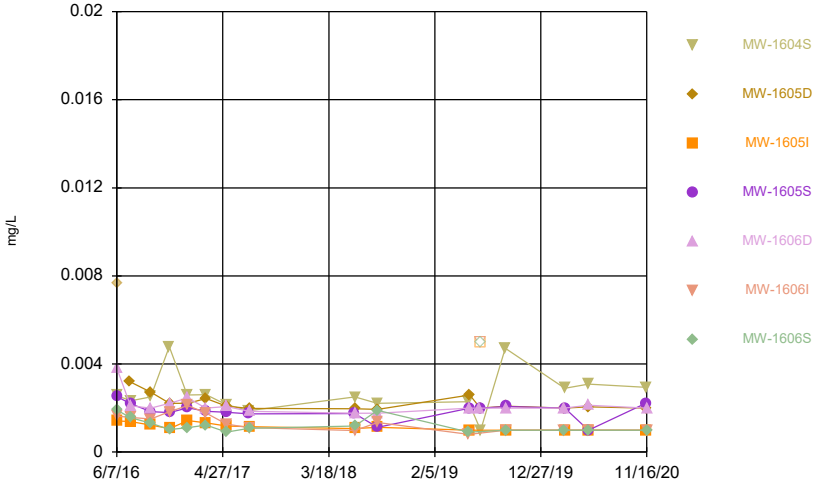
Time Series



Constituent: Molybdenum, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

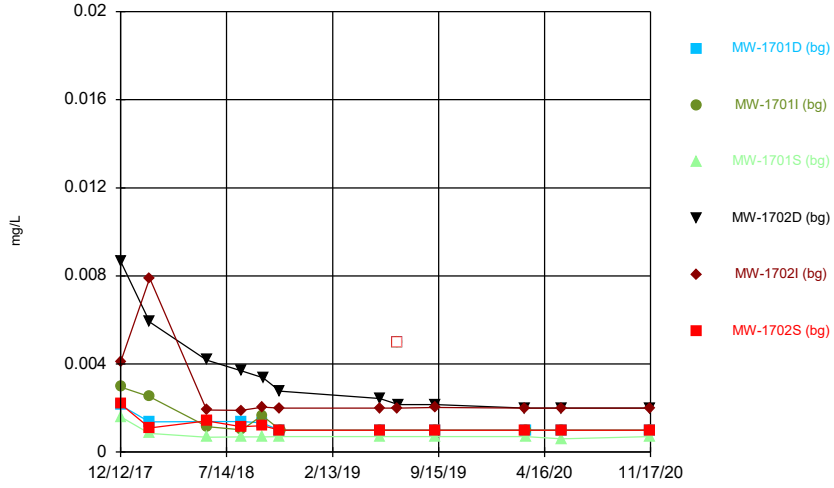
Time Series



Constituent: Molybdenum, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

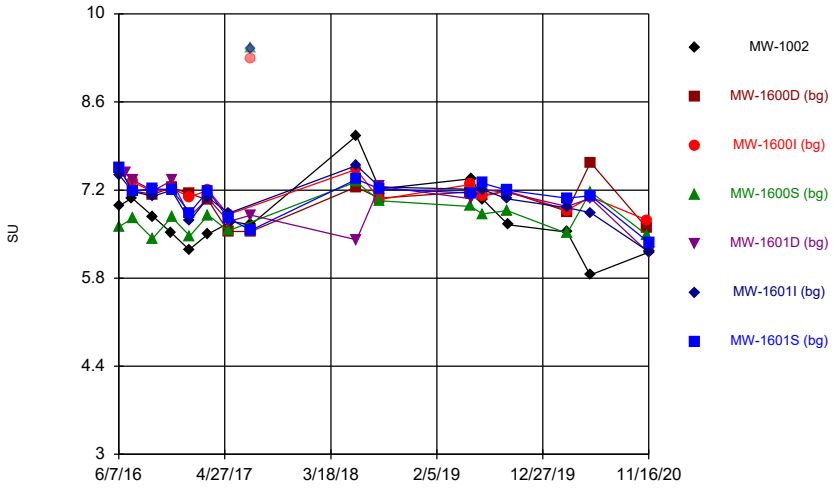
Time Series



Constituent: Molybdenum, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

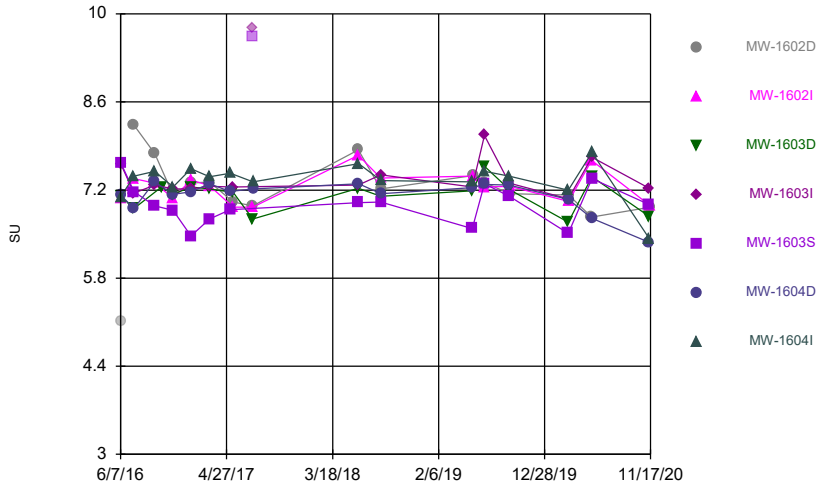
Time Series



Constituent: pH, field Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

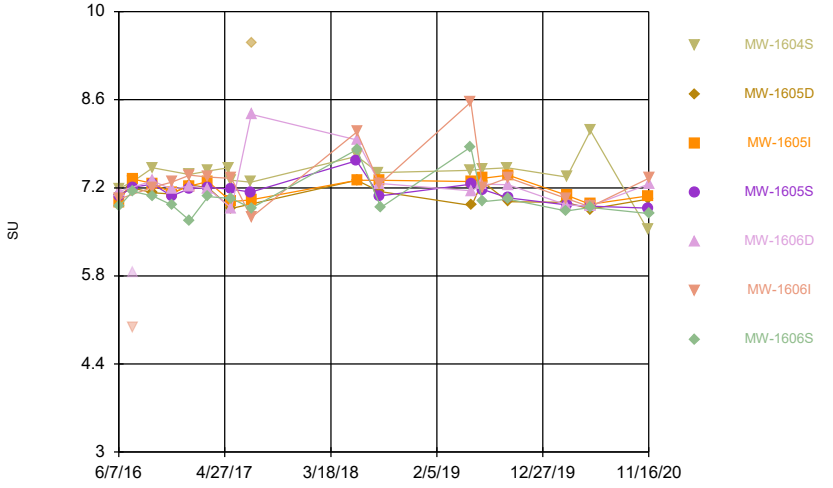
Time Series



Constituent: pH, field Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

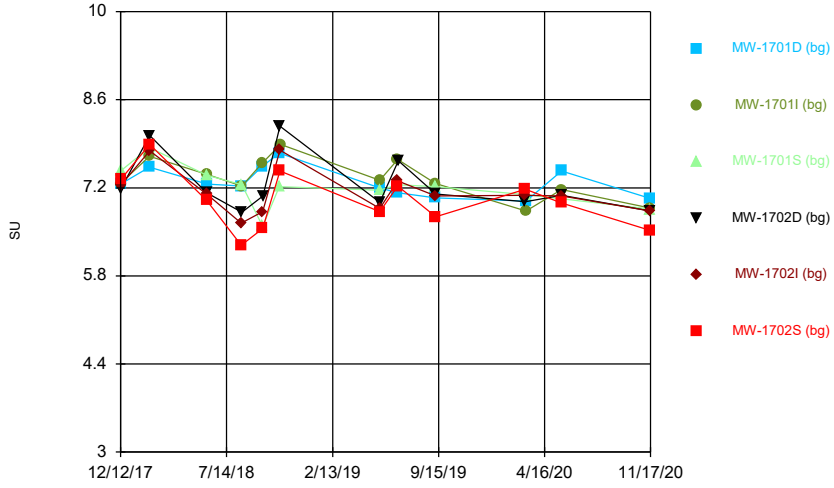
Time Series



Constituent: pH, field Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

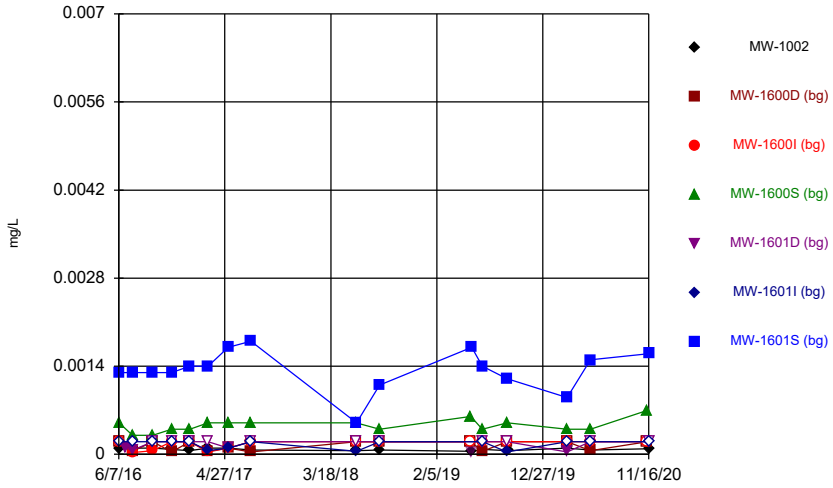
Time Series



Constituent: pH, field Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

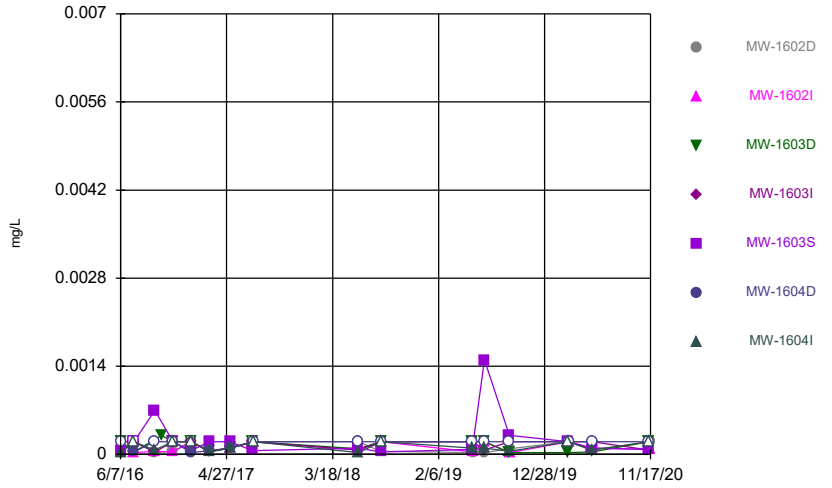
Time Series



Constituent: Selenium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

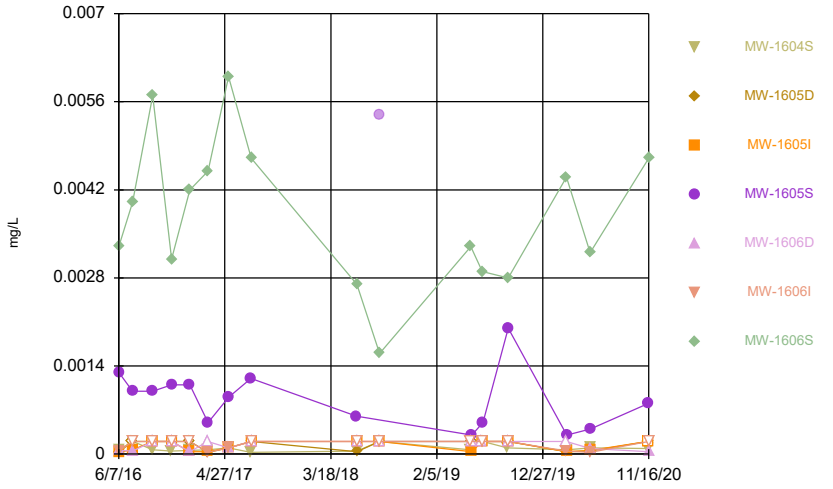
Time Series



Constituent: Selenium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

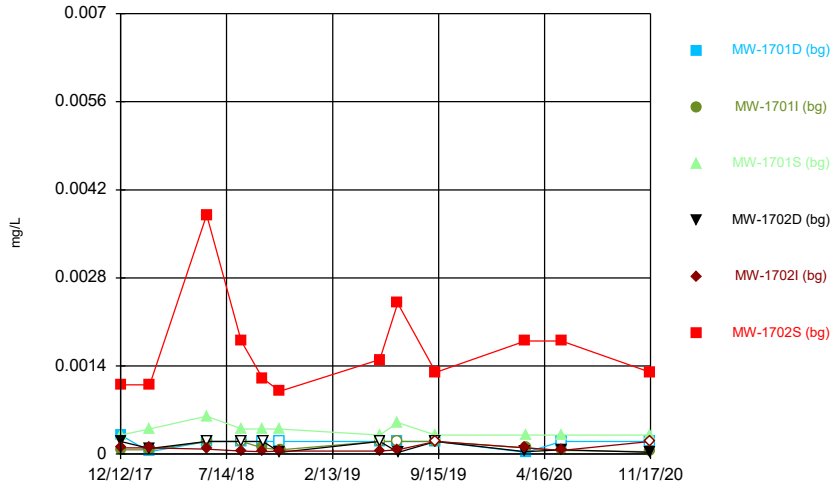
Time Series



Constituent: Selenium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

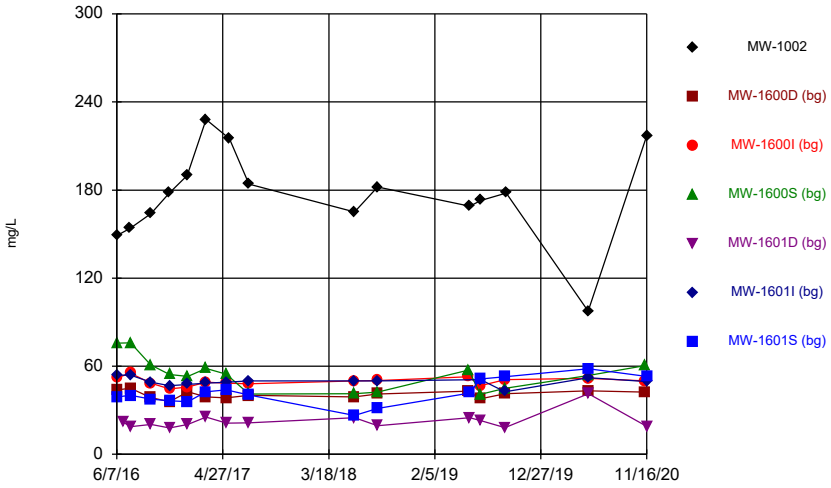
Time Series



Constituent: Selenium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

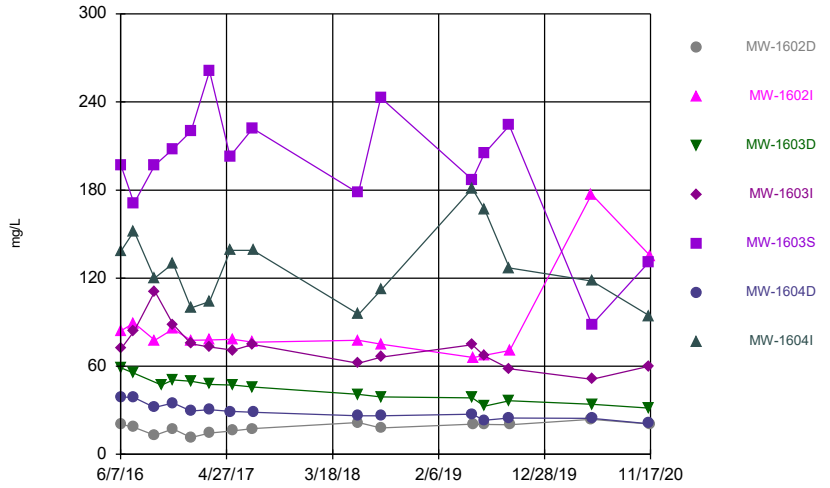
Time Series



Constituent: Sulfate, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

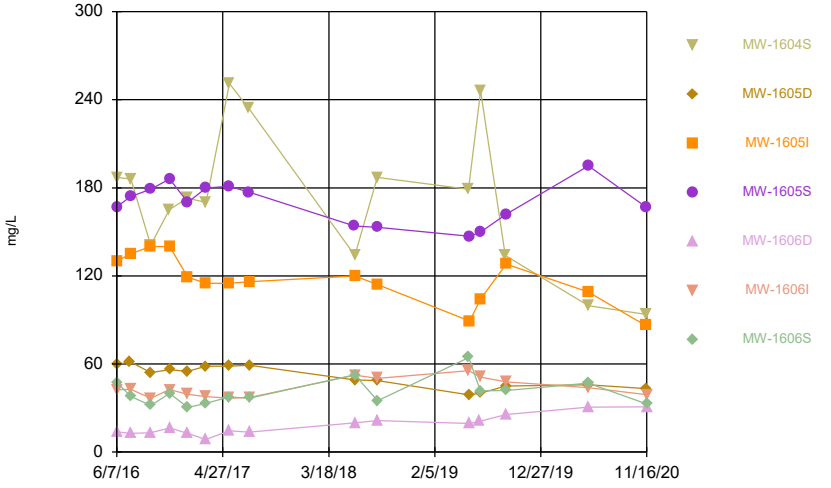
Time Series



Constituent: Sulfate, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

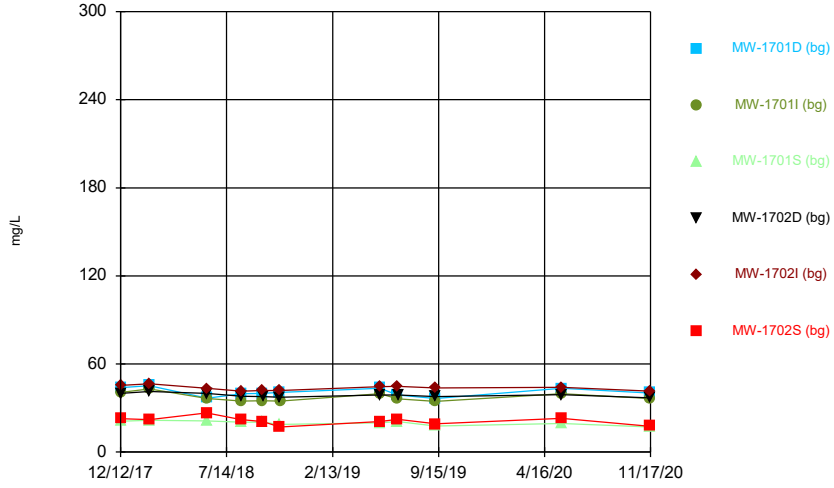
Time Series



Constituent: Sulfate, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

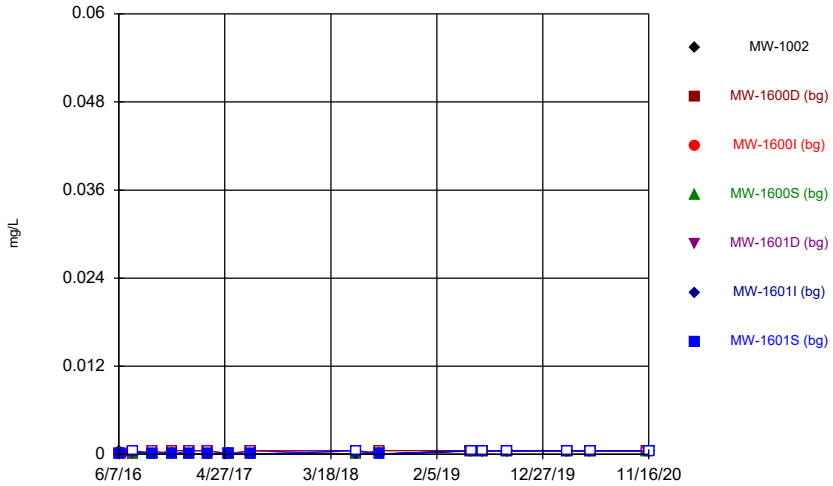
Time Series



Constituent: Sulfate, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

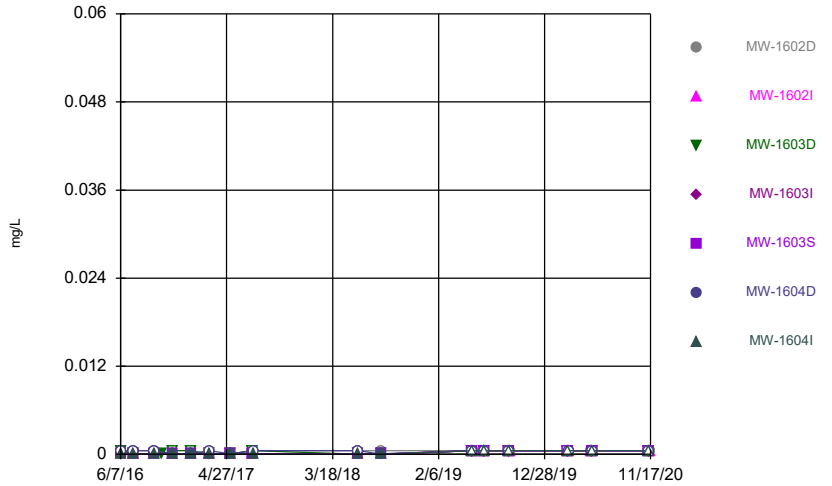
Time Series



Constituent: Thallium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

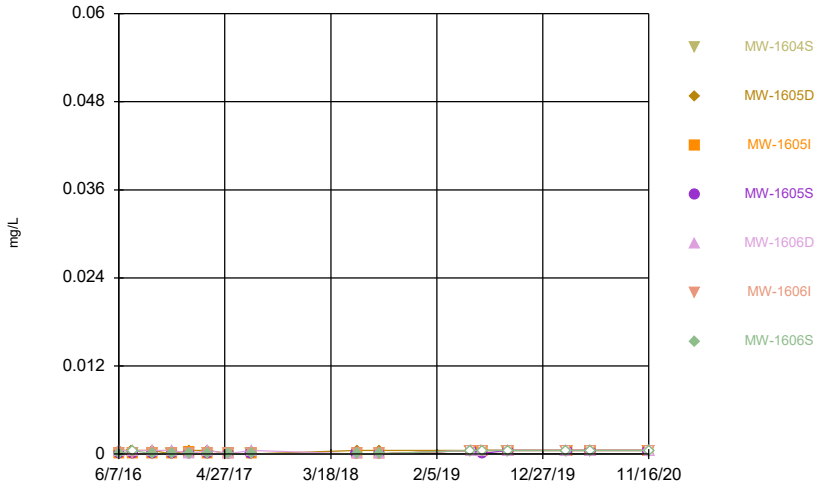
Time Series



Constituent: Thallium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

Time Series



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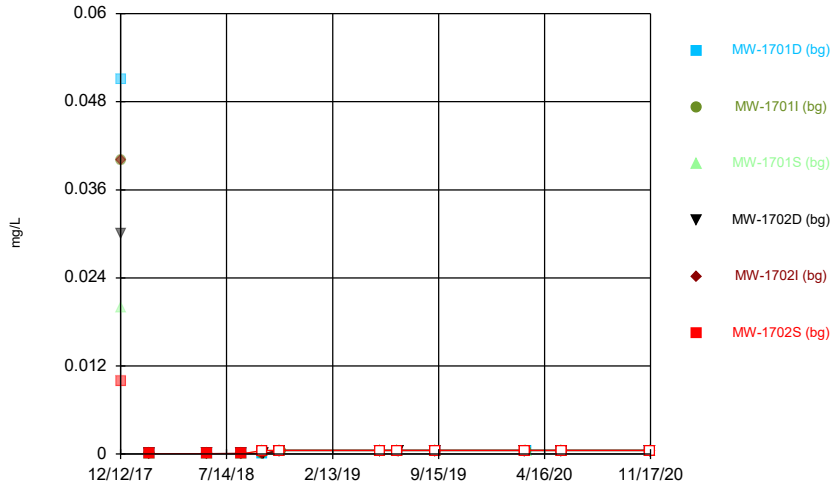
Sanitas™ v.9.6.27 . UG
Hollow symbols indicate censored values.

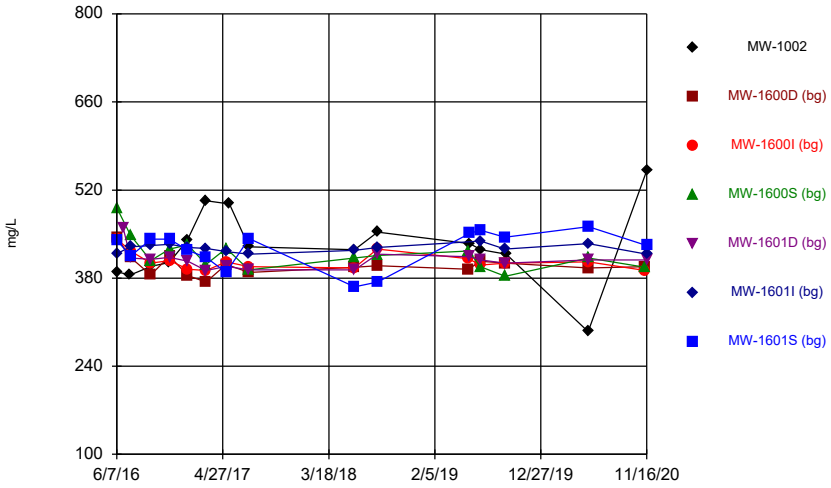
Time Series



Constituent: Thallium, total Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

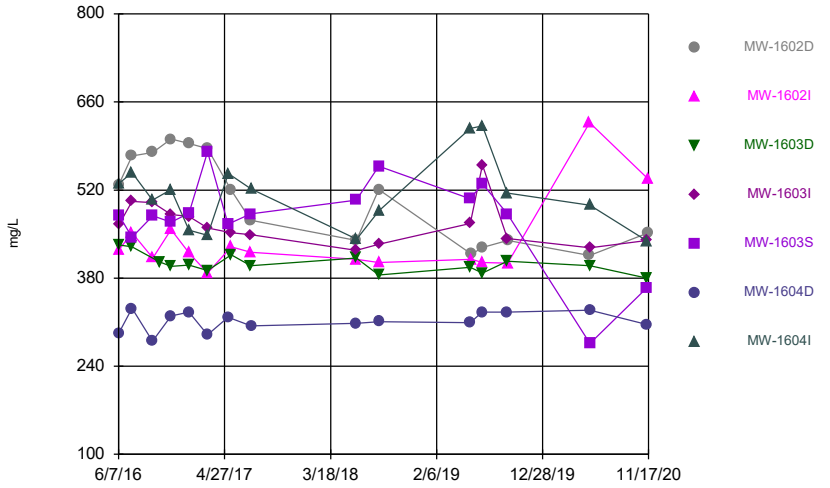
Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

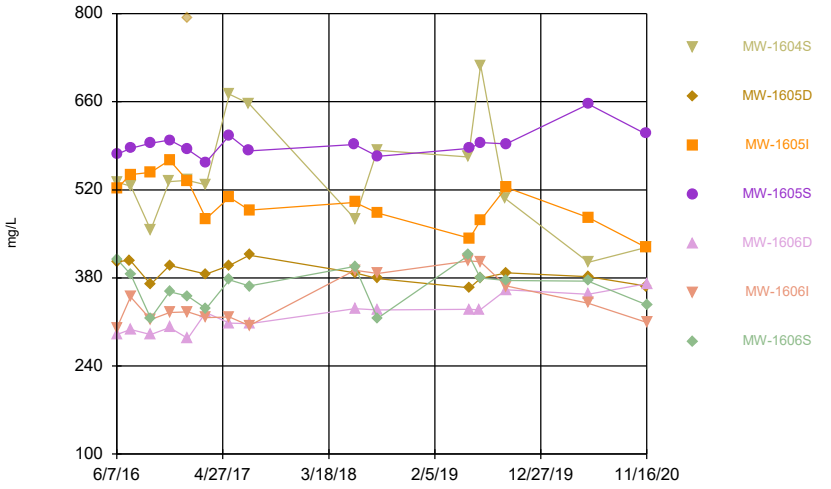
Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

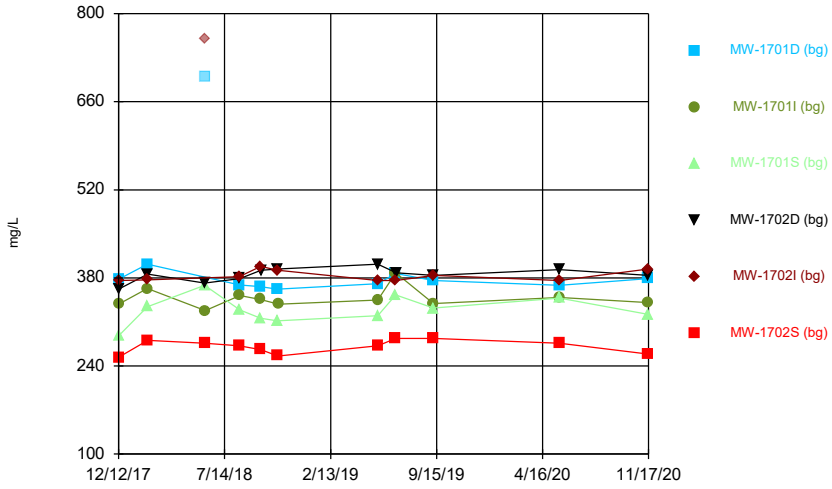
Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

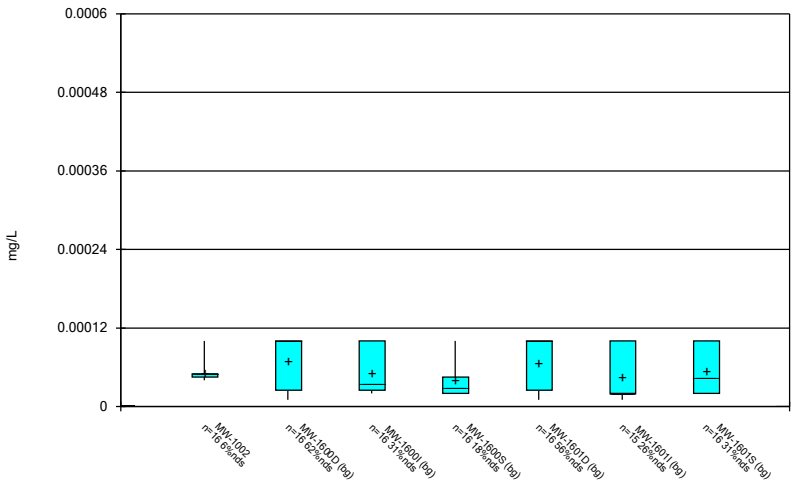
Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 1/29/2021 7:18 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

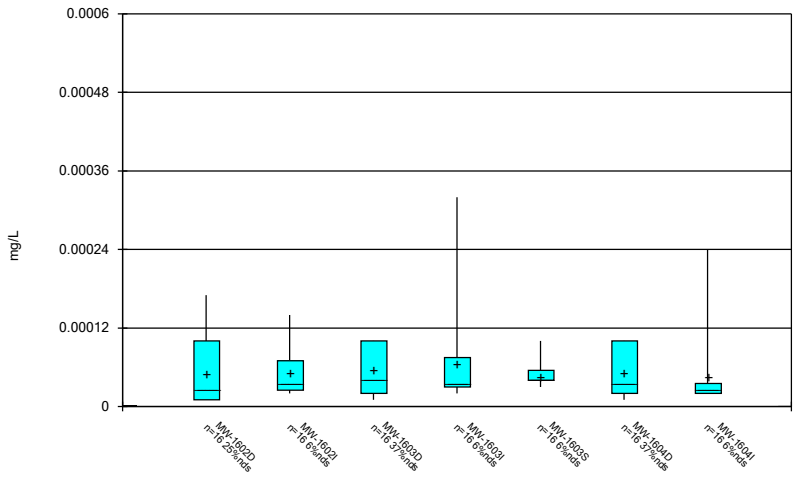
Box & Whiskers Plot



Constituent: Antimony, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

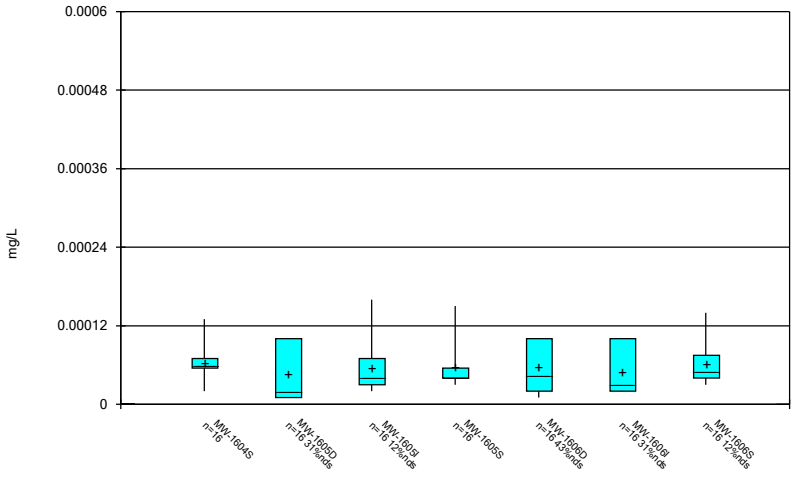
Box & Whiskers Plot



Constituent: Antimony, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

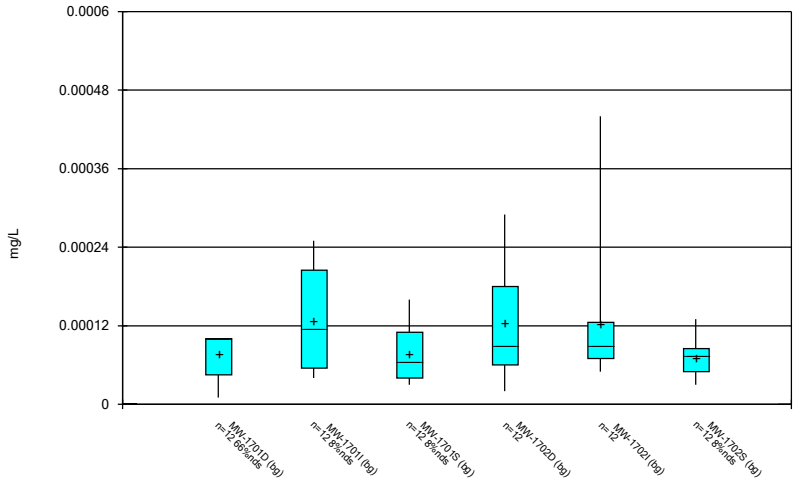
Box & Whiskers Plot



Constituent: Antimony, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

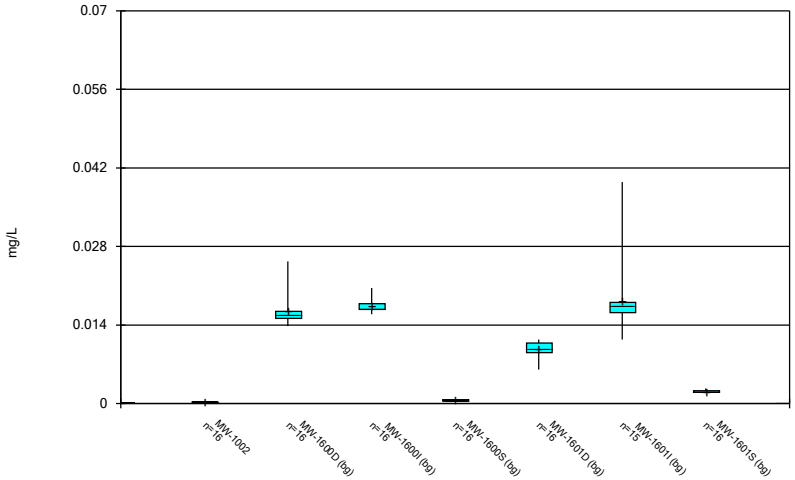
Box & Whiskers Plot



Constituent: Antimony, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

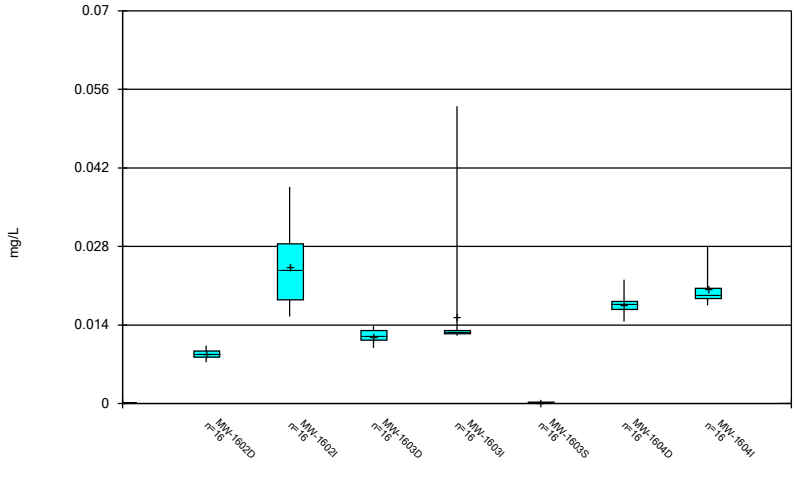
Box & Whiskers Plot



Constituent: Arsenic, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

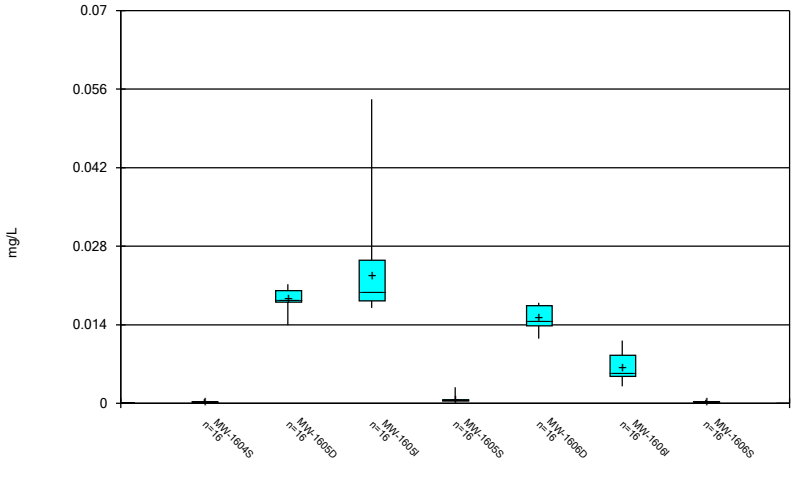
Box & Whiskers Plot



Constituent: Arsenic, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

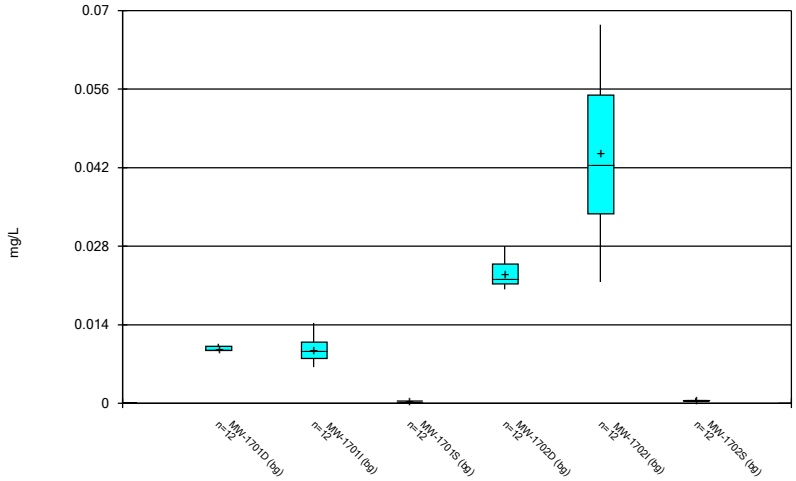
Box & Whiskers Plot



Constituent: Arsenic, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

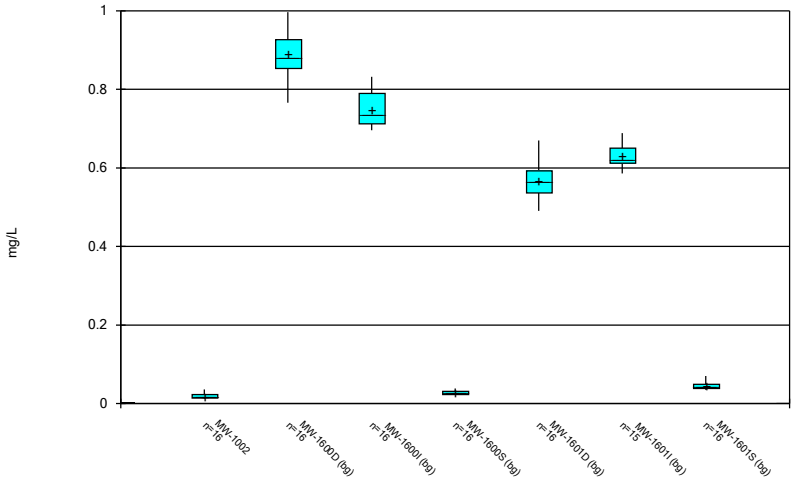
Box & Whiskers Plot



Constituent: Arsenic, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

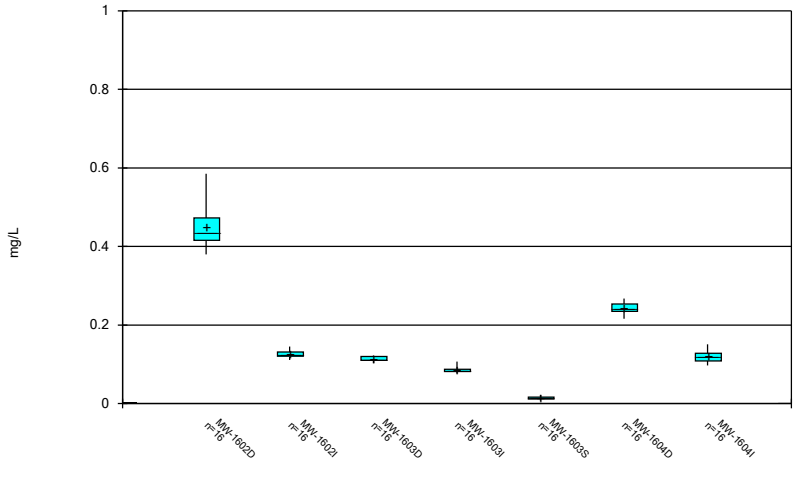
Box & Whiskers Plot



Constituent: Barium, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

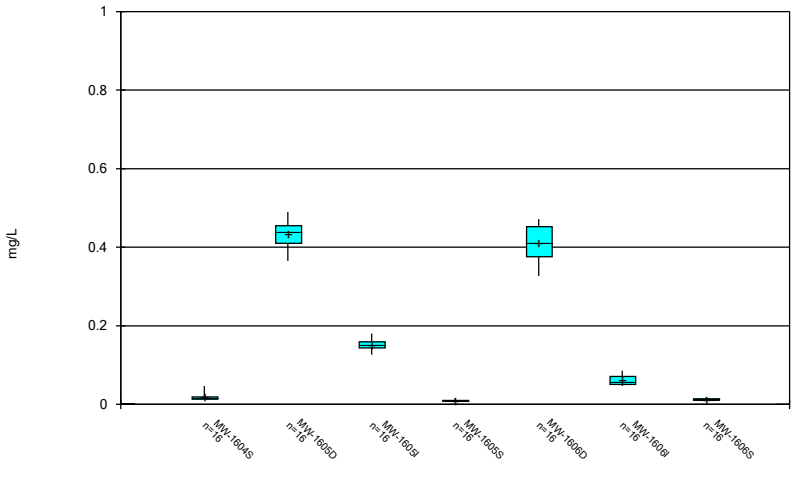
Box & Whiskers Plot



Constituent: Barium, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

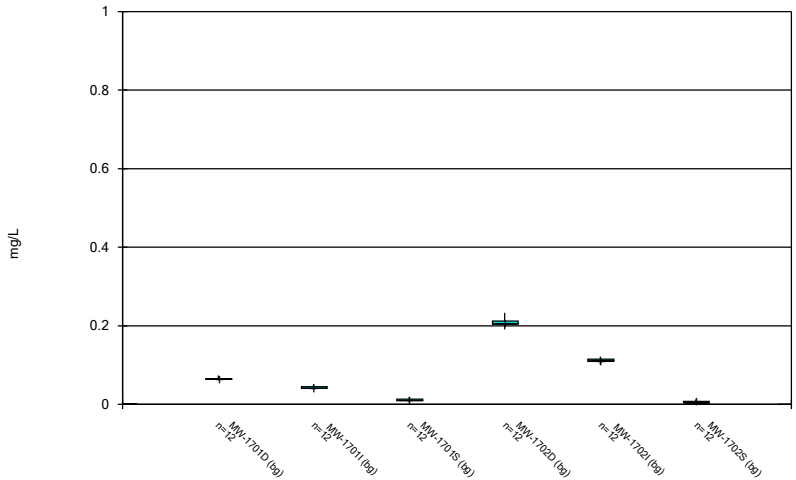
Box & Whiskers Plot



Constituent: Barium, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

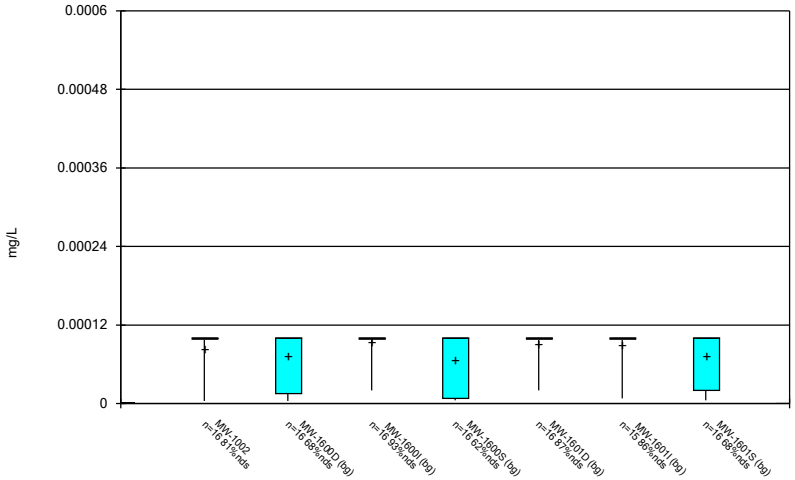
Box & Whiskers Plot



Constituent: Barium, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

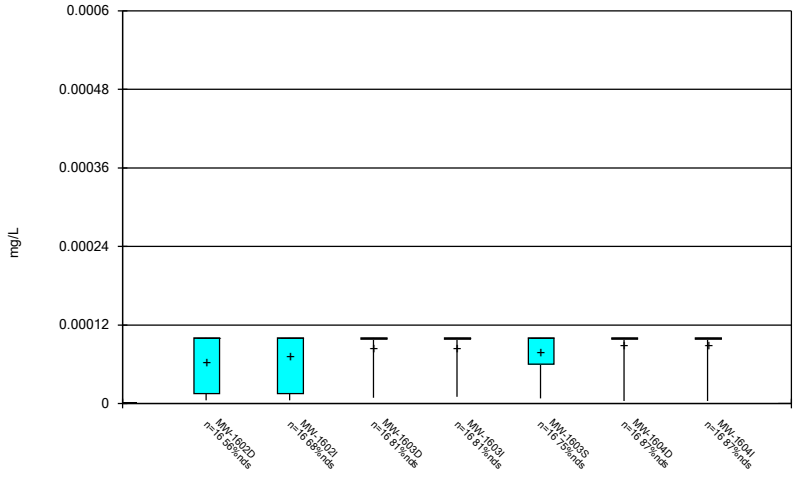
Box & Whiskers Plot



Constituent: Beryllium, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

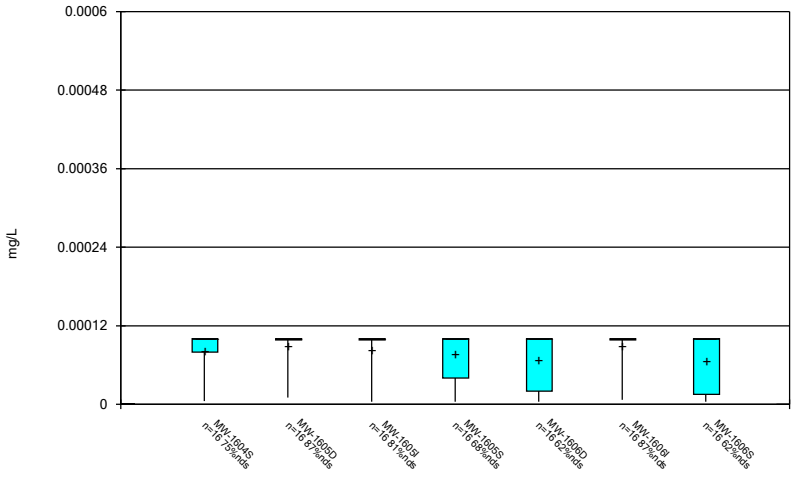
Box & Whiskers Plot



Constituent: Beryllium, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

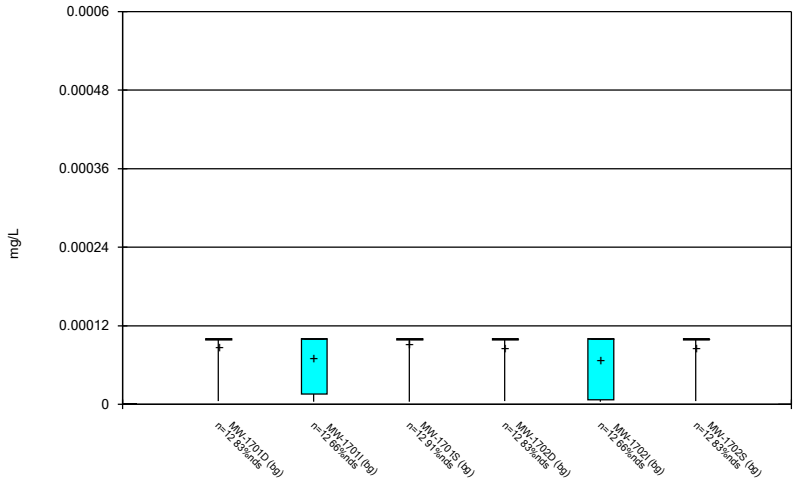
Box & Whiskers Plot



Constituent: Beryllium, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

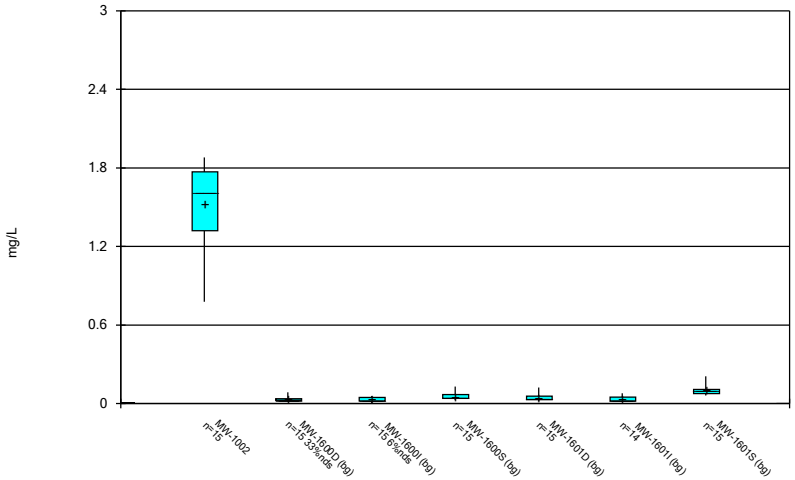
Box & Whiskers Plot



Constituent: Beryllium, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

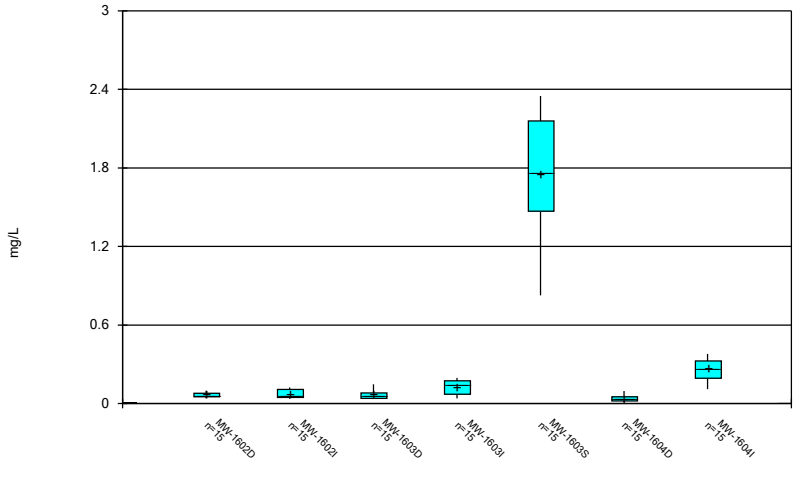
Box & Whiskers Plot



Constituent: Boron, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

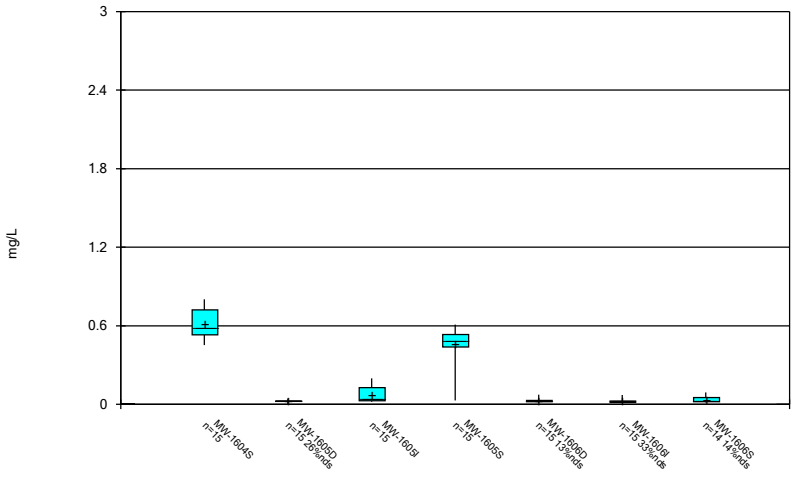
Box & Whiskers Plot



Constituent: Boron, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

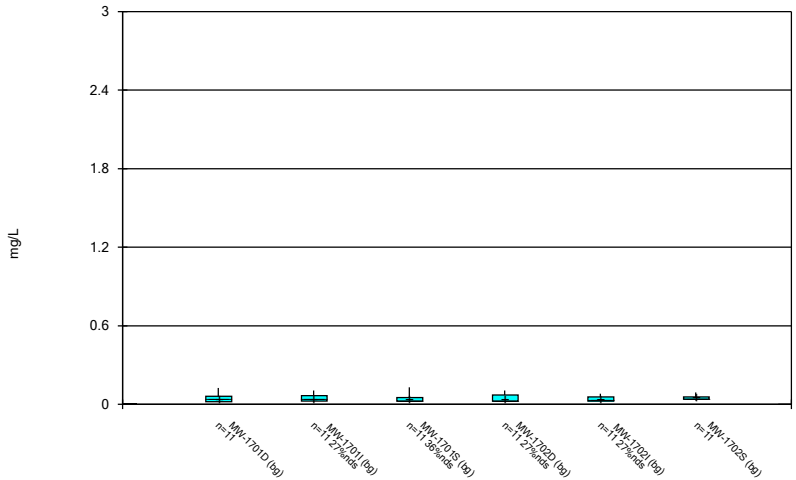
Box & Whiskers Plot



Constituent: Boron, total Analysis Run 1/29/2021 7:23 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

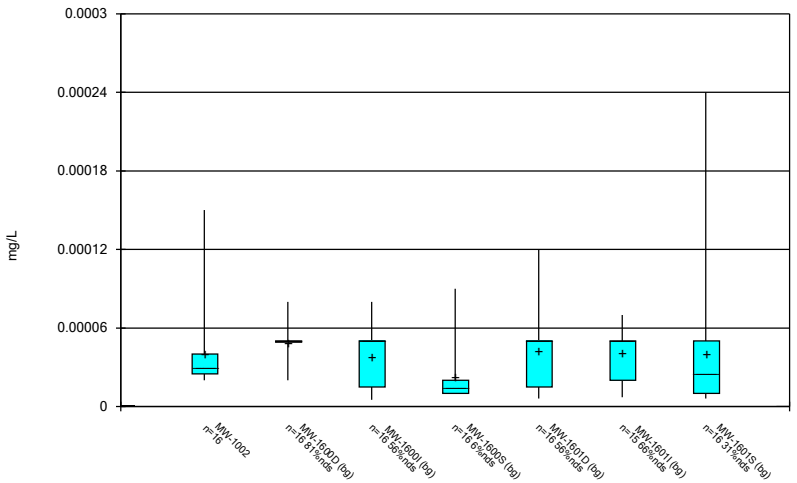
Box & Whiskers Plot



Constituent: Boron, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

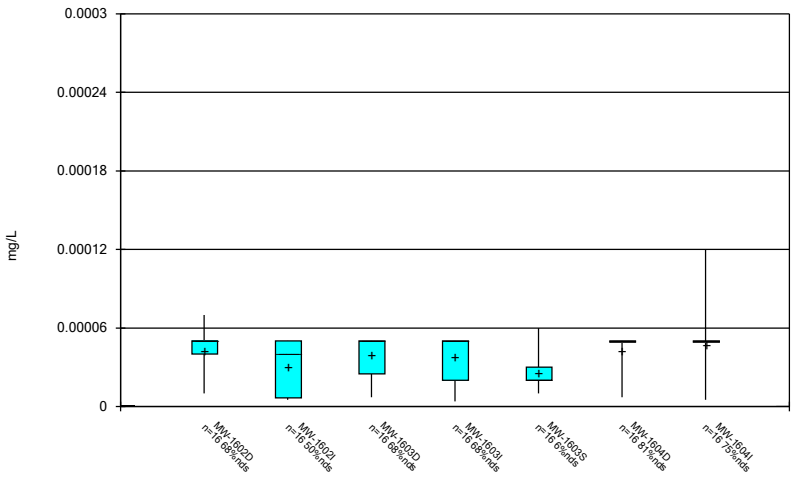
Box & Whiskers Plot



Constituent: Cadmium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

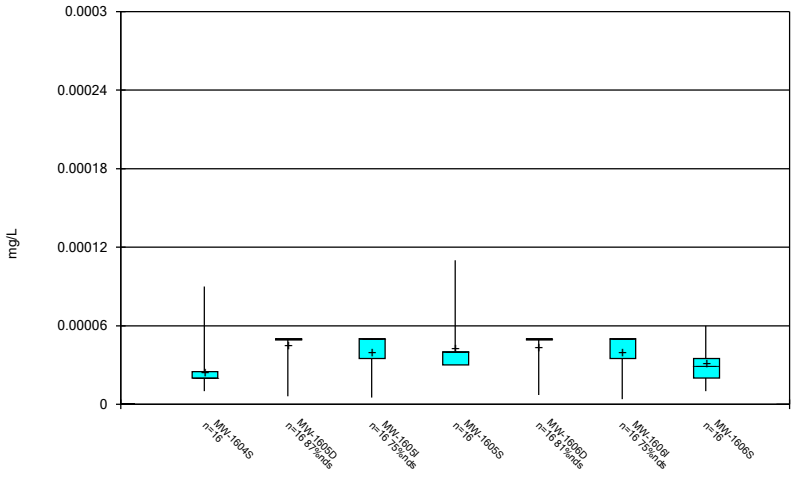
Box & Whiskers Plot



Constituent: Cadmium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

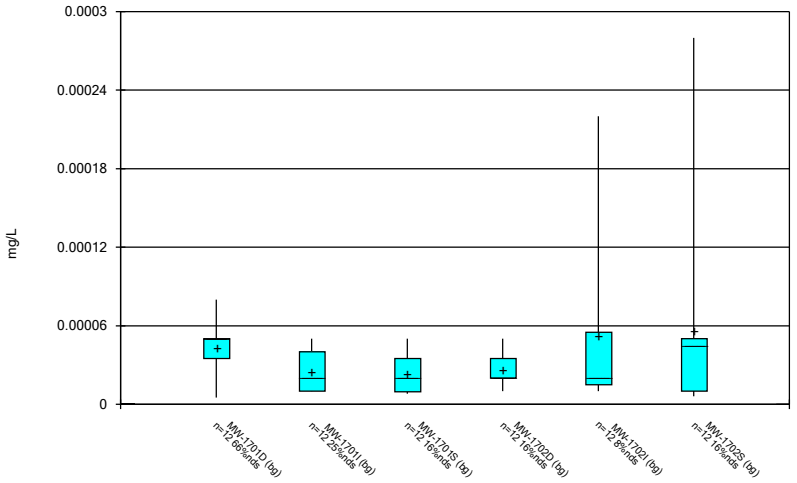
Box & Whiskers Plot



Constituent: Cadmium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

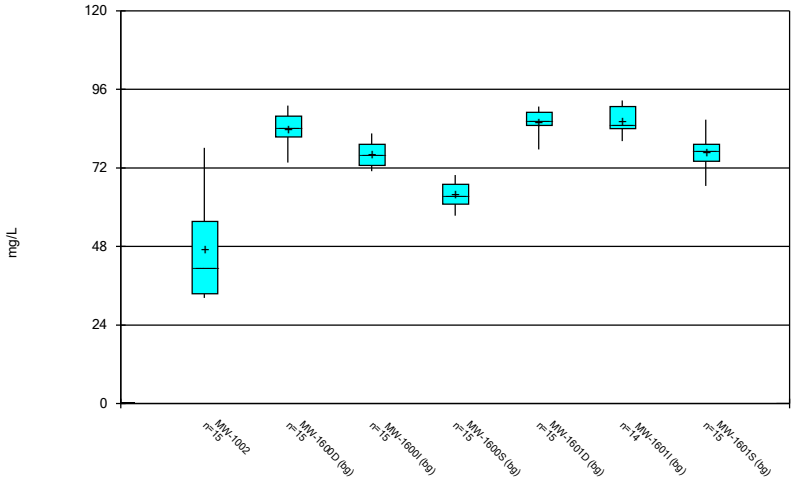
Box & Whiskers Plot



Constituent: Cadmium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

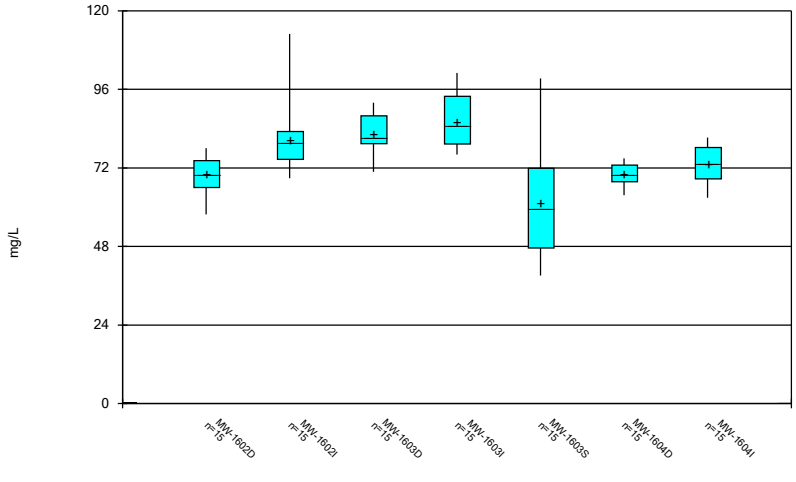
Box & Whiskers Plot



Constituent: Calcium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

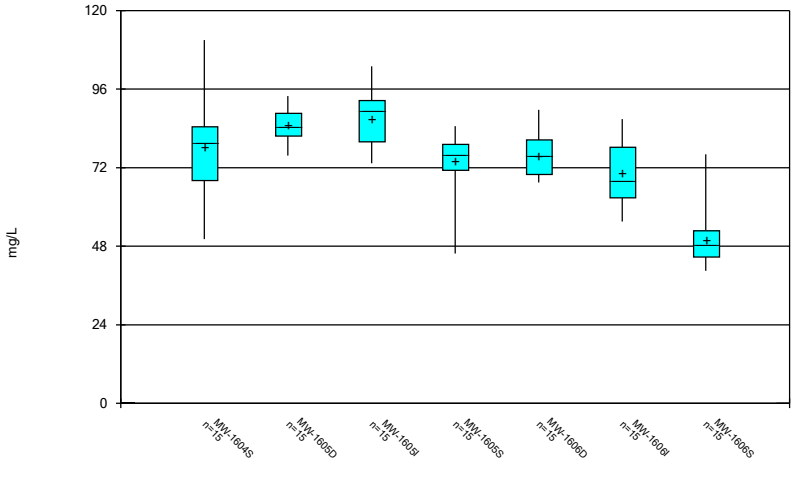
Box & Whiskers Plot



Constituent: Calcium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

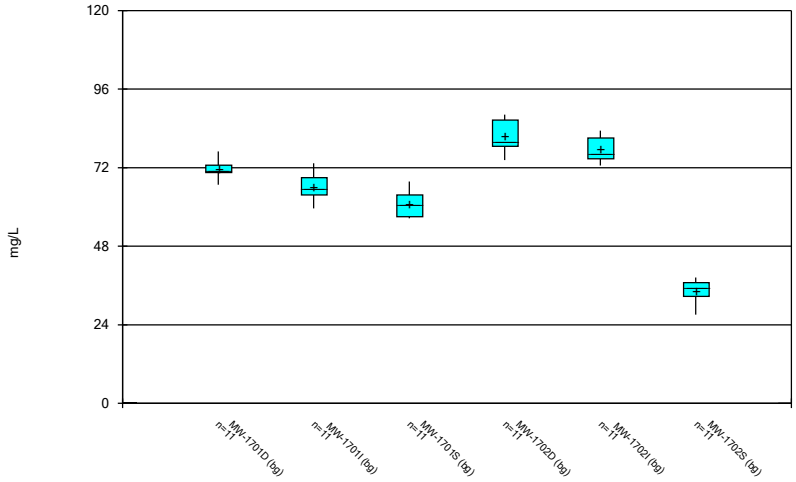
Box & Whiskers Plot



Constituent: Calcium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

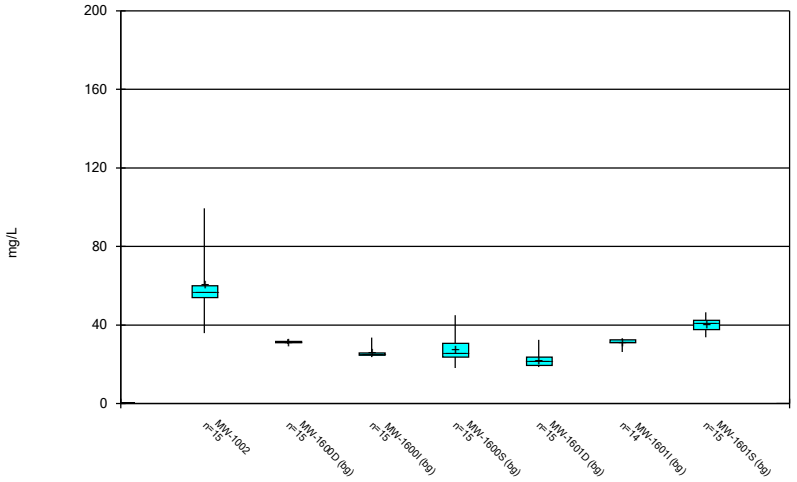
Box & Whiskers Plot



Constituent: Calcium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

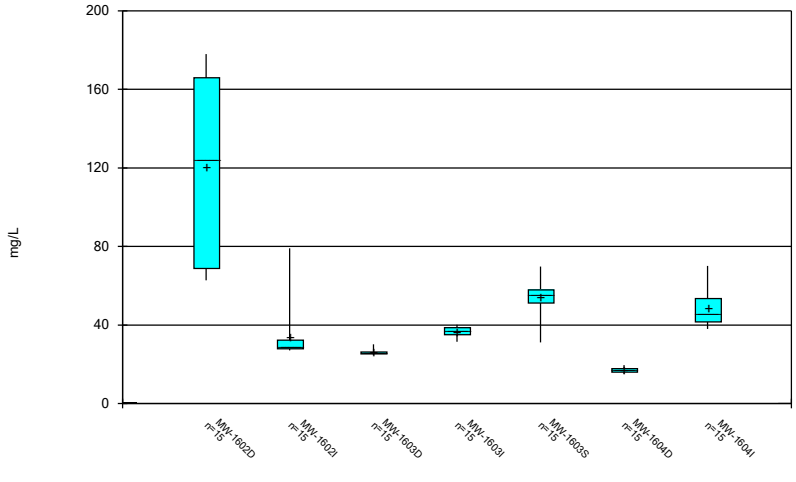
Box & Whiskers Plot



Constituent: Chloride, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

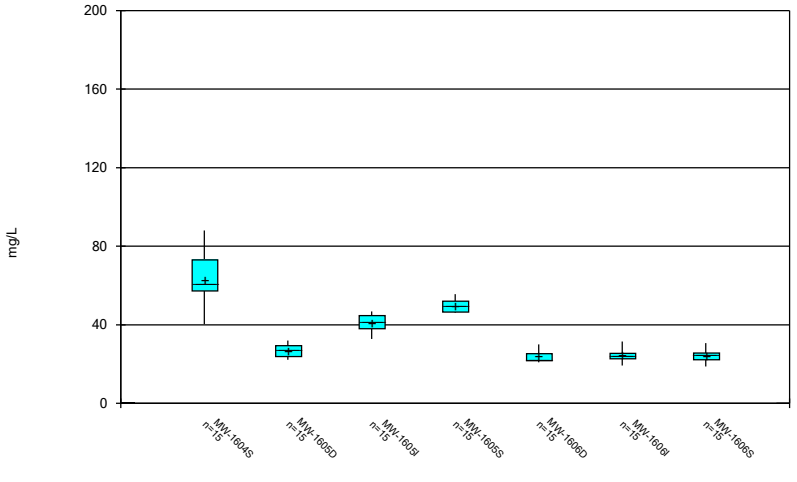
Box & Whiskers Plot



Constituent: Chloride, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

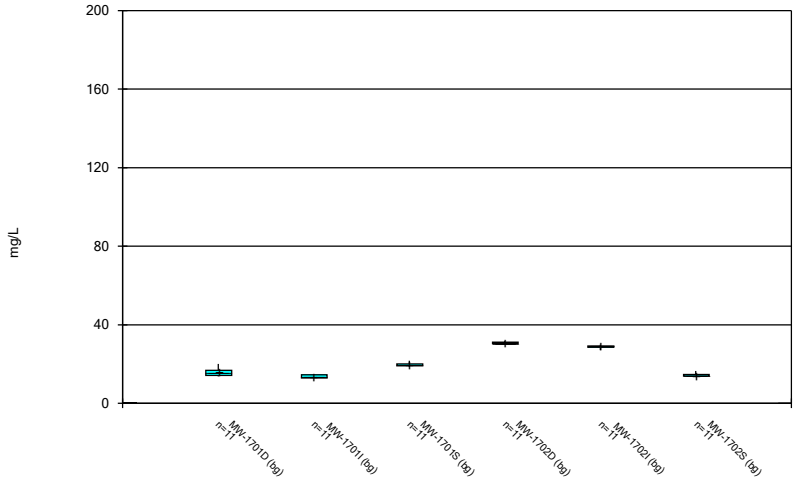
Box & Whiskers Plot



Constituent: Chloride, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

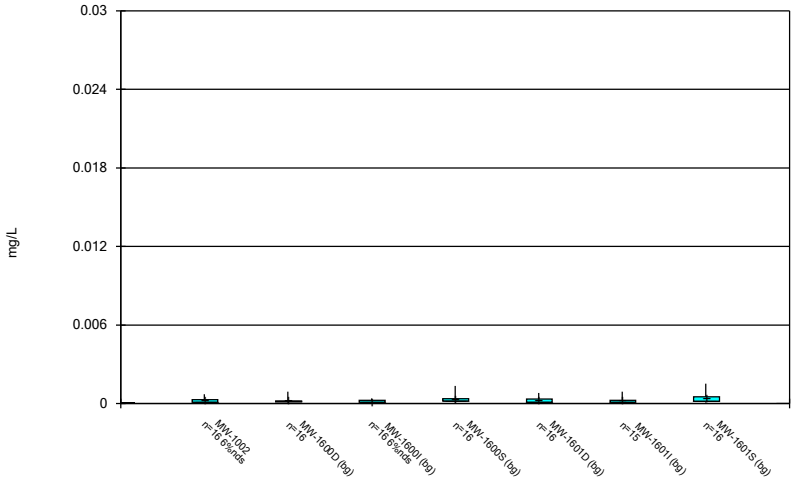
Box & Whiskers Plot



Constituent: Chloride, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

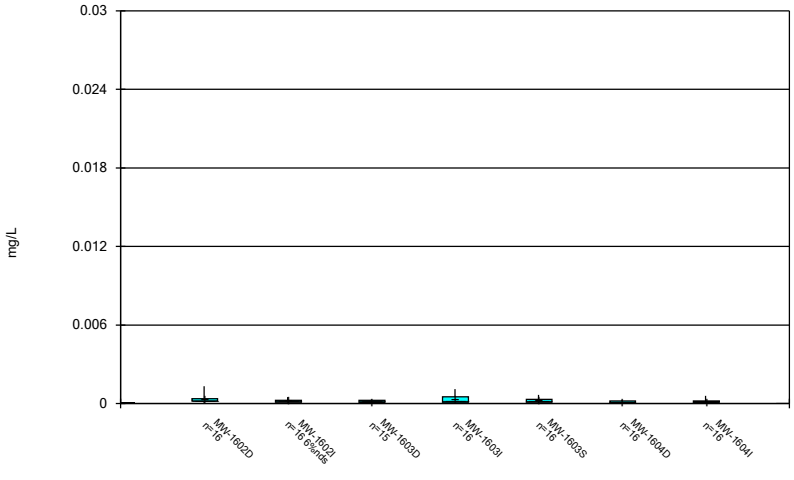
Box & Whiskers Plot



Constituent: Chromium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

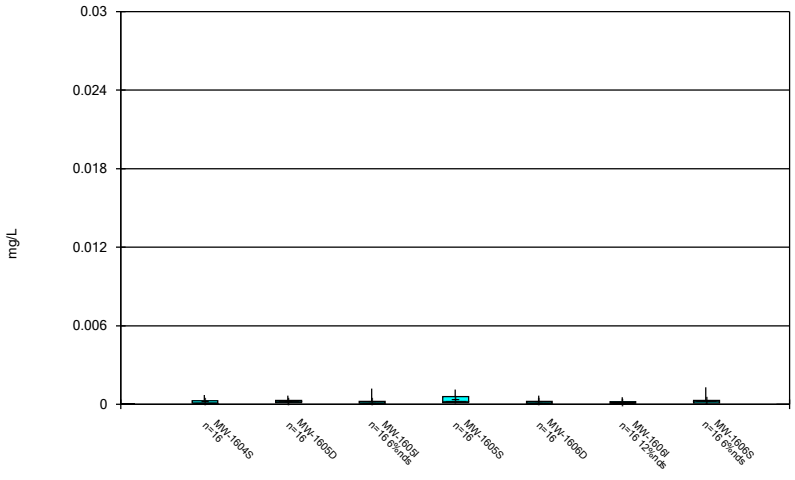
Box & Whiskers Plot



Constituent: Chromium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

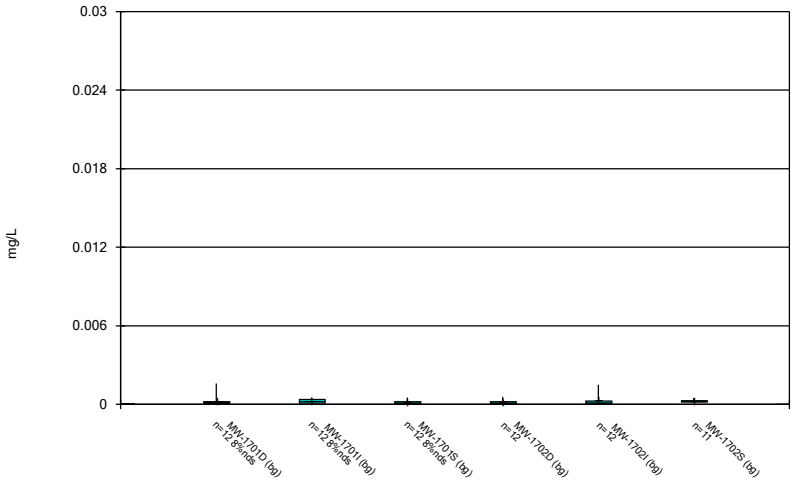
Box & Whiskers Plot



Constituent: Chromium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

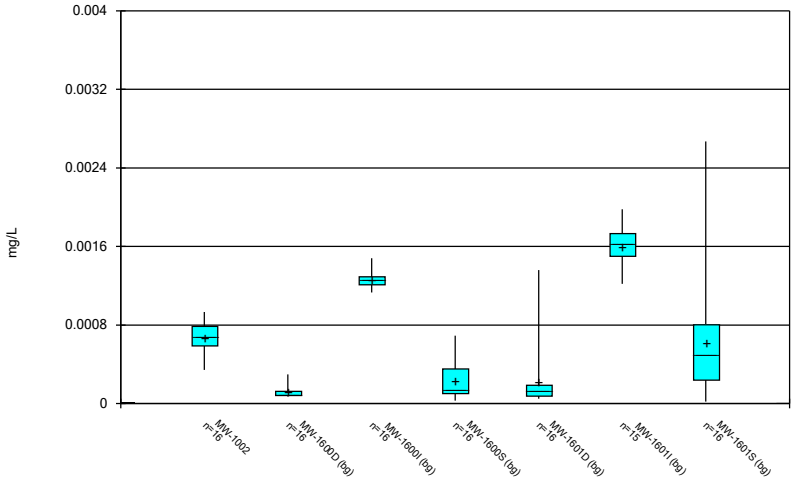
Sanitas™ v.9.6.27 . UG

Box & Whiskers Plot



Constituent: Chromium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

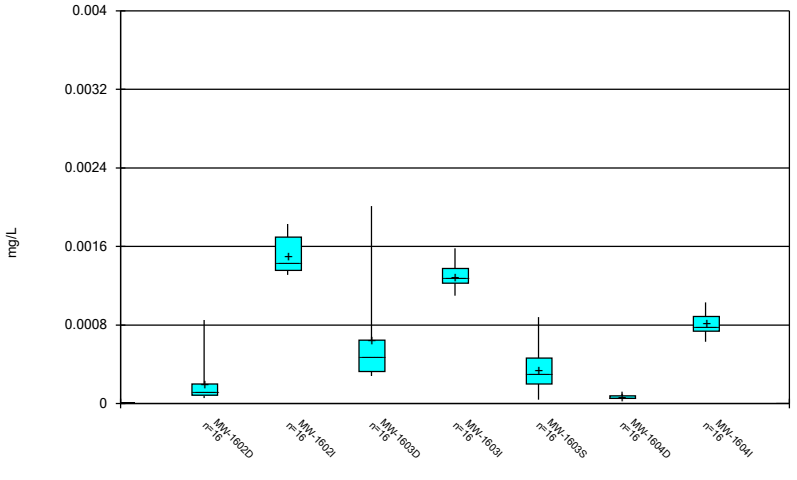
Box & Whiskers Plot



Constituent: Cobalt, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

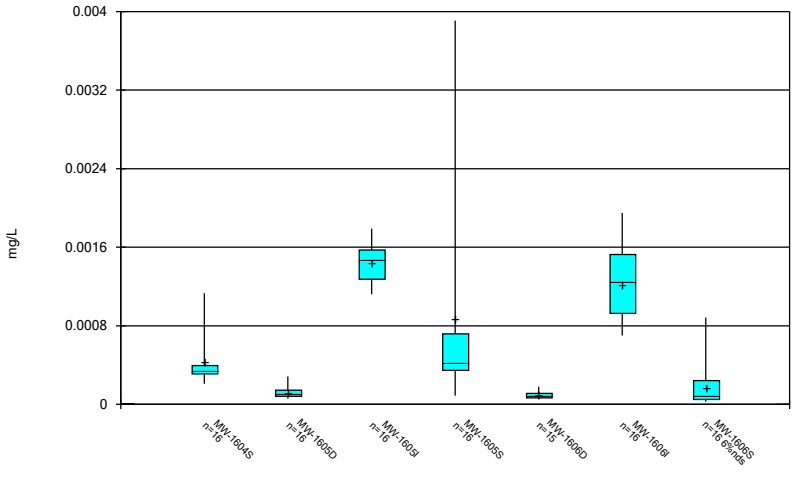
Box & Whiskers Plot



Constituent: Cobalt, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

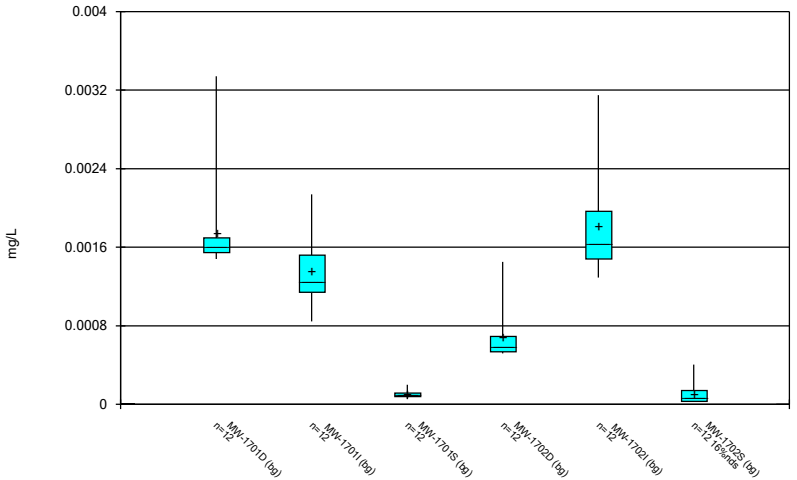
Box & Whiskers Plot



Constituent: Cobalt, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

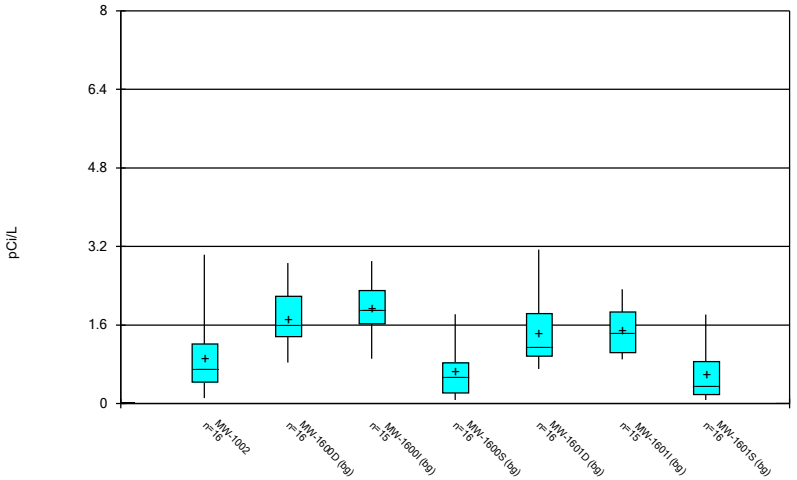
Box & Whiskers Plot



Constituent: Cobalt, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

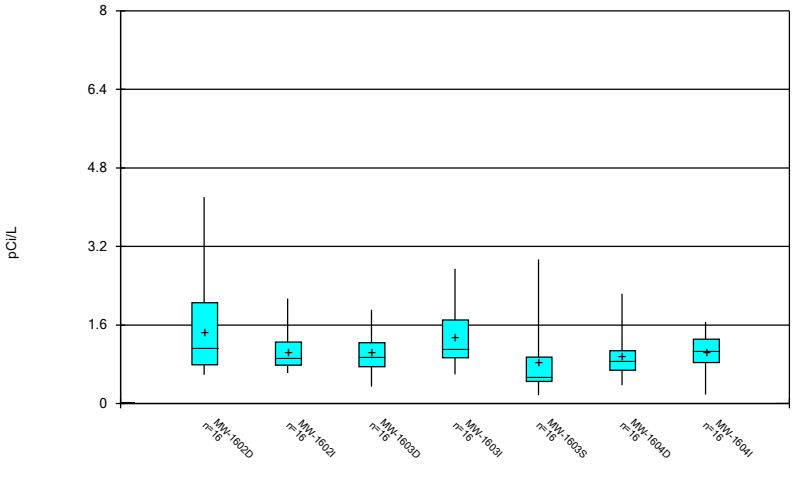
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

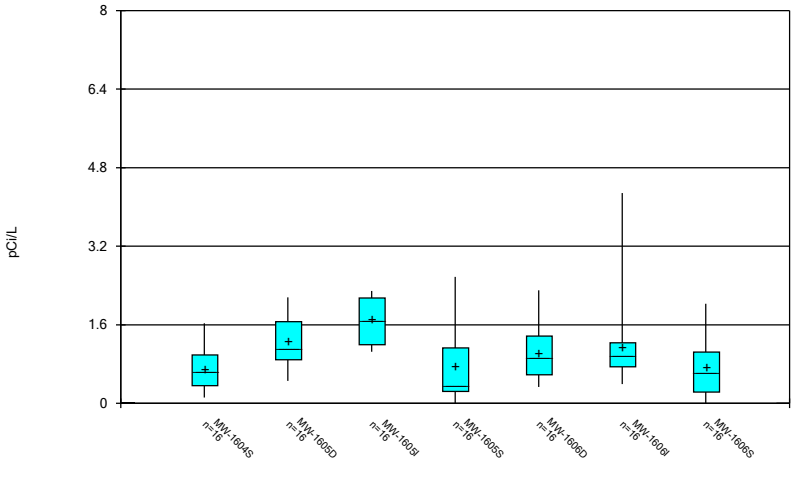
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

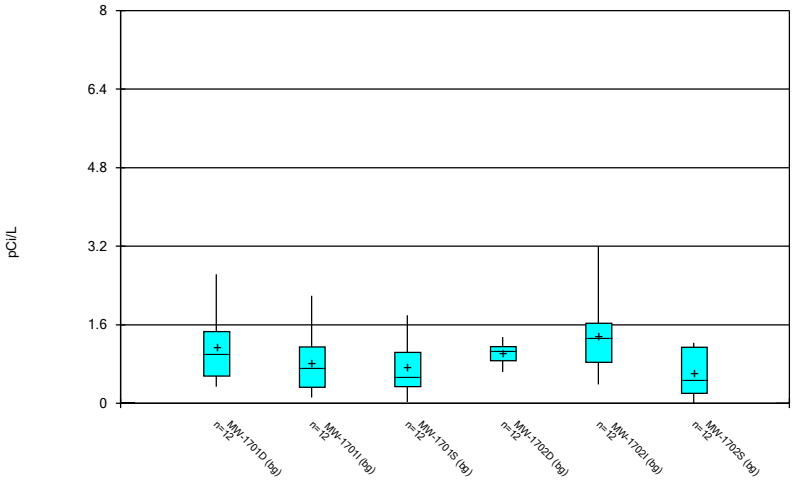
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

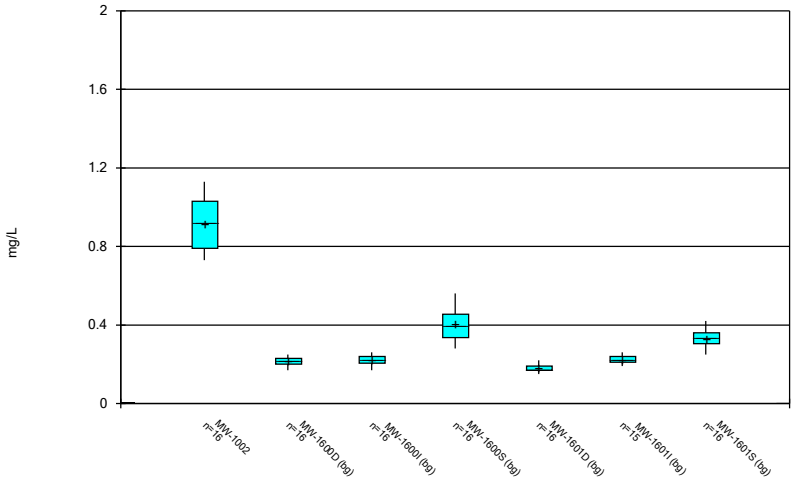
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

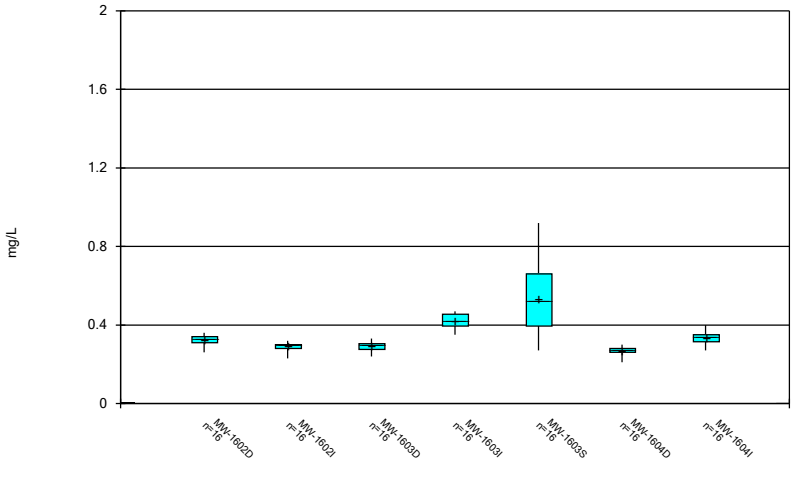
Box & Whiskers Plot



Constituent: Fluoride, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

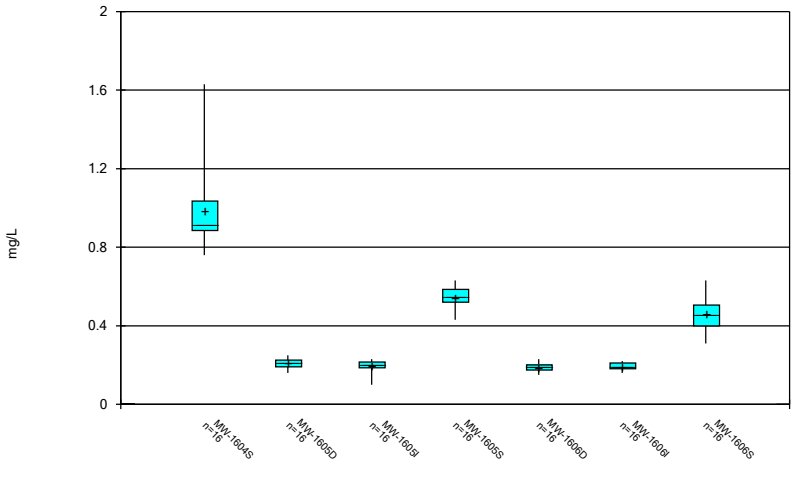
Box & Whiskers Plot



Constituent: Fluoride, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

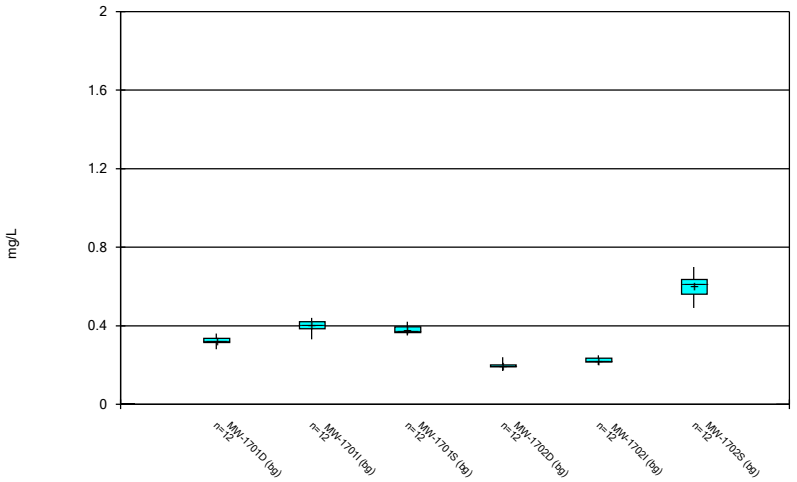
Box & Whiskers Plot



Constituent: Fluoride, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

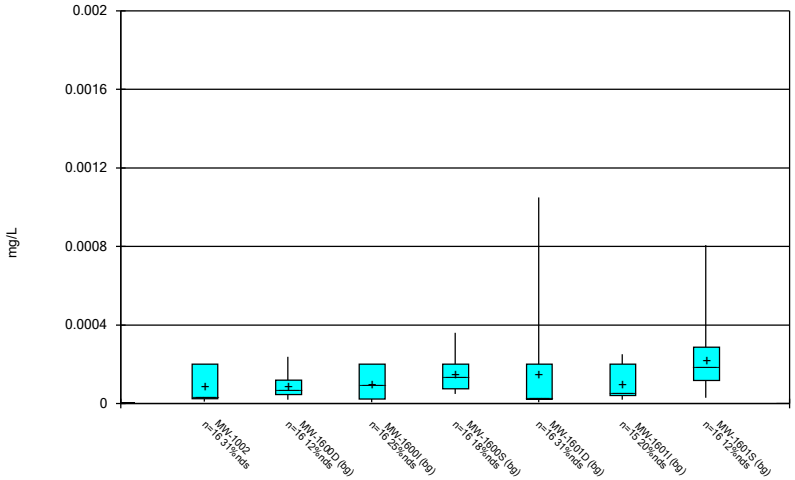
Box & Whiskers Plot



Constituent: Fluoride, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

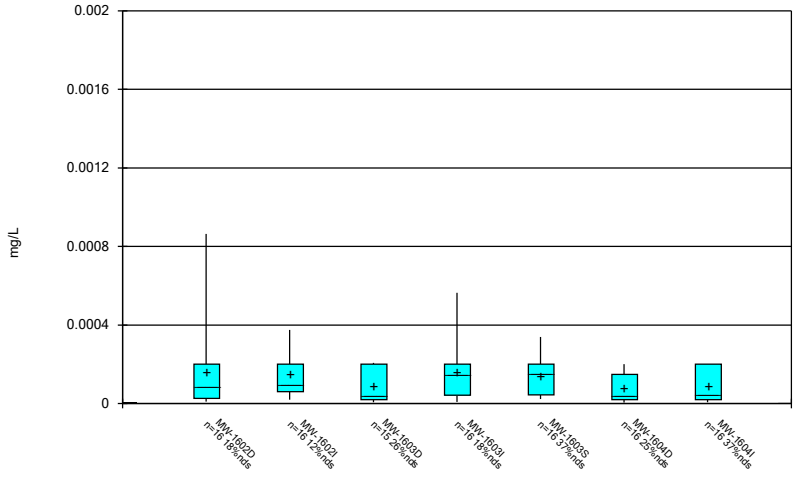
Box & Whiskers Plot



Constituent: Lead, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

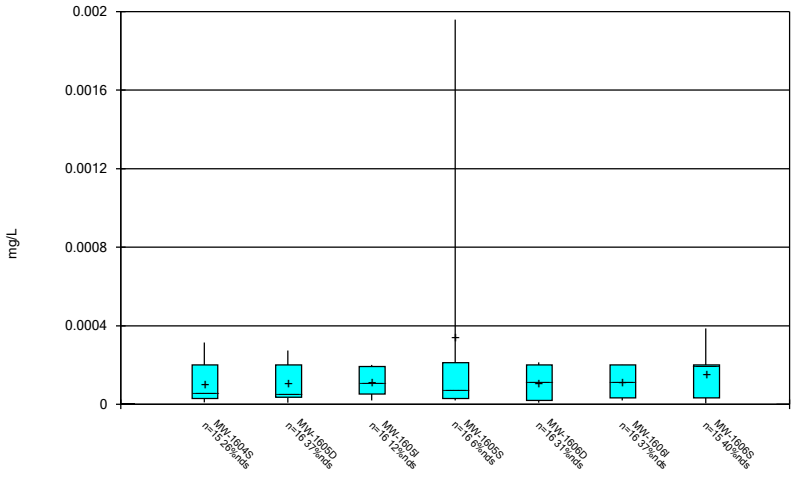
Box & Whiskers Plot



Constituent: Lead, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

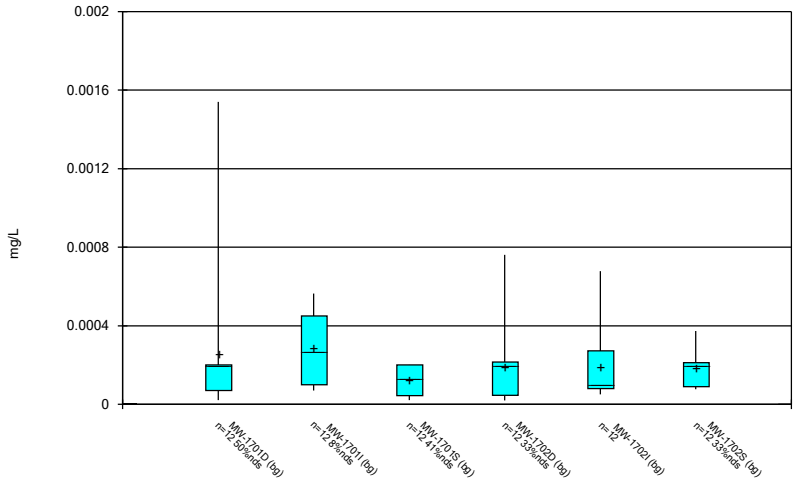
Box & Whiskers Plot



Constituent: Lead, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

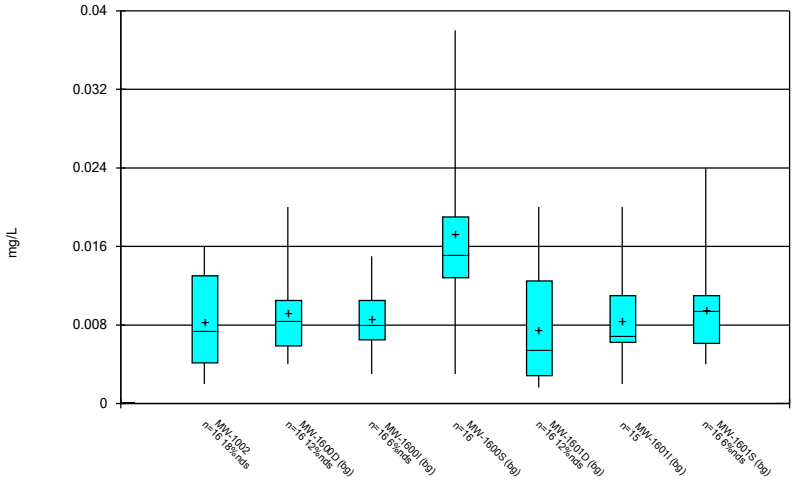
Box & Whiskers Plot



Constituent: Lead, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

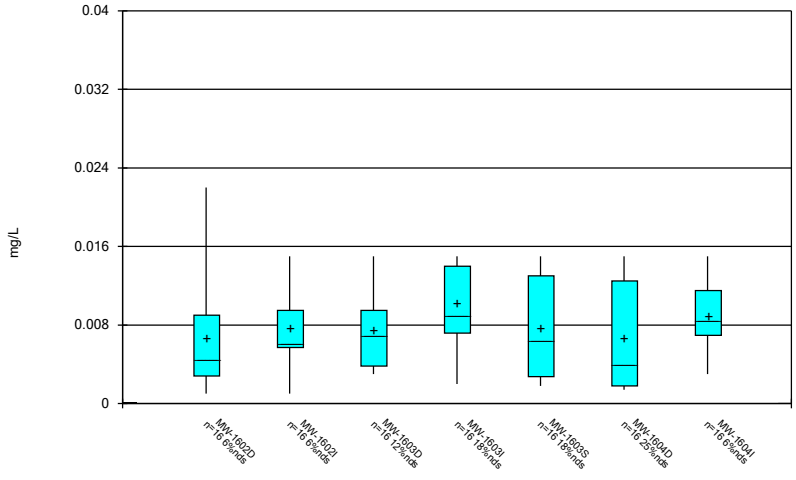
Box & Whiskers Plot



Constituent: Lithium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

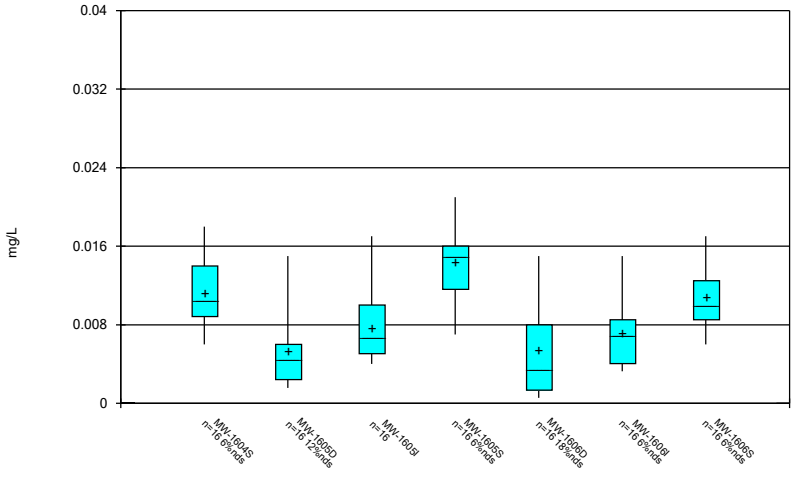
Box & Whiskers Plot



Constituent: Lithium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

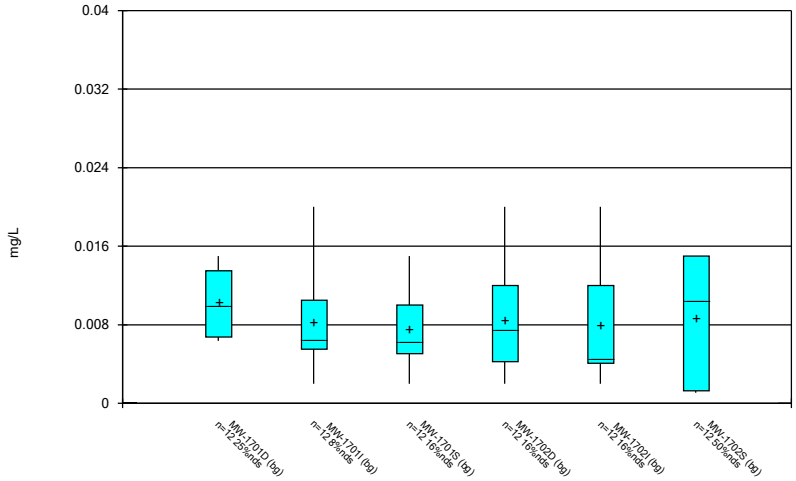
Box & Whiskers Plot



Constituent: Lithium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

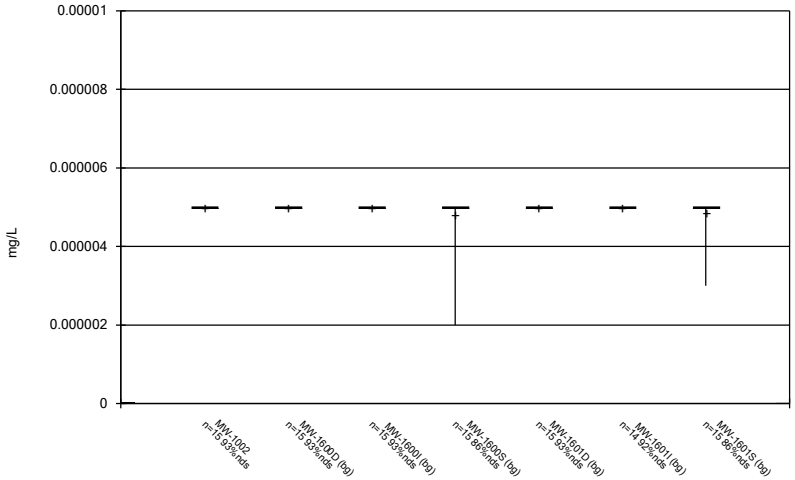
Box & Whiskers Plot



Constituent: Lithium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

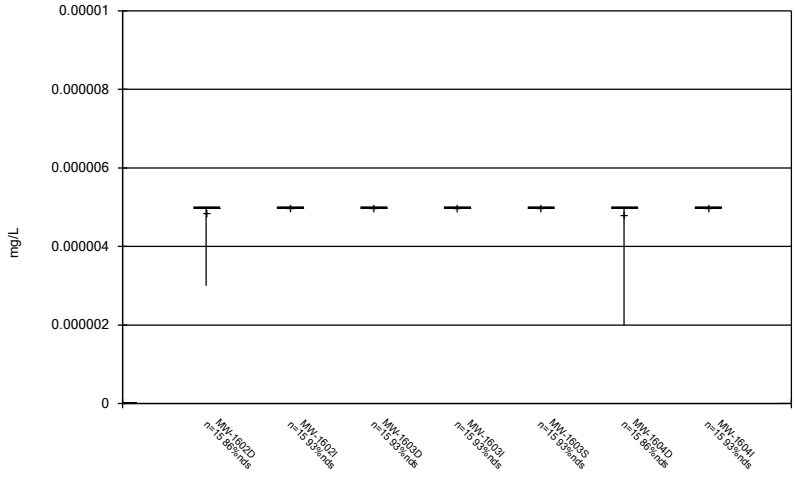
Box & Whiskers Plot



Constituent: Mercury, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

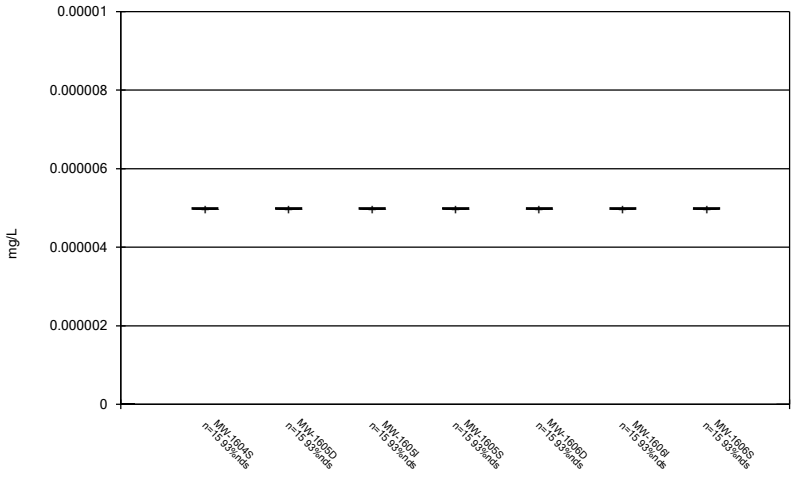
Box & Whiskers Plot



Constituent: Mercury, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

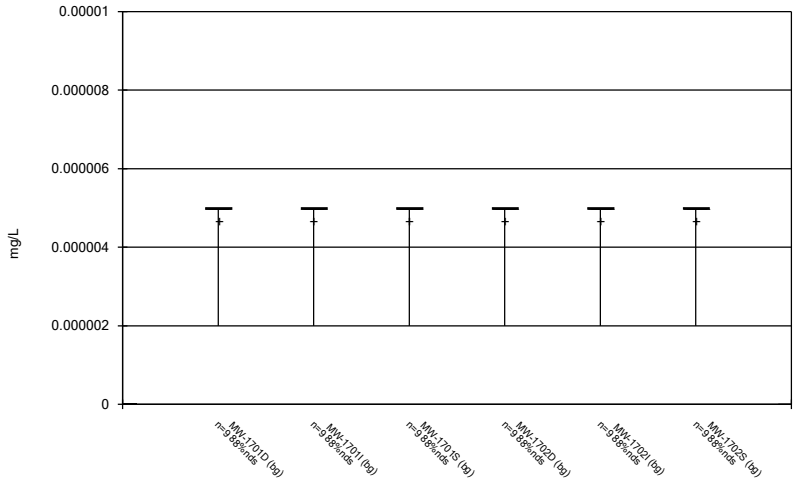
Box & Whiskers Plot



Constituent: Mercury, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

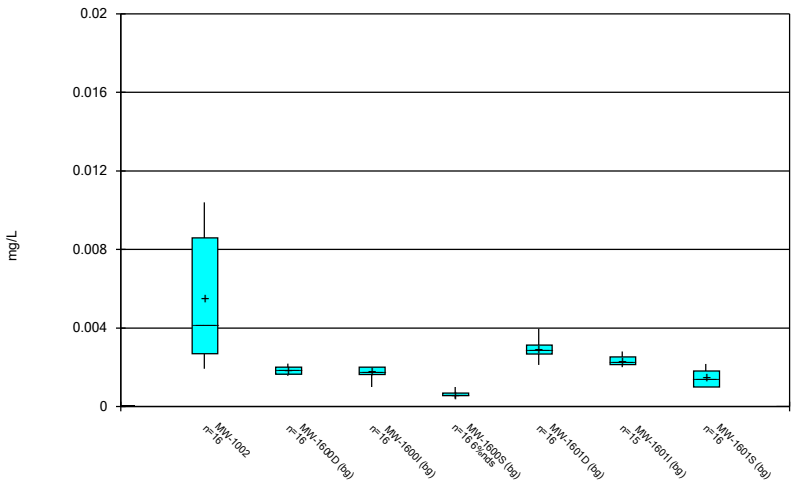
Box & Whiskers Plot



Constituent: Mercury, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

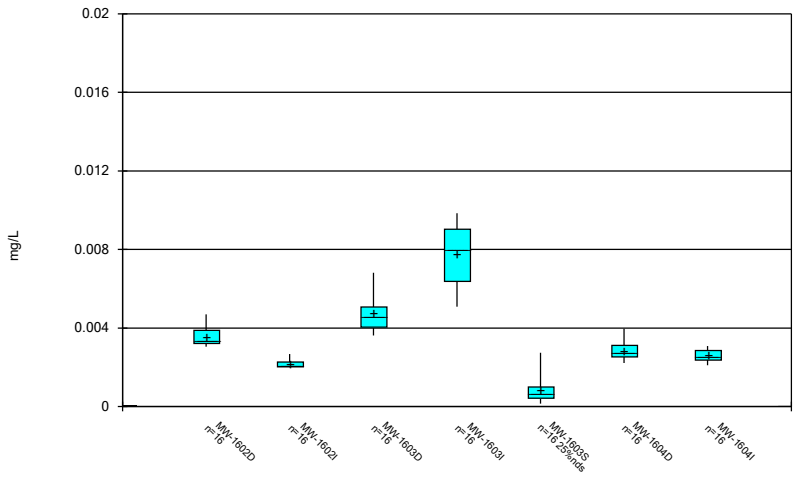
Box & Whiskers Plot



Constituent: Molybdenum, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

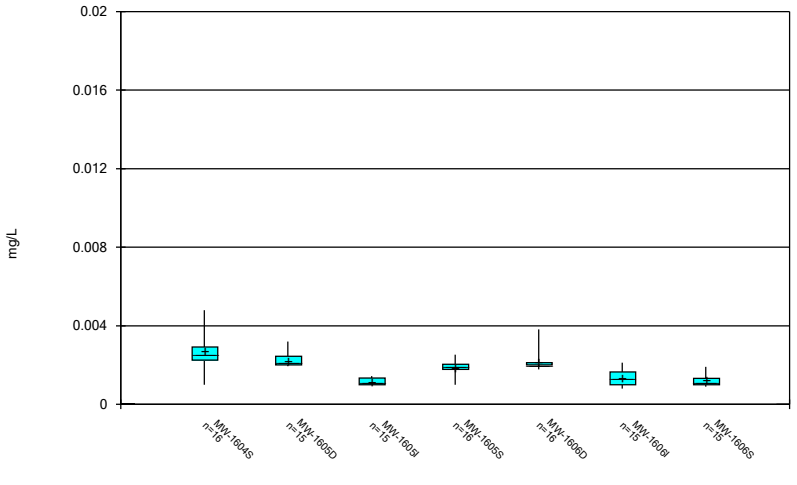
Box & Whiskers Plot



Constituent: Molybdenum, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

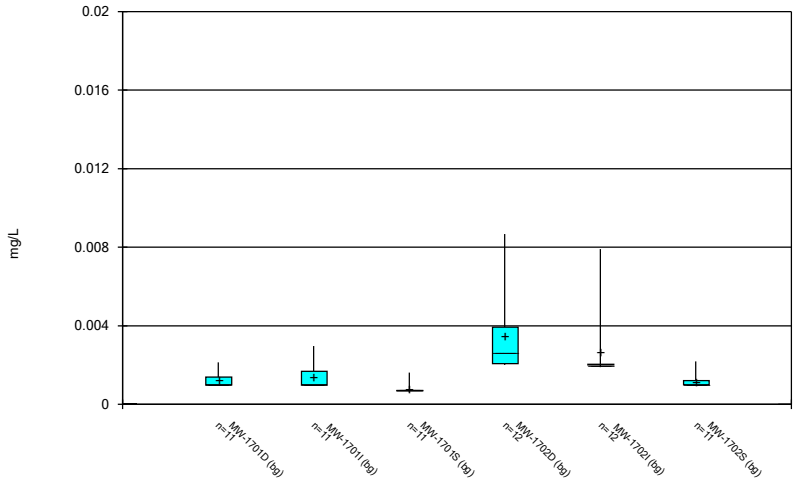
Box & Whiskers Plot



Constituent: Molybdenum, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

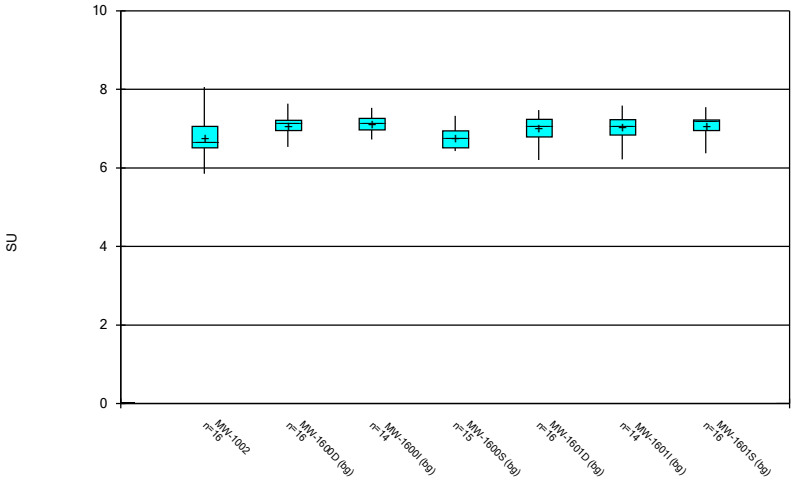
Box & Whiskers Plot



Constituent: Molybdenum, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

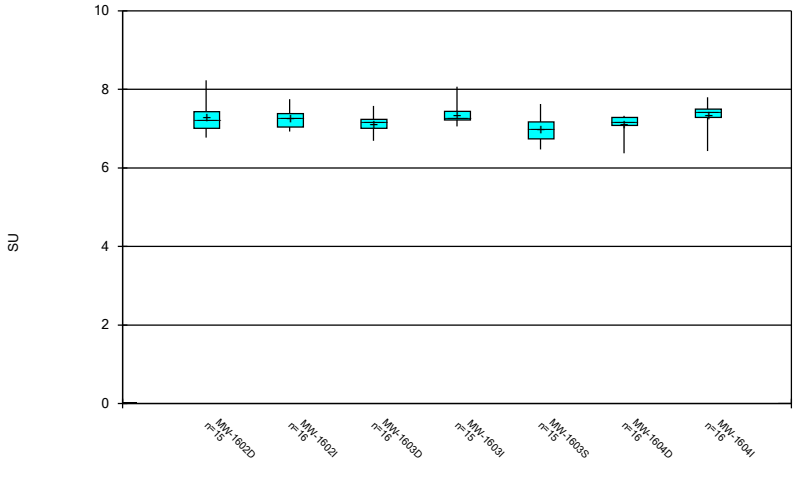
Box & Whiskers Plot



Constituent: pH, field Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

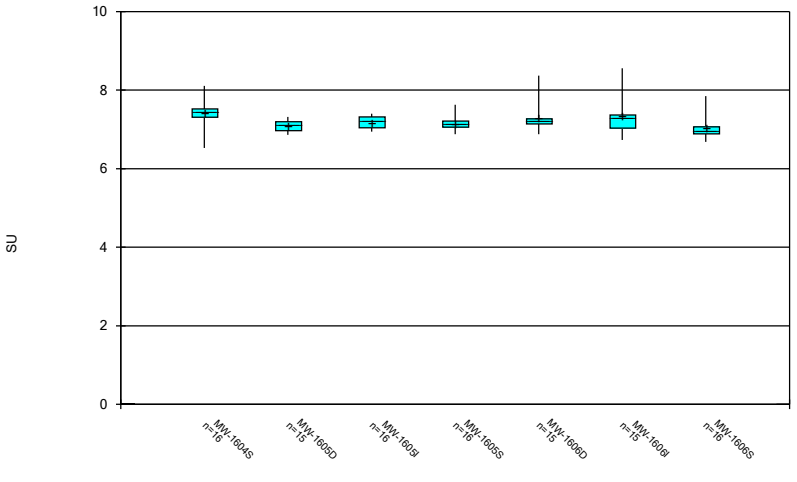
Box & Whiskers Plot



Constituent: pH, field Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

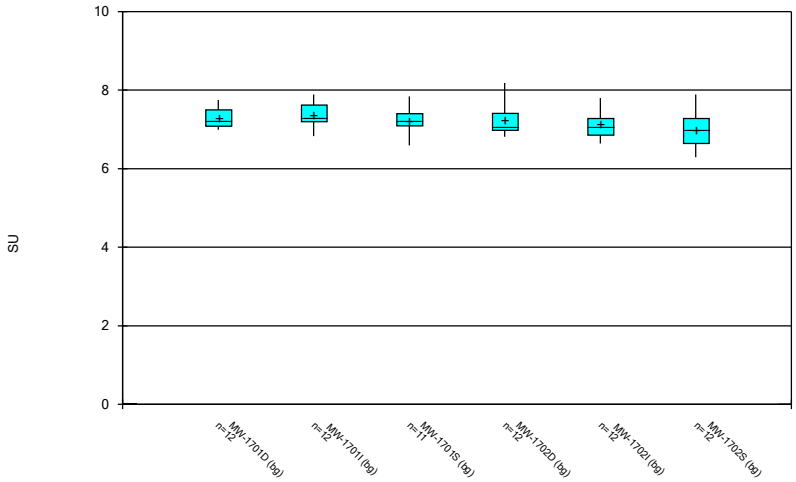
Box & Whiskers Plot



Constituent: pH, field Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

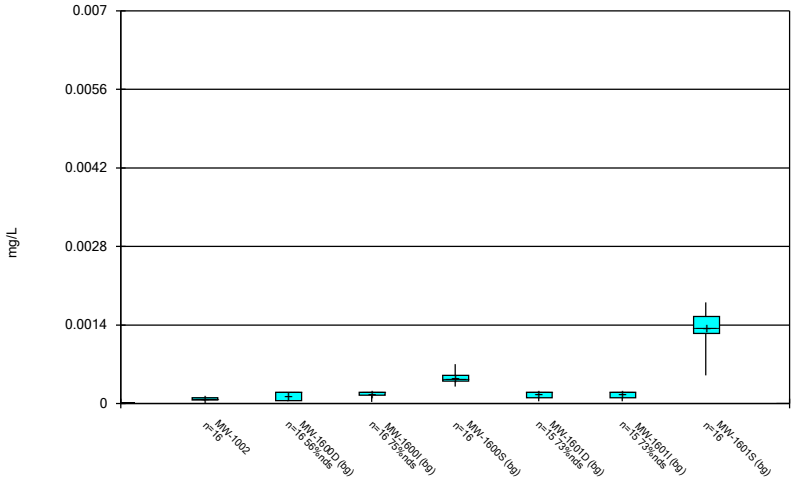
Box & Whiskers Plot



Constituent: pH, field Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

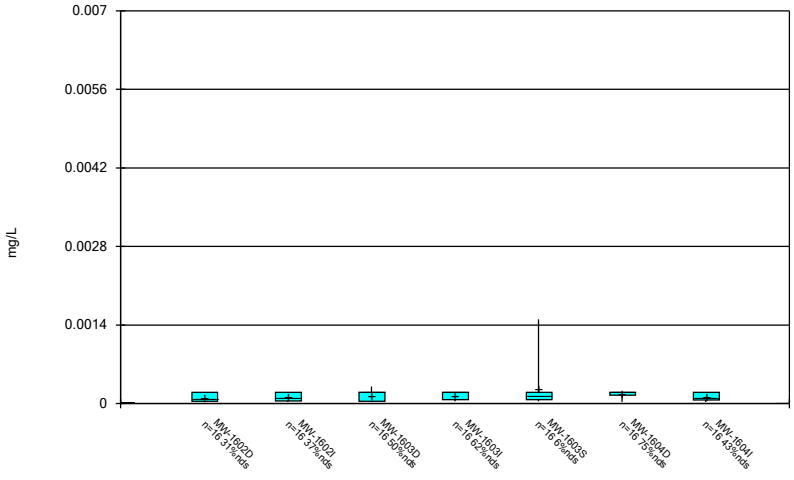
Box & Whiskers Plot



Constituent: Selenium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

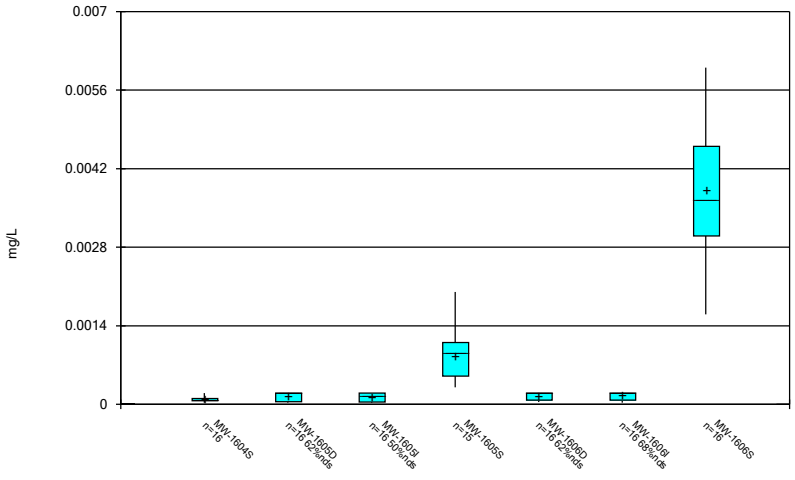
Box & Whiskers Plot



Constituent: Selenium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

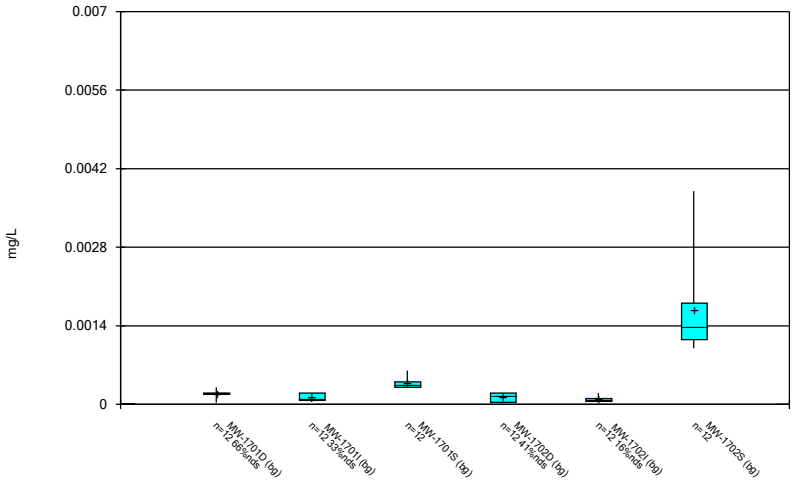
Box & Whiskers Plot



Constituent: Selenium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

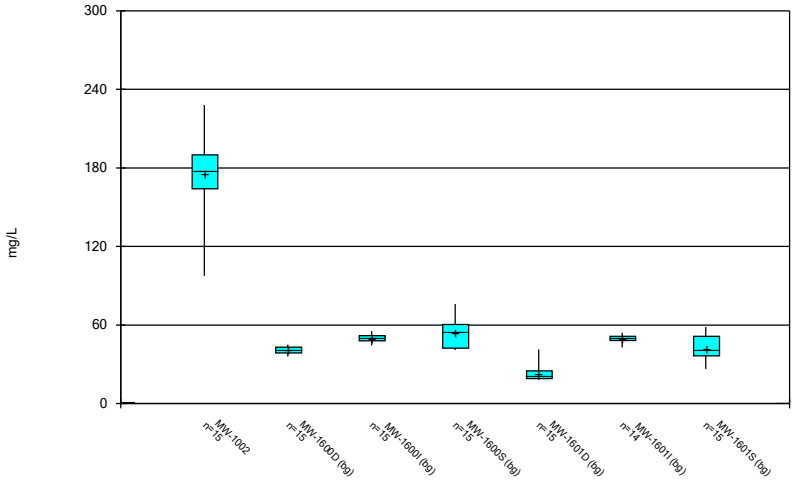
Box & Whiskers Plot



Constituent: Selenium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

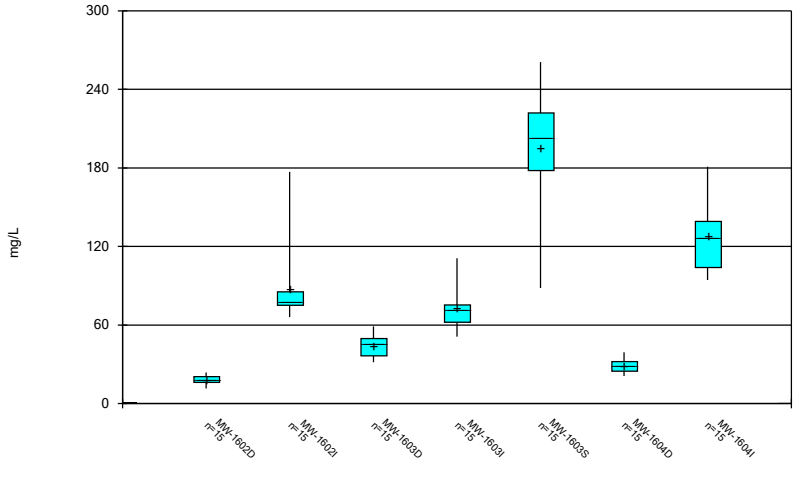
Box & Whiskers Plot



Constituent: Sulfate, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

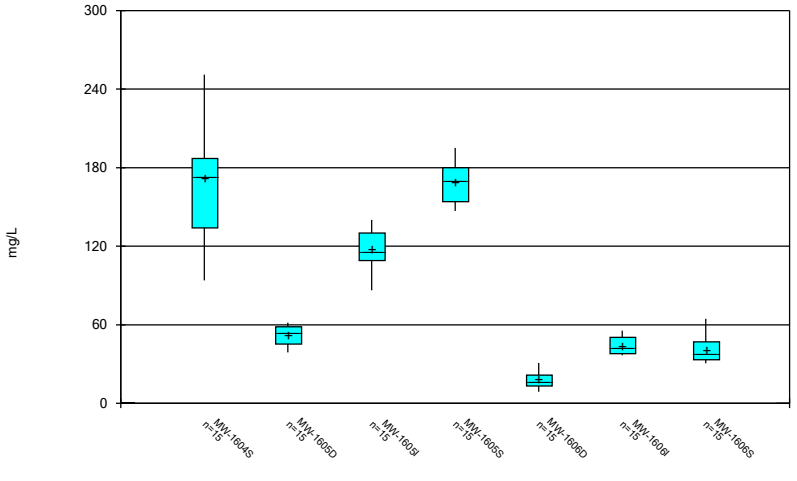
Box & Whiskers Plot



Constituent: Sulfate, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

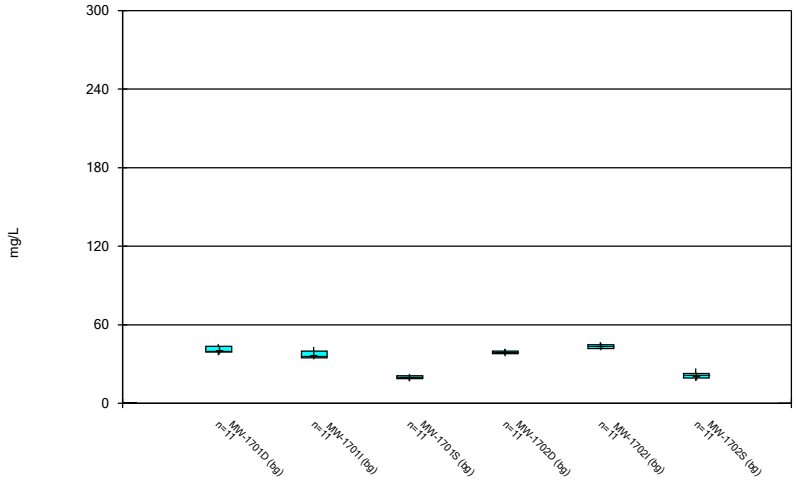
Box & Whiskers Plot



Constituent: Sulfate, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

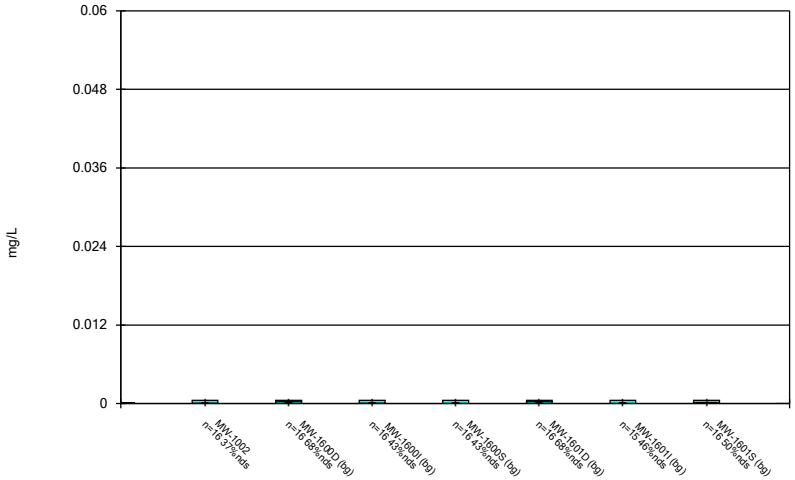
Box & Whiskers Plot



Constituent: Sulfate, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

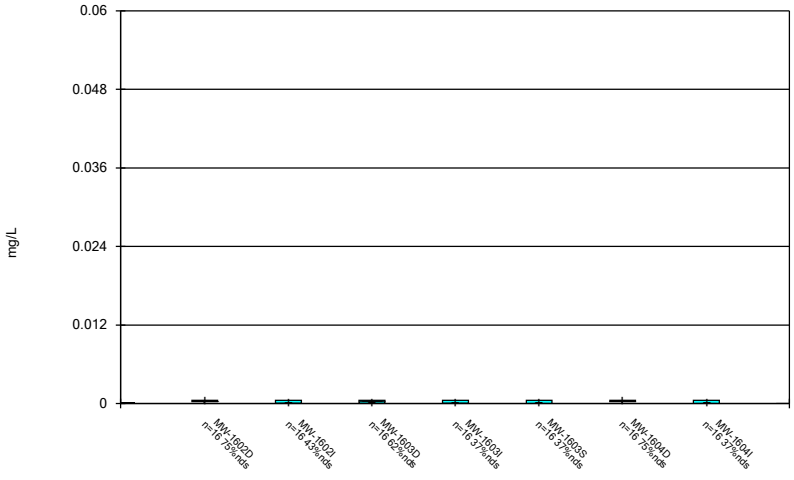
Box & Whiskers Plot



Constituent: Thallium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

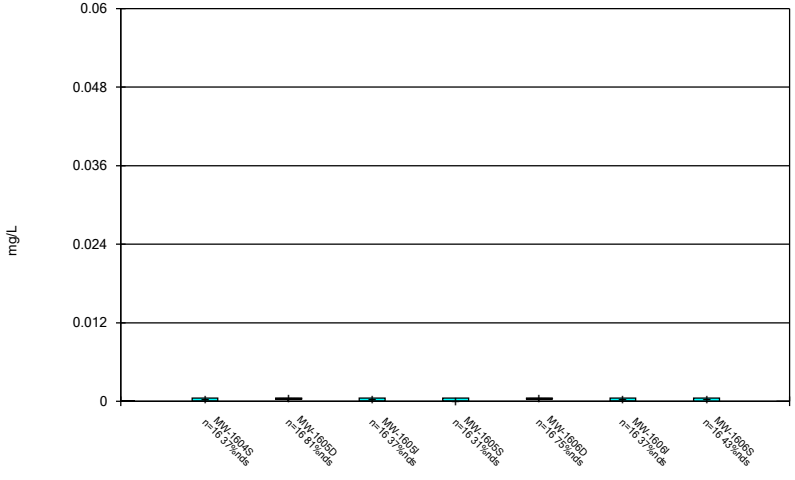
Box & Whiskers Plot



Constituent: Thallium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

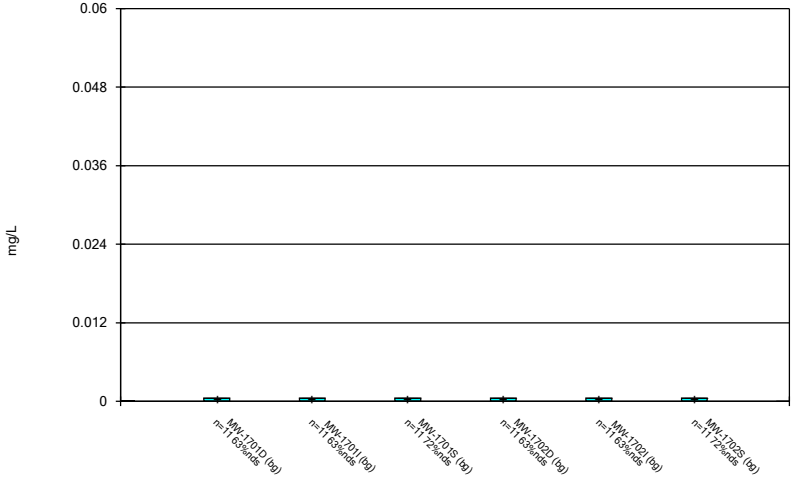
Box & Whiskers Plot



Constituent: Thallium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

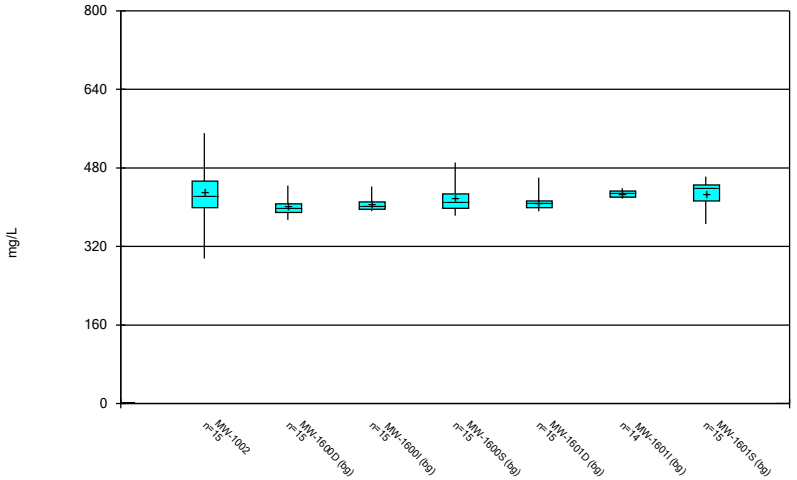
Sanitas™ v.9.6.27 . UG

Box & Whiskers Plot



Constituent: Thallium, total Analysis Run 1/29/2021 7:24 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

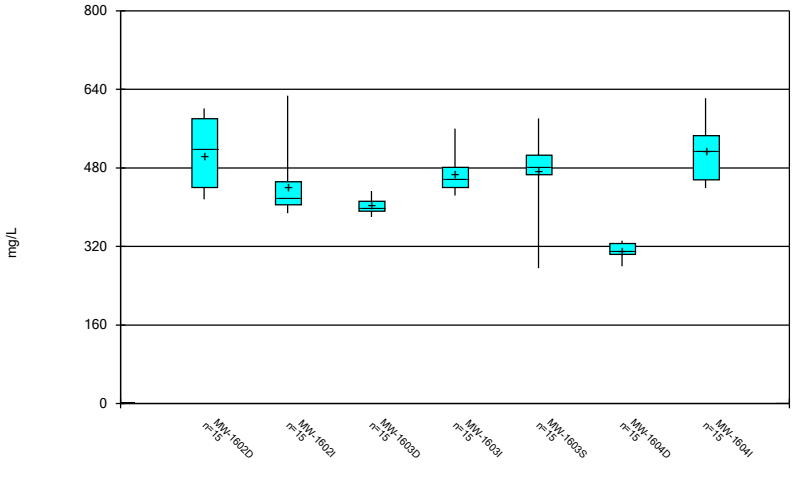
Box & Whiskers Plot



Constituent: Total Dissolved Solids [TDS] Analysis Run 1/29/2021 7:25 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

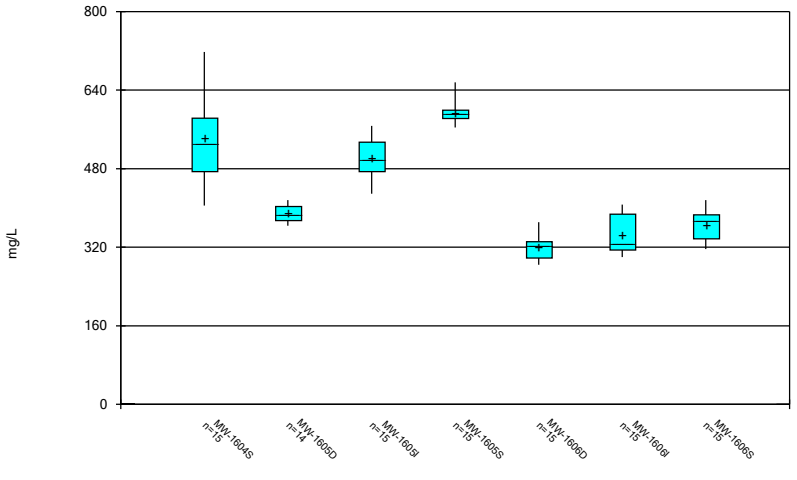
Box & Whiskers Plot



Constituent: Total Dissolved Solids [TDS] Analysis Run 1/29/2021 7:25 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

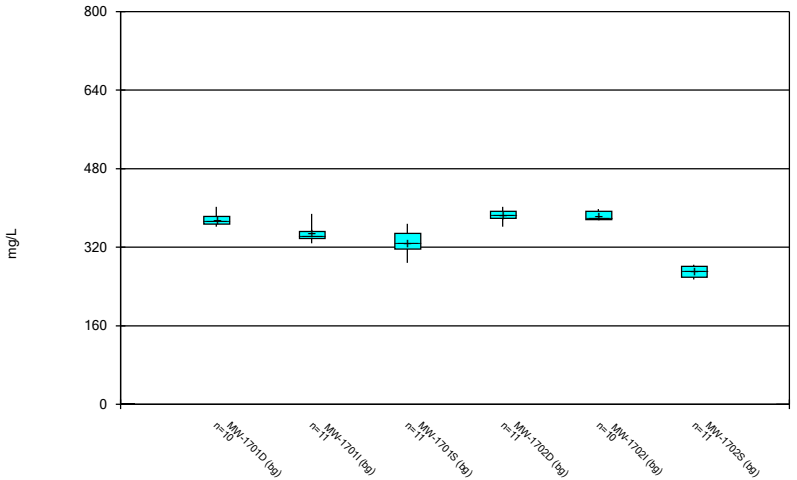
Box & Whiskers Plot



Constituent: Total Dissolved Solids [TDS] Analysis Run 1/29/2021 7:25 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Box & Whiskers Plot



Constituent: Total Dissolved Solids [TDS] Analysis Run 1/29/2021 7:25 PM View: Appendix III & IV
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Outlier Summary

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 1/27/2021, 8:19 PM

	MW-1606S Boron, total (mg/L)	MW-1603D Chromium, total (mg/L)	MW-1702S Chromium, total (mg/L)	MW-1606D Cobalt, total (mg/L)	MW-1600I Combined Radium 226 + 228 (pCi/L)	MW-1603D Lead, total (mg/L)	MW-1604S Lead, total (mg/L)	MW-1606S Lead, total (mg/L)	MW-1605D Molybdenum, total (mg/L)	MW-1605I Molybdenum, total (mg/L)
6/7/2016				0.000508 (o)					0.00765 (o)	
6/8/2016					7.25 (o)					
7/19/2016										
7/20/2016							0.000911 (o)			
10/10/2016		0.0238 (o)				0.00138 (o)				
1/10/2017										
3/7/2017								0.00133 (o)		
7/17/2017										
7/18/2017										
12/12/2017			0.00413 (o)							
6/4/2018										
6/5/2018										
8/15/2018	0.563 (o)									
5/24/2019										
6/25/2019										<0.01 (o)

	MW-1606I Molybdenum, total (mg/L)	MW-1606S Molybdenum, total (mg/L)	MW-1701D Molybdenum, total (mg/L)	MW-1701I Molybdenum, total (mg/L)	MW-1701S Molybdenum, total (mg/L)	MW-1702S Molybdenum, total (mg/L)	MW-1600I pH, field (SU)	MW-1600S pH, field (SU)	MW-1601I pH, field (SU)	MW-1602D pH, field (SU)
6/7/2016										5.12 (o)
6/8/2016										
7/19/2016										
7/20/2016										
10/10/2016										
1/10/2017										
3/7/2017										
7/17/2017							9.29 (o)	9.46 (o)	9.45 (o)	
7/18/2017										
12/12/2017										
6/4/2018										
6/5/2018										
8/15/2018										
5/24/2019										
6/25/2019	<0.01 (o)	<0.01 (o)	<0.01 (o)	<0.01 (o)	<0.01 (o)	<0.01 (o)				

Outlier Summary

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 1/27/2021, 8:19 PM

	MW-1603I pH, field (SU)	MW-1603S pH, field (SU)	MW-1605D pH, field (SU)	MW-1606D pH, field (SU)	MW-1606I pH, field (SU)	MW-1601D Selenium, total (mg/L)	MW-1605S Selenium, total (mg/L)	MW-1701D Thallium, total (mg/L)	MW-1701I Thallium, total (mg/L)	MW-1701S Thallium, total (mg/L)
6/7/2016										
6/8/2016										
7/19/2016				5.85 (o)	4.98 (o)					
7/20/2016										
10/10/2016										
1/10/2017										
3/7/2017										
7/17/2017	9.78 (o)	9.63 (o)								
7/18/2017			9.51 (o)							
12/12/2017								0.051 (o)	0.04 (o)	0.02 (o)
6/4/2018										
6/5/2018										
8/15/2018							0.0054 (o)			
5/24/2019						3E-05 (Jo)				
6/25/2019										

	MW-1702D Thallium, total (mg/L)	MW-1702I Thallium, total (mg/L)	MW-1702S Thallium, total (mg/L)	MW-1605D Total Dissolved Solids [TDS] (mg/L)	MW-1701D Total Dissolved Solids [TDS] (mg/L)	MW-1702I Total Dissolved Solids [TDS] (mg/L)
6/7/2016						
6/8/2016						
7/19/2016						
7/20/2016						
10/10/2016						
1/10/2017				794 (o)		
3/7/2017						
7/17/2017						
7/18/2017						
12/12/2017	0.03 (o)	0.04 (o)	0.01 (o)			
6/4/2018					760 (o)	
6/5/2018				700 (o)		
8/15/2018						
5/24/2019						
6/25/2019						

Intrawell Prediction Limit Summary

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 12/8/2019, 2:14 PM

Constituent	Well	Upper Lim.	Lower Lim.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium, total (mg/L)	MW-1600D	92.5	n/a	n/a	12	82.28	5.189	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1600I	81.85	n/a	n/a	12	75.5	3.222	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1600S	71.88	n/a	n/a	12	63.8	4.101	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1601D	94.27	n/a	n/a	12	86.33	4.036	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1601I	96.14	n/a	n/a	11	86.49	4.709	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1601S	85.85	n/a	n/a	12	75.86	5.071	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1002	78.34	n/a	n/a	12	47.2	15.81	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1602D	79.68	n/a	n/a	12	70.9	4.456	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1602I	87.81	n/a	n/a	12	76.54	5.721	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1603D	96.67	n/a	n/a	12	82.65	7.117	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1603I	103.5	n/a	n/a	12	88	7.858	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1603S	96.21	n/a	n/a	12	63.29	16.71	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1604D	76.07	n/a	n/a	12	69.08	3.547	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1604I	84.43	n/a	n/a	12	74.03	5.283	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1604S	108	n/a	n/a	12	83.43	12.49	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1605D	95.28	n/a	n/a	12	85.63	4.902	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1605I	104.3	n/a	n/a	12	87.37	8.608	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1605S	88.64	n/a	n/a	12	5401	1247	0	None	x^2	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1606D	81.4	n/a	n/a	12	73.52	4	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1606I	86.27	n/a	n/a	12	68.28	9.136	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1606S	68.13	n/a	n/a	12	3.921	0.1523	0	None	ln(x)	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1701S	68.34	n/a	n/a	7	59.84	3.133	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1702D	90.49	n/a	n/a	7	79.36	4.104	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1702I	86.84	n/a	n/a	7	77.14	3.573	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1702S	44.88	n/a	n/a	7	33.83	4.072	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1701D	82.24	n/a	n/a	7	71.8	3.848	0	None	No	0.0005016	Param Intra 1 of 3
Calcium, total (mg/L)	MW-1701I	73.44	n/a	n/a	7	64.77	3.196	0	None	No	0.0005016	Param Intra 1 of 3
pH, field (SU)	MW-1600D	7.626	6.557	n/a	13	7.092	0.2774	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1600I	7.599	6.791	n/a	10	7.195	0.1899	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1600S	7.258	6.272	n/a	12	6.765	0.2503	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1601D	7.667	6.47	n/a	13	7.068	0.3106	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1601I	7.661	6.57	n/a	11	7.115	0.266	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1601S	7.65	6.621	n/a	13	7.135	0.2669	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1002	7.818	6.101	n/a	14	6.959	0.4557	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1602D	8.148	6.728	n/a	13	7.438	0.3685	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1602I	7.769	6.838	n/a	14	7.304	0.2471	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1603D	7.393	6.827	n/a	13	7.11	0.1468	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1603I	7.792	6.797	n/a	13	7.295	0.2583	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1603S	7.614	6.369	n/a	13	6.992	0.3233	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1604D	7.439	6.977	n/a	13	7.208	0.1199	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1604I	7.784	7.093	n/a	14	7.439	0.1832	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1604S	7.874	7.116	n/a	14	7.495	0.2014	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1605D	7.391	6.851	n/a	11	7.121	0.1319	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1605I	7.555	6.909	n/a	14	7.232	0.1713	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1605S	7.67	7.07	n/a	14	n/a	n/a	0	n/a	n/a	0.003199	NP Intra (normality) 1 of 3
pH, field (SU)	MW-1606D	8.37	6.88	n/a	12	n/a	n/a	0	n/a	n/a	0.004347	NP Intra (normality) 1 of 3
pH, field (SU)	MW-1606I	8.342	6.403	n/a	12	7.373	0.4922	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1606S	7.796	6.333	n/a	14	7.064	0.3882	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1701S	8.302	6.249	n/a	7	7.276	0.3784	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1702D	8.801	5.873	n/a	7	7.337	0.5395	0	None	No	0.0002508	Param Intra 1 of 3

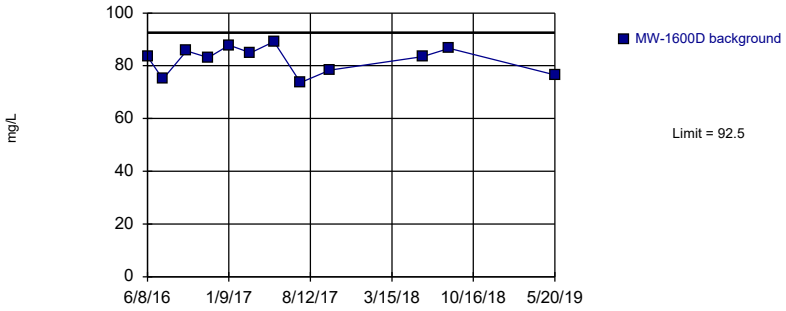
Intrawell Prediction Limit Summary

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 12/8/2019, 2:14 PM

Constituent	Well	Upper Lim.	Lower Lim.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, field (SU)	MW-1702I	8.435	5.925	n/a	7	7.18	0.4626	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1702S	8.554	5.546	n/a	7	7.05	0.5543	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1701D	7.968	6.823	n/a	7	7.396	0.2109	0	None	No	0.0002508	Param Intra 1 of 3
pH, field (SU)	MW-1701I	8.157	6.818	n/a	7	7.487	0.2468	0	None	No	0.0002508	Param Intra 1 of 3

Prediction Limit

Intrawell Parametric, MW-1600D (bg)



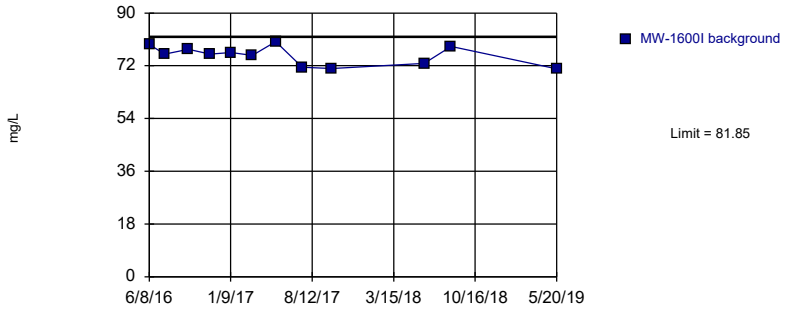
Background Data Summary: Mean=82.28, Std. Dev.=5.189, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9157, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1600I (bg)



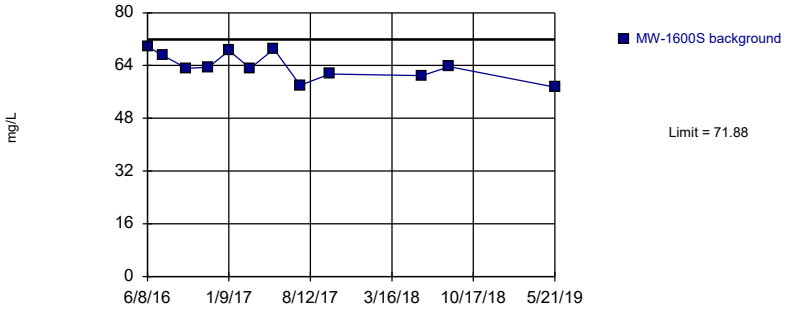
Background Data Summary: Mean=75.5, Std. Dev.=3.222, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.92, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1600S (bg)



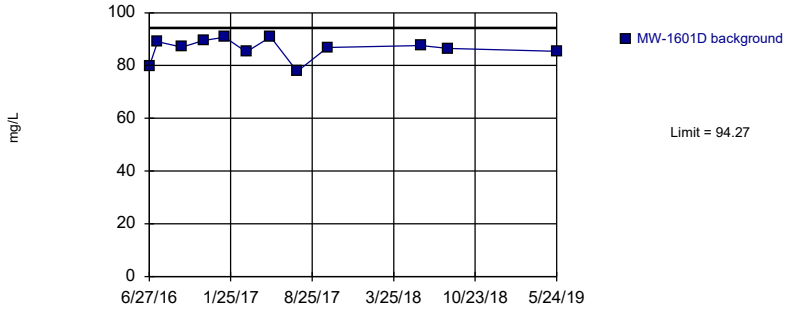
Background Data Summary: Mean=63.8, Std. Dev.=4.101, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9383, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1601D (bg)

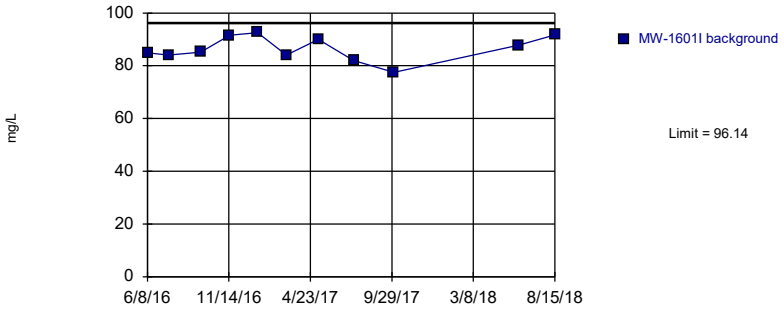


Background Data Summary: Mean=86.33, Std. Dev.=4.036, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8746, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1601I (bg)



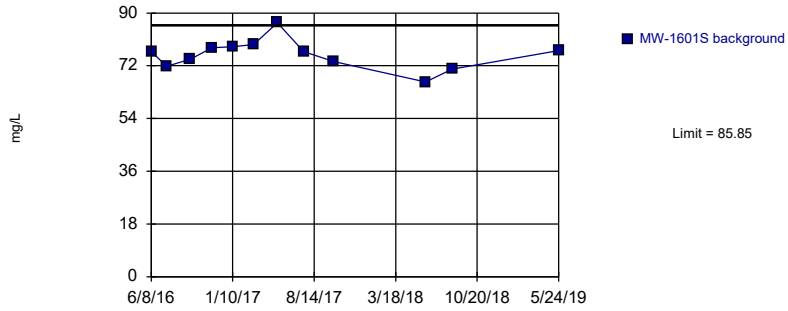
Background Data Summary: Mean=86.49, Std. Dev.=4.709, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9399, critical = 0.792. Kappa = 2.05 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1601S (bg)



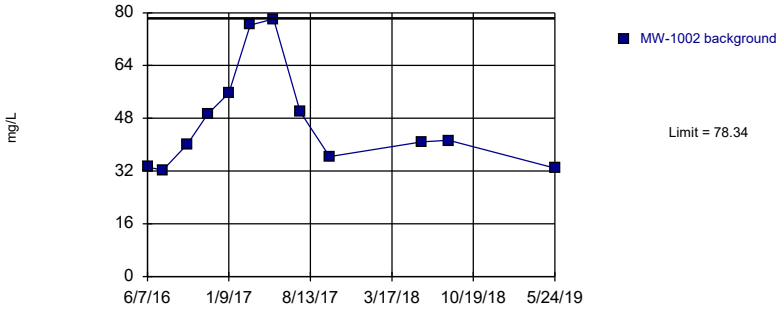
Background Data Summary: Mean=75.86, Std. Dev.=5.071, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9566, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1002



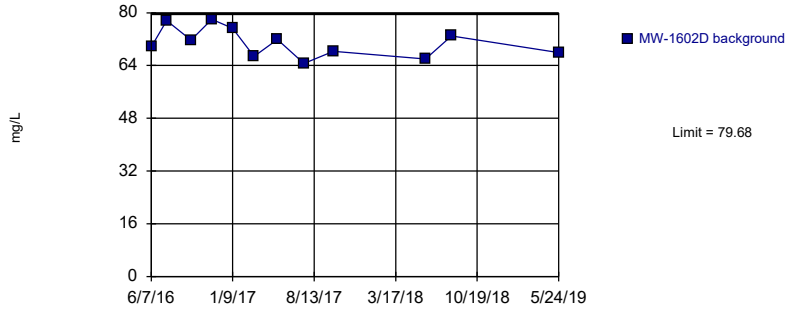
Background Data Summary: Mean=47.2, Std. Dev.=15.81, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8305, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1602D

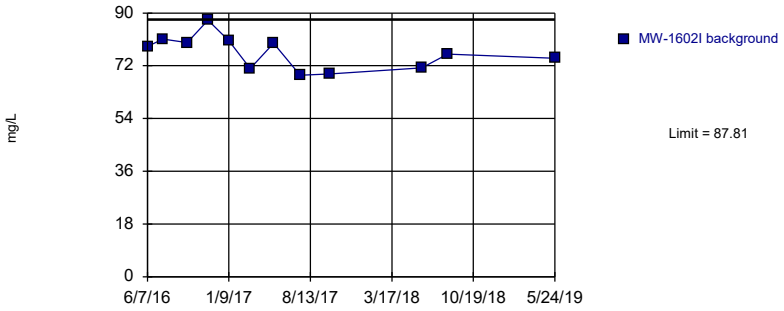


Background Data Summary: Mean=70.9, Std. Dev.=4.456, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.948, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1602I



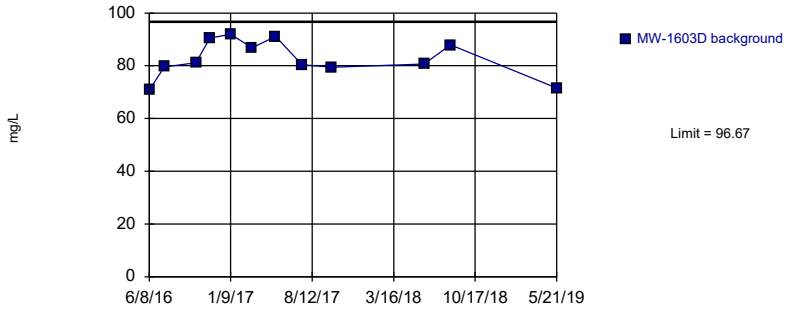
Background Data Summary: Mean=76.54, Std. Dev.=5.721, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9396, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1603D



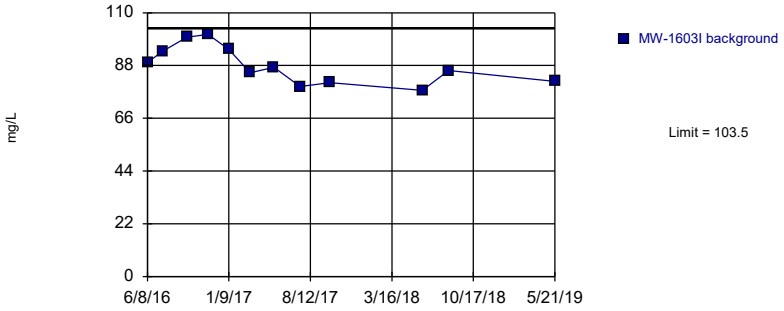
Background Data Summary: Mean=82.65, Std. Dev.=7.117, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.914, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1603I



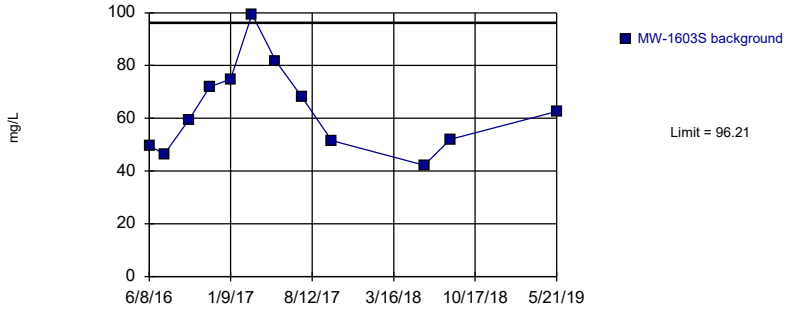
Background Data Summary: Mean=88, Std. Dev.=7.858, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9366, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1603S

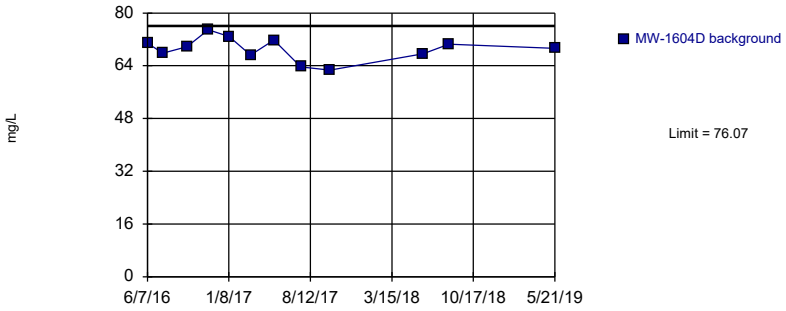


Background Data Summary: Mean=63.29, Std. Dev.=16.71, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9415, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1604D



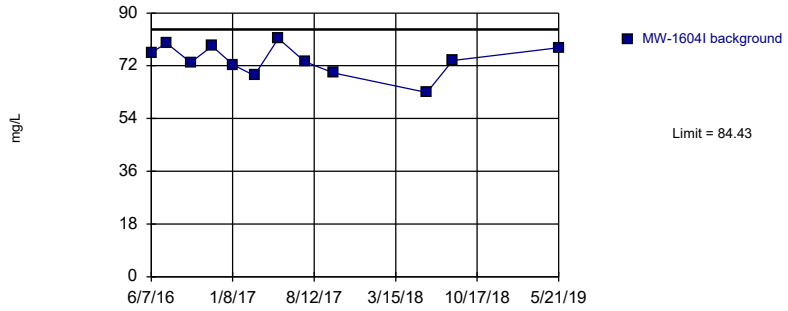
Background Data Summary: Mean=69.08, Std. Dev.=3.547, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9704, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1604I



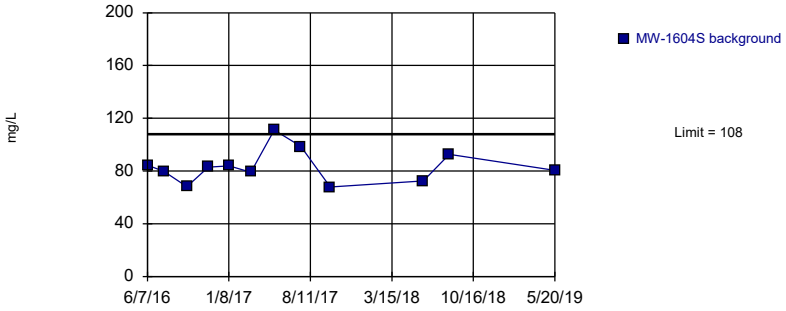
Background Data Summary: Mean=74.03, Std. Dev.=5.283, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9563, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1604S



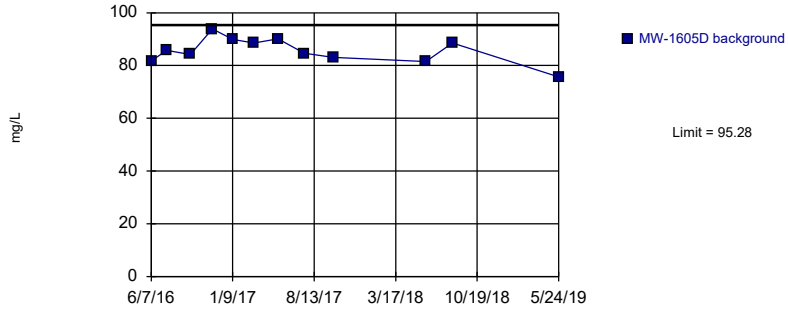
Background Data Summary: Mean=83.43, Std. Dev.=12.49, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9242, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1605D

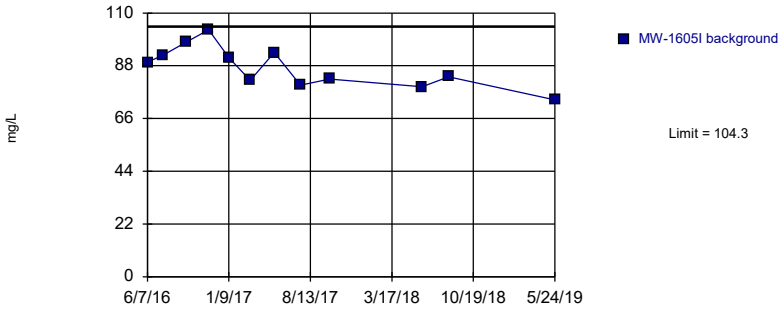


Background Data Summary: Mean=85.63, Std. Dev.=4.902, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9748, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1605I



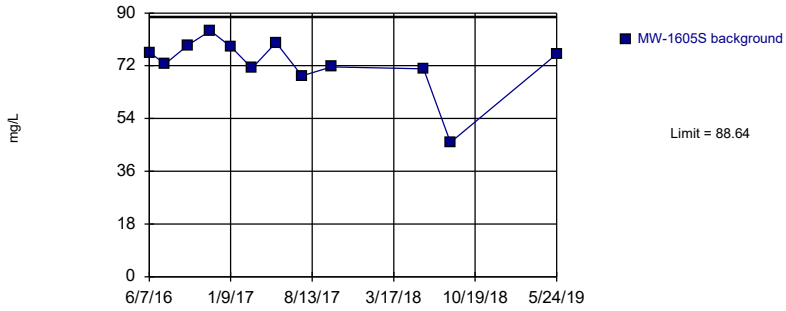
Background Data Summary: Mean=87.37, Std. Dev.=8.608, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9669, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1605S



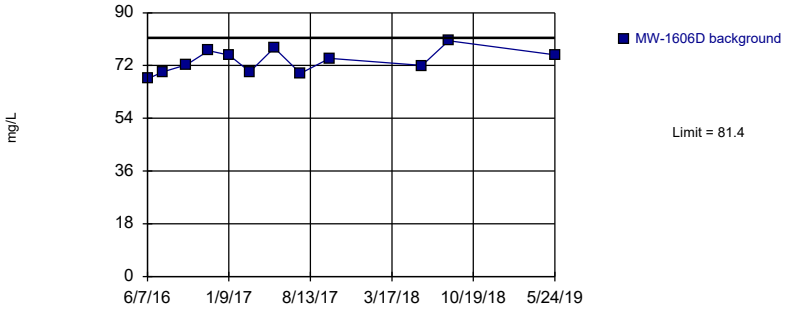
Background Data Summary (based on square transformation): Mean=5401, Std. Dev.=1247, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.851, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1606D



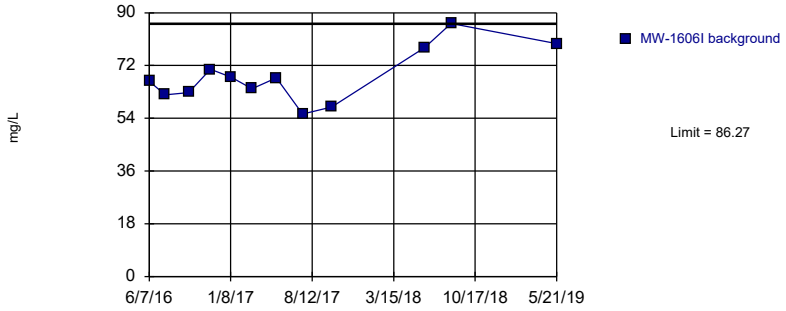
Background Data Summary: Mean=73.52, Std. Dev.=4, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.966, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1606I

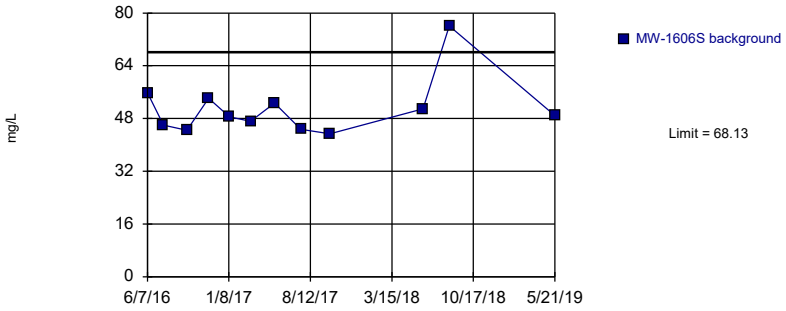


Background Data Summary: Mean=68.28, Std. Dev.=9.136, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9498, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1606S



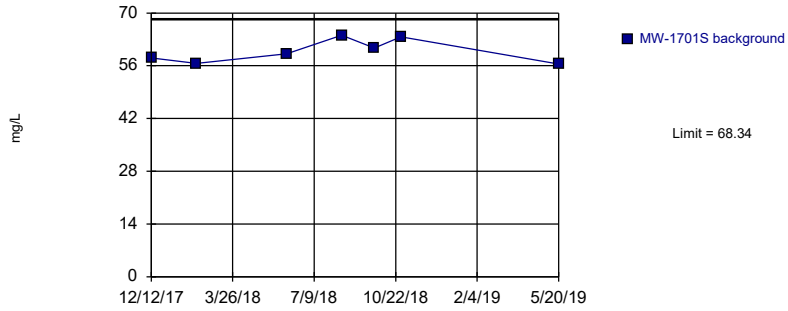
Background Data Summary (based on natural log transformation): Mean=3.921, Std. Dev.=0.1523, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8188, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1701S (bg)



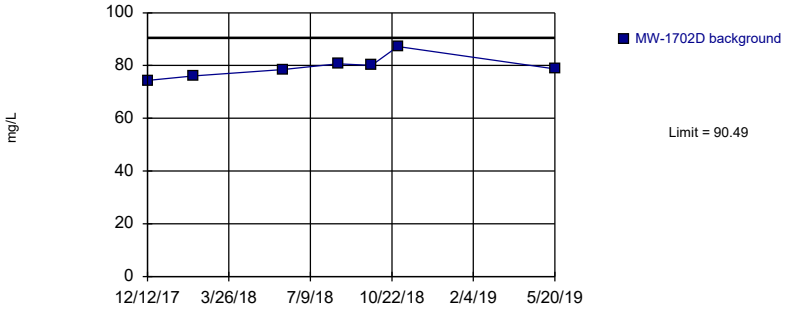
Background Data Summary: Mean=59.84, Std. Dev.=3.133, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8936, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1702D (bg)



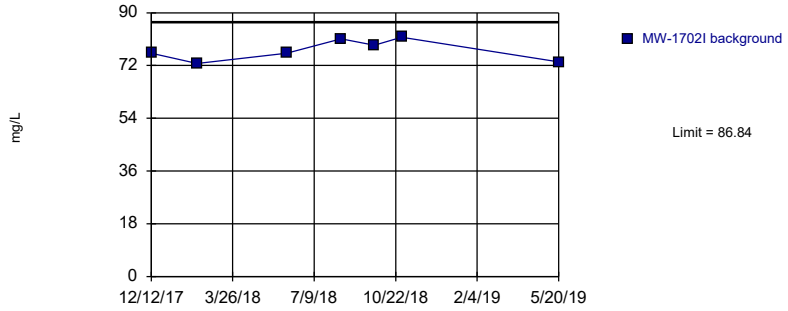
Background Data Summary: Mean=79.36, Std. Dev.=4.104, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9203, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1702I (bg)

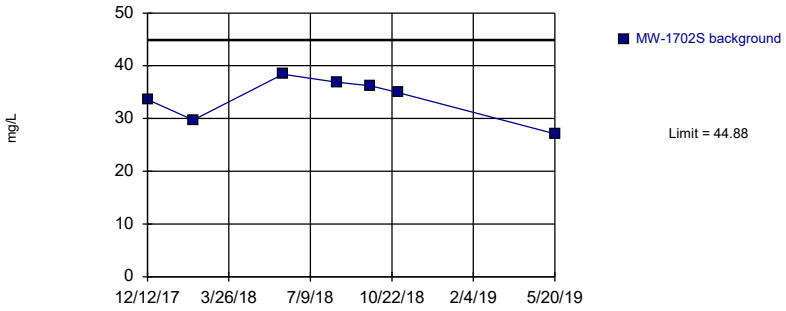


Background Data Summary: Mean=77.14, Std. Dev.=3.573, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9176, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1702S (bg)

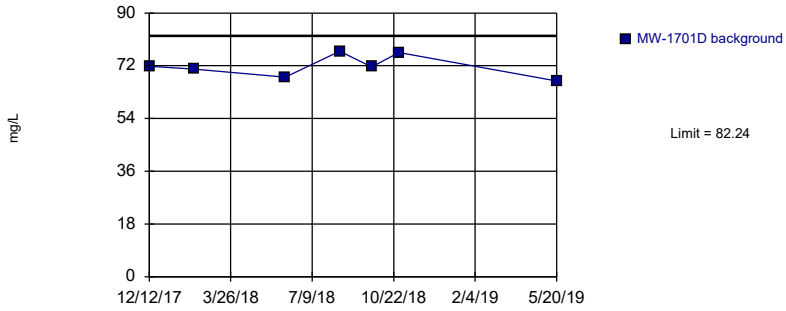


Background Data Summary: Mean=33.83, Std. Dev.=4.072, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9245, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1701D (bg)

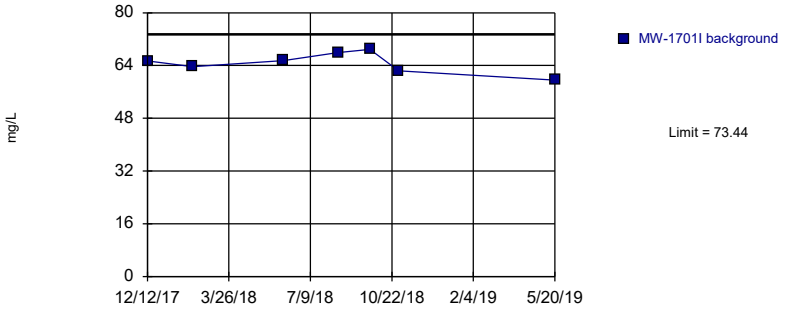


Background Data Summary: Mean=71.8, Std. Dev.=3.848, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9204, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1701I (bg)

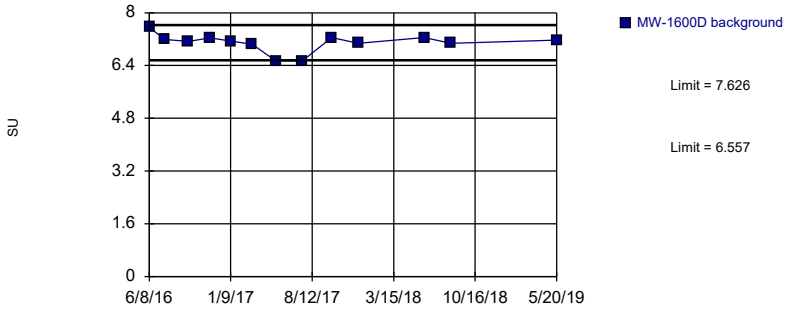


Background Data Summary: Mean=64.77, Std. Dev.=3.196, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: Calcium, total Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1600D (bg)

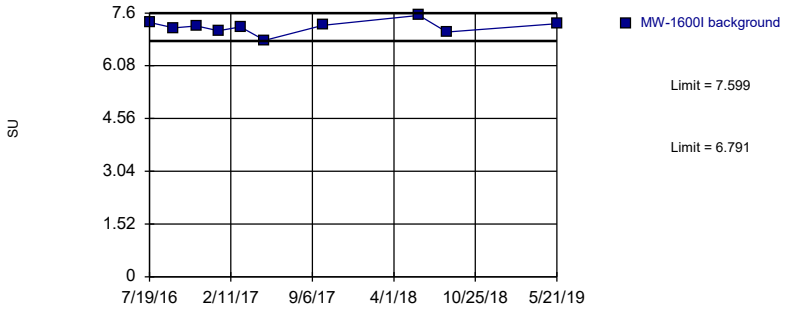


Background Data Summary: Mean=7.092, Std. Dev.=0.2774, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8343, critical = 0.814. Kappa = 1.927 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1600I (bg)



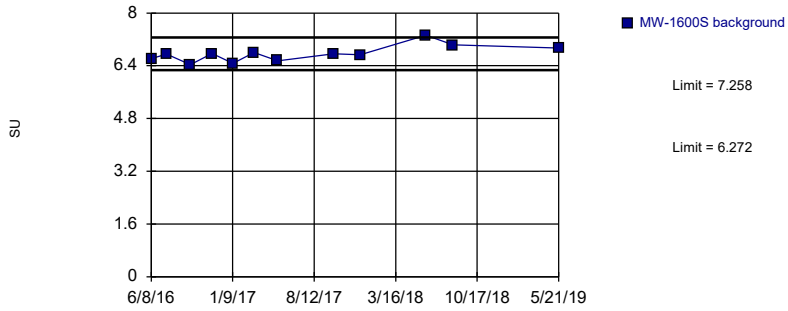
Background Data Summary: Mean=7.195, Std. Dev.=0.1899, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9631, critical = 0.781. Kappa = 2.13 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1600S (bg)



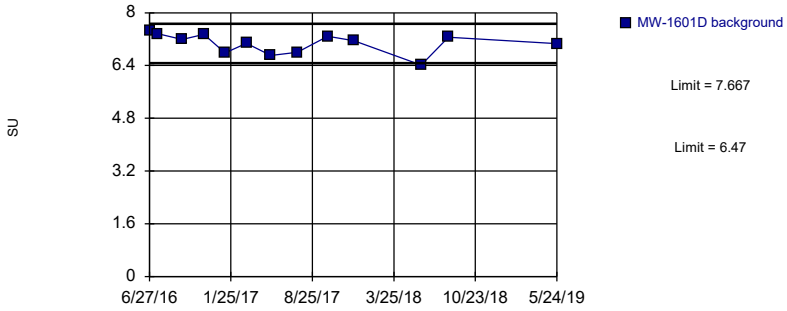
Background Data Summary: Mean=6.765, Std. Dev.=0.2503, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9355, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1601D (bg)



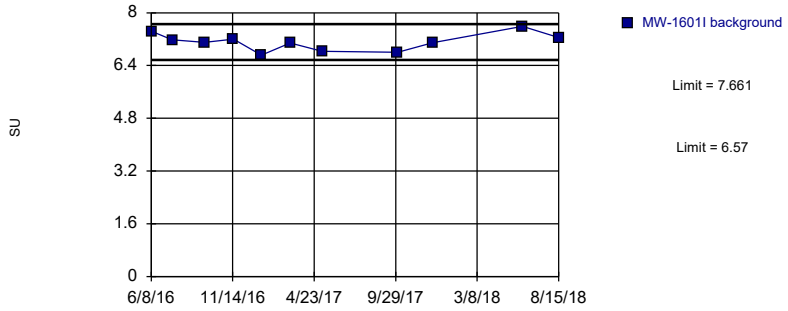
Background Data Summary: Mean=7.068, Std. Dev.=0.3106, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9293, critical = 0.814. Kappa = 1.927 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1601I (bg)

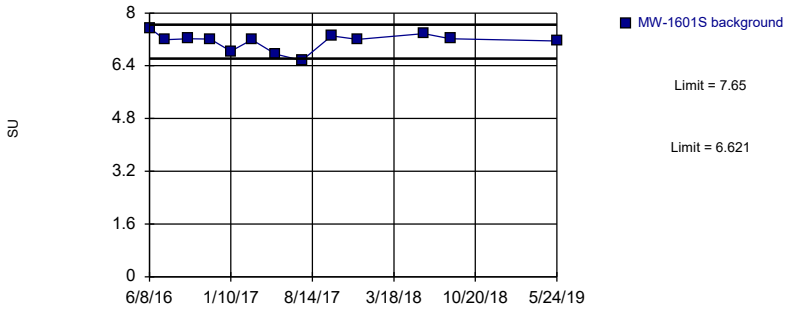


Background Data Summary: Mean=7.115, Std. Dev.=0.266, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9583, critical = 0.792. Kappa = 2.05 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1601S (bg)



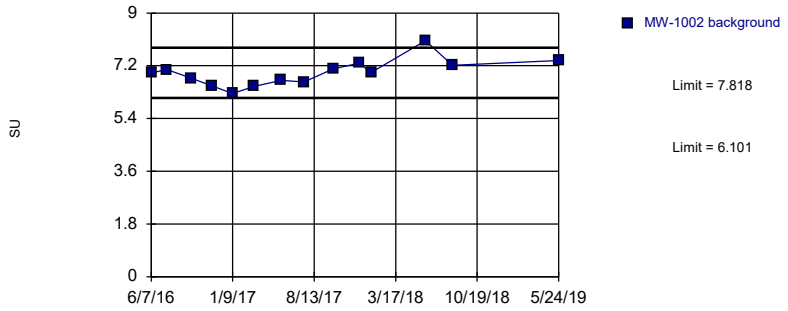
Background Data Summary: Mean=7.135, Std. Dev.=0.2669, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8784, critical = 0.814. Kappa = 1.927 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1002



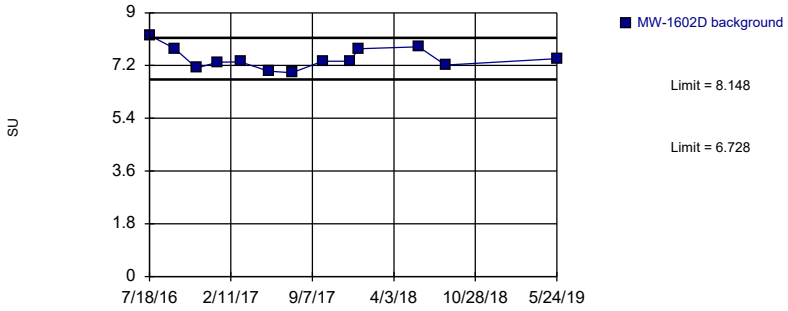
Background Data Summary: Mean=6.959, Std. Dev.=0.4557, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9546, critical = 0.825. Kappa = 1.884 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1602D



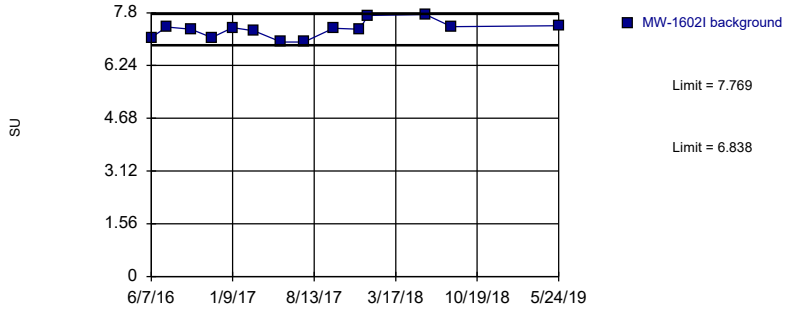
Background Data Summary: Mean=7.438, Std. Dev.=0.3685, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9273, critical = 0.814. Kappa = 1.927 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1602I

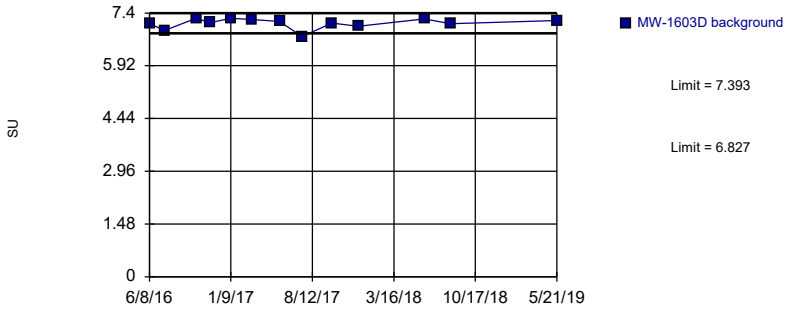


Background Data Summary: Mean=7.304, Std. Dev.=0.2471, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9201, critical = 0.825. Kappa = 1.884 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1603D



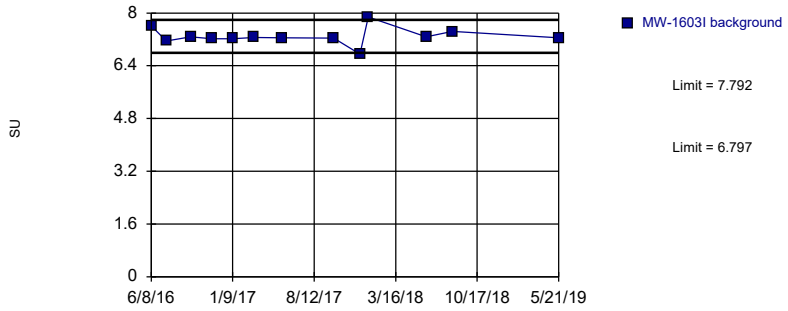
Background Data Summary: Mean=7.11, Std. Dev.=0.1468, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8438, critical = 0.814. Kappa = 1.927 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1603I



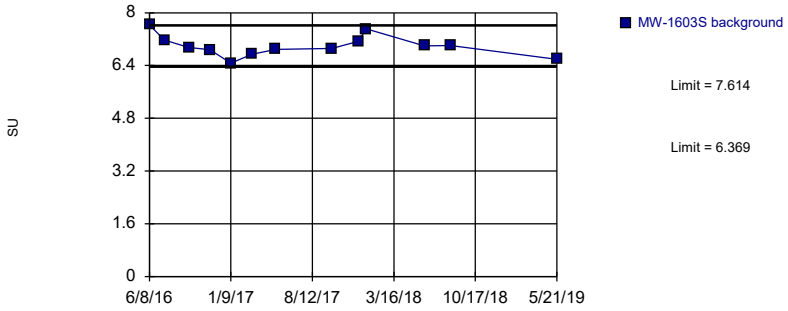
Background Data Summary: Mean=7.295, Std. Dev.=0.2583, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8539, critical = 0.814. Kappa = 1.927 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1603S



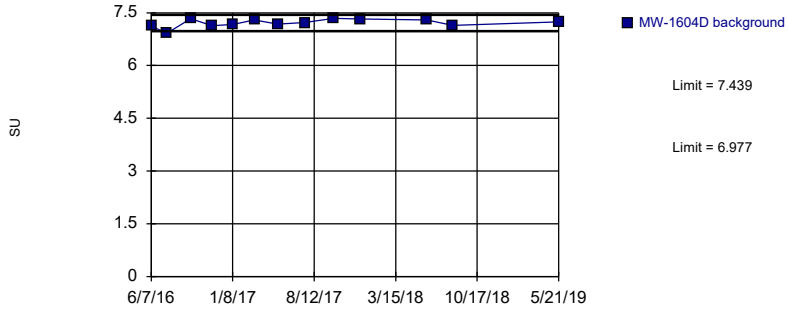
Background Data Summary: Mean=6.992, Std. Dev.=0.3233, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.95, critical = 0.814. Kappa = 1.927 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1604D

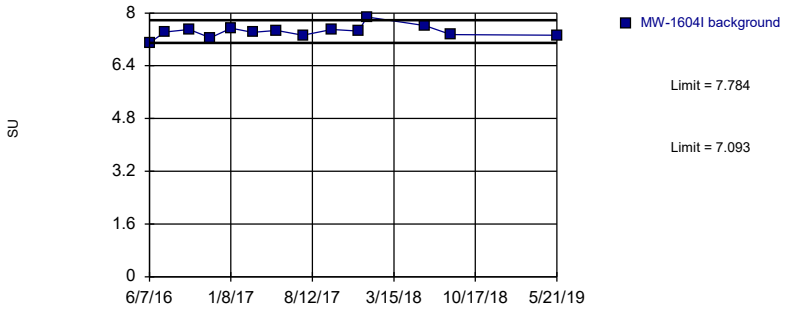


Background Data Summary: Mean=7.208, Std. Dev.=0.1199, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8863, critical = 0.814. Kappa = 1.927 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1604I



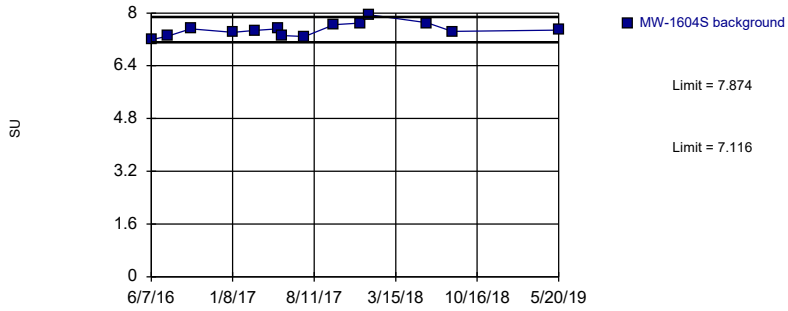
Background Data Summary: Mean=7.439, Std. Dev.=0.1832, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9492, critical = 0.825. Kappa = 1.884 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1604S



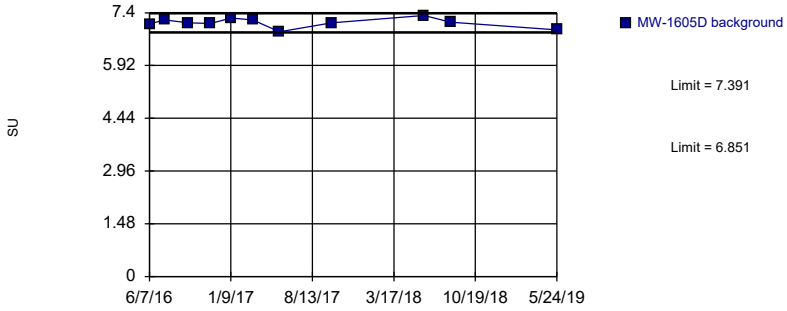
Background Data Summary: Mean=7.495, Std. Dev.=0.2014, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9569, critical = 0.825. Kappa = 1.884 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1605D



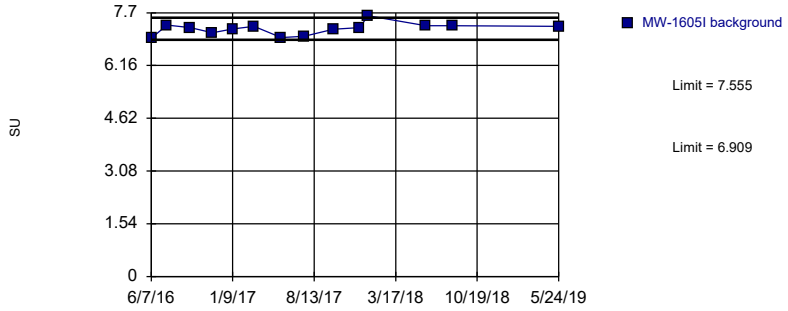
Background Data Summary: Mean=7.121, Std. Dev.=0.1319, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9292, critical = 0.792. Kappa = 2.05 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1605I

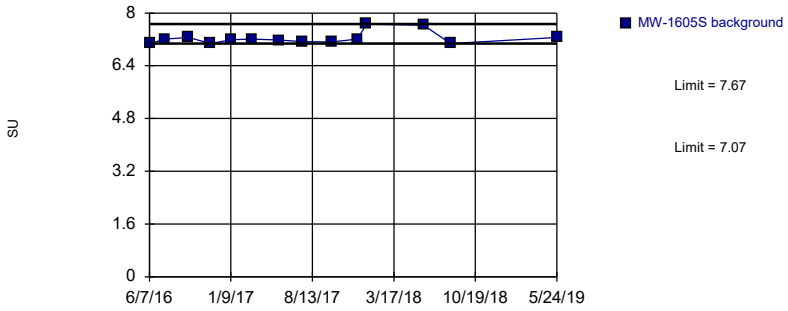


Background Data Summary: Mean=7.232, Std. Dev.=0.1713, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9062, critical = 0.825. Kappa = 1.884 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Non-parametric, MW-1605S



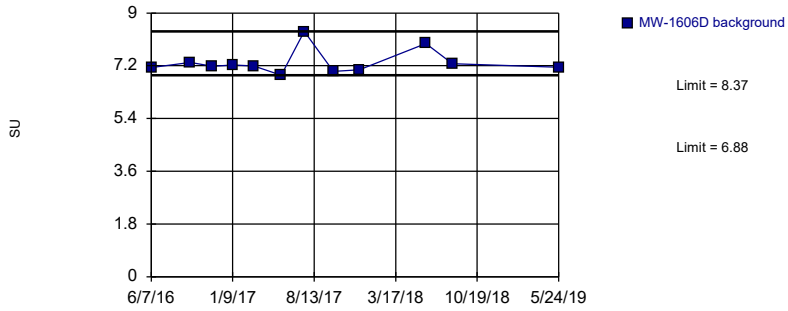
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 14 background values. Well-constituent pair annual alpha = 0.006393. Individual comparison alpha = 0.003199 (1 of 3). Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Non-parametric, MW-1606D



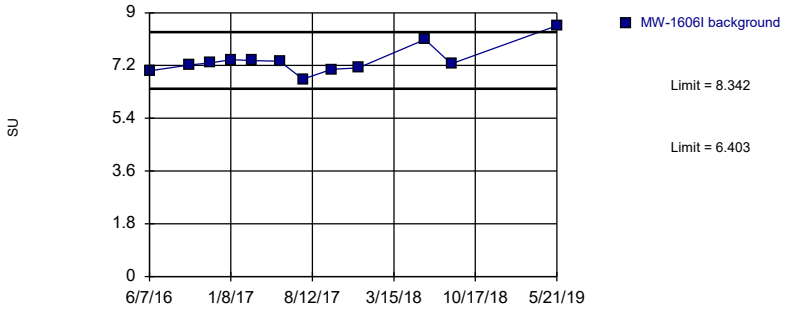
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 12 background values. Well-constituent pair annual alpha = 0.008684. Individual comparison alpha = 0.004347 (1 of 3). Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1606I



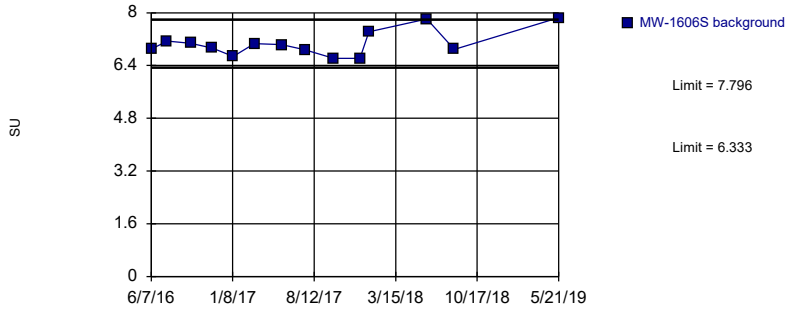
Background Data Summary: Mean=7.373, Std. Dev.=0.4922, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8317, critical = 0.805. Kappa = 1.97 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1606S

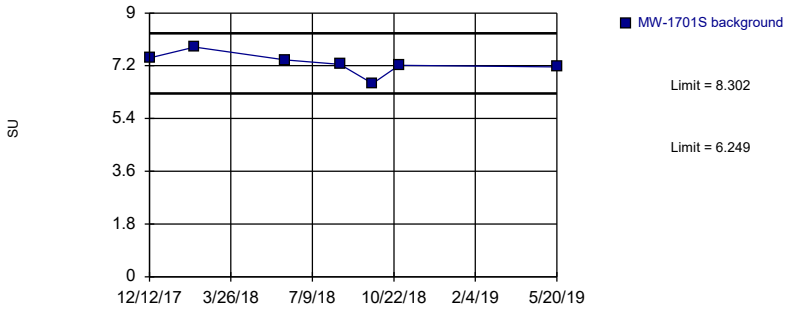


Background Data Summary: Mean=7.064, Std. Dev.=0.3882, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8707, critical = 0.825. Kappa = 1.884 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1701S (bg)



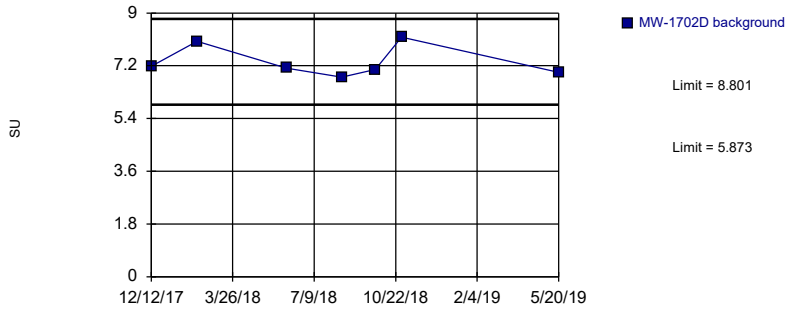
Background Data Summary: Mean=7.276, Std. Dev.=0.3784, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1702D (bg)



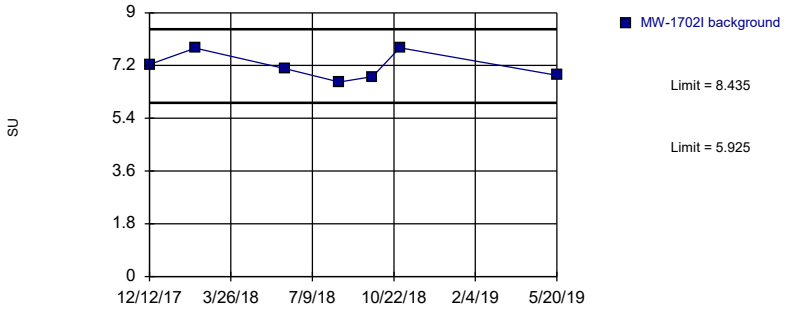
Background Data Summary: Mean=7.337, Std. Dev.=0.5395, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8117, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1702I (bg)



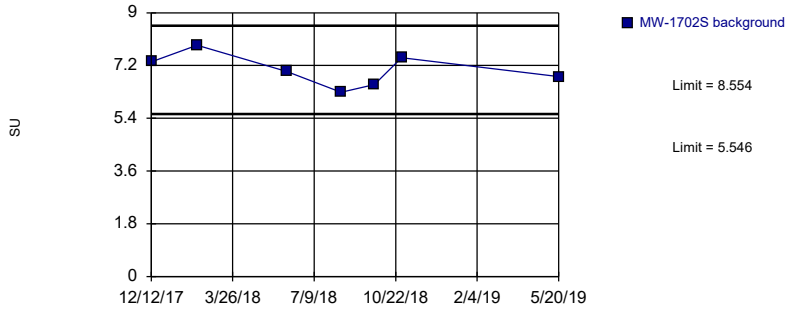
Background Data Summary: Mean=7.18, Std. Dev.=0.4626, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8899, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1702S (bg)

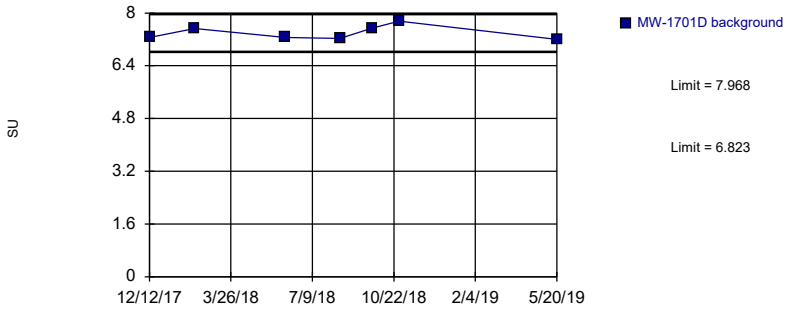


Background Data Summary: Mean=7.05, Std. Dev.=0.5543, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9851, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Prediction Limit

Intrawell Parametric, MW-1701D (bg)



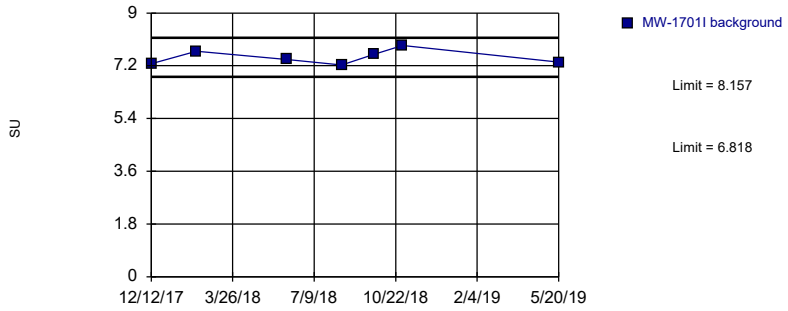
Background Data Summary: Mean=7.396, Std. Dev.=0.2109, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8437, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.23e Sanitas software utilized by Groundwater Stats Consulting. UG

Prediction Limit

Intrawell Parametric, MW-1701I (bg)



Background Data Summary: Mean=7.487, Std. Dev.=0.2468, n=7. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9193, critical = 0.73. Kappa = 2.713 (c=7, w=15, 1 of 3, event alpha = 0.05132). Report alpha = 0.0005016. Assumes 1 future value.

Constituent: pH, field Analysis Run 12/8/2019 2:13 PM View: PL's - Intrawell
Rockport BAP Client: Geosyntec Data: Rockport_BAP

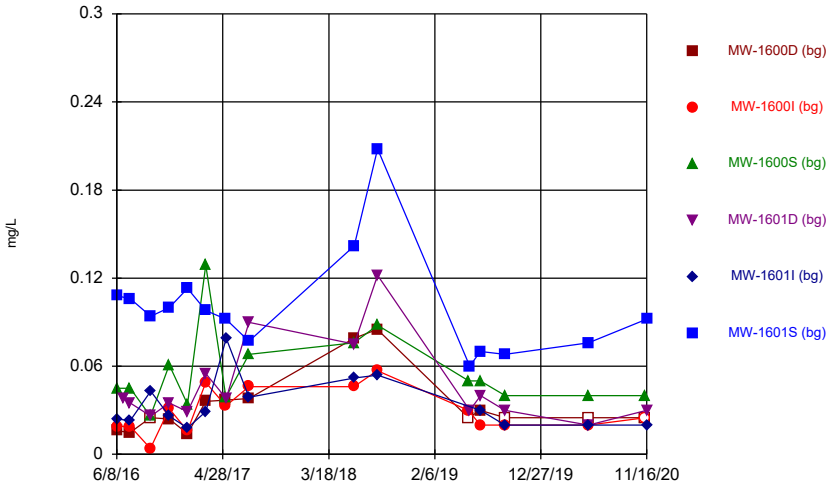
Interwell Prediction Limits

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 3/2/2021, 10:54 AM

Constituent	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	0.208	155	n/a	n/a	12.26	n/a	n/a	0.00008201	NP Inter (normality) 1 of 2
Chloride, total (mg/L)	46.4	155	n/a	n/a	0	n/a	n/a	0.00008201	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	0.7	167	n/a	n/a	0	n/a	n/a	0.00007074	NP Inter (normality) 1 of 2
Sulfate, total (mg/L)	76	155	n/a	n/a	0	n/a	n/a	0.00008201	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	469.1	153	151556	33623	0	None	x^2	0.0005016	Param Inter 1 of 2

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

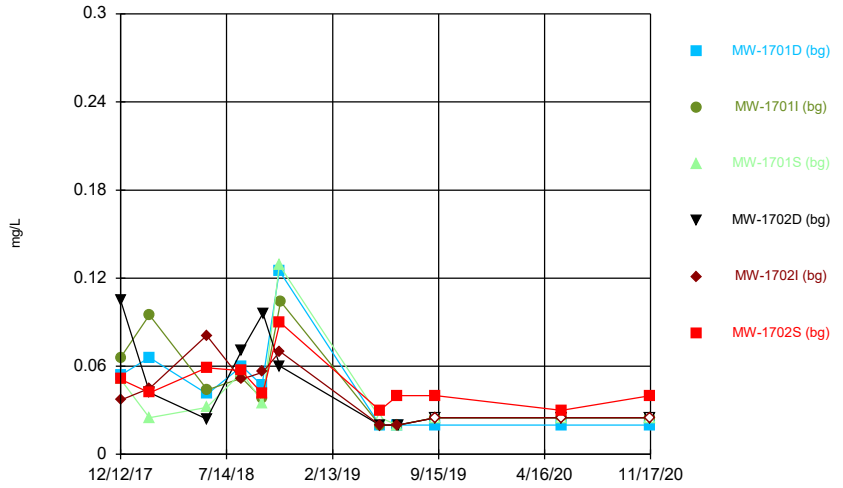
Time Series



Constituent: Boron, total Analysis Run 3/2/2021 10:52 AM View: Upgradient wells
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

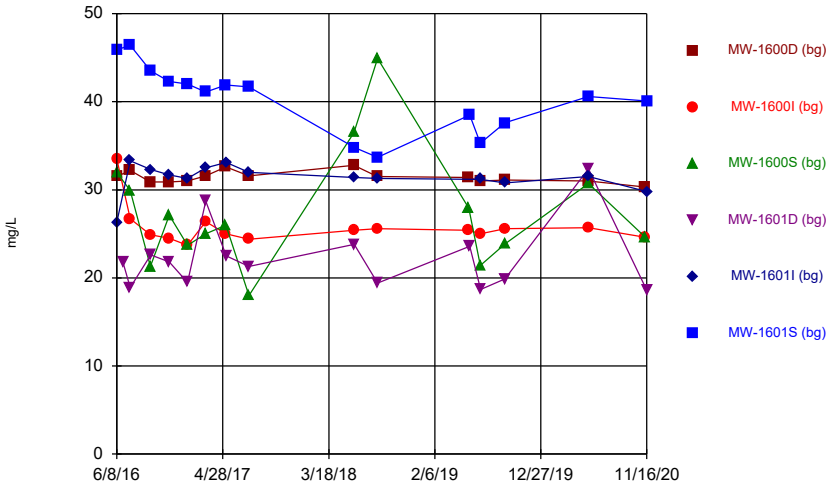
Time Series



Constituent: Boron, total Analysis Run 3/2/2021 10:52 AM View: Upgradient wells
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

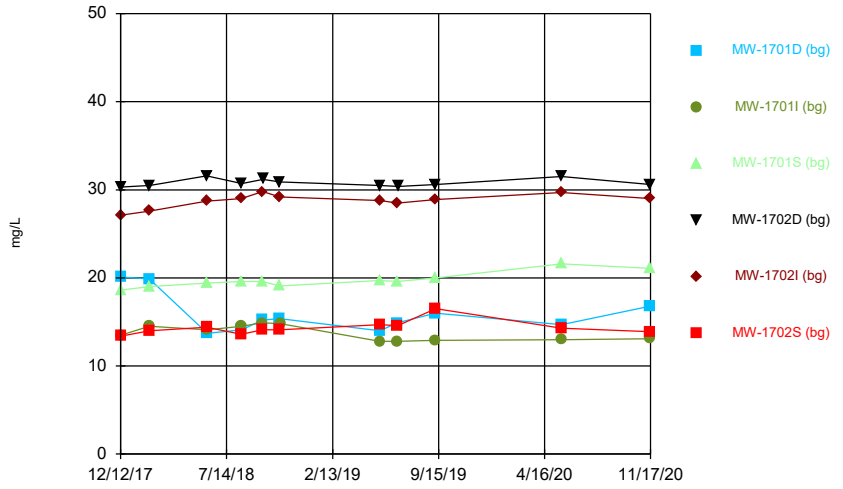
Time Series



Constituent: Chloride, total Analysis Run 3/2/2021 10:52 AM View: Upgradient wells
Rockport BAP Client: Geosyntec Data: Rockport_BAP

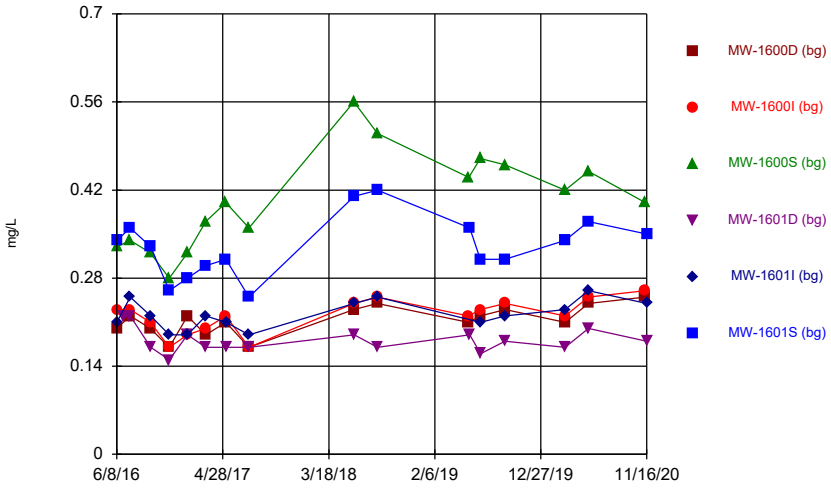
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series



Constituent: Chloride, total Analysis Run 3/2/2021 10:52 AM View: Upgradient wells
Rockport BAP Client: Geosyntec Data: Rockport_BAP

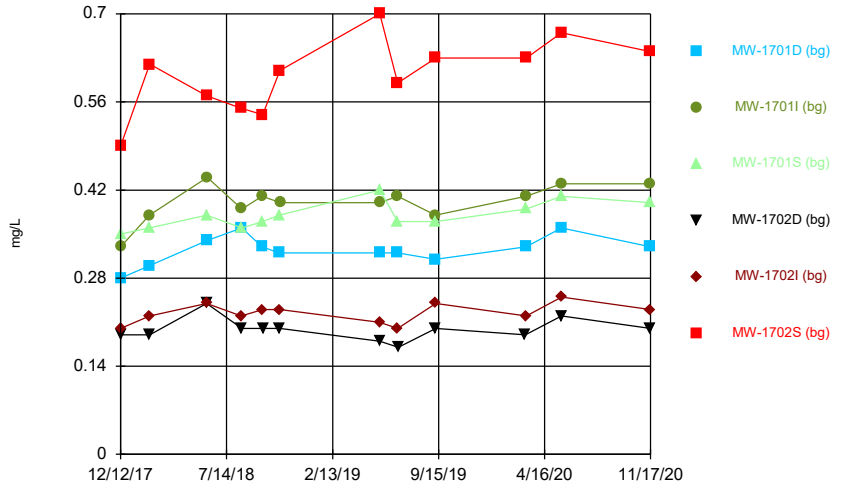
Time Series



Constituent: Fluoride, total Analysis Run 3/2/2021 10:52 AM View: Upgradient wells
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

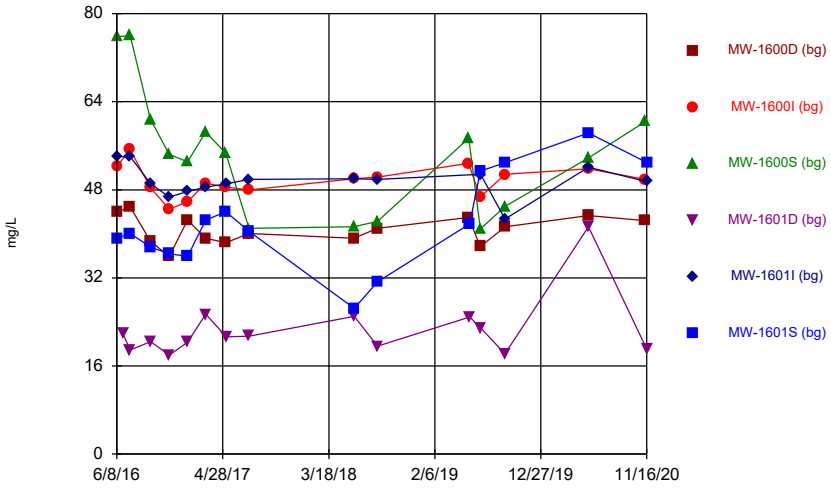
Time Series



Constituent: Fluoride, total Analysis Run 3/2/2021 10:52 AM View: Upgradient wells
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

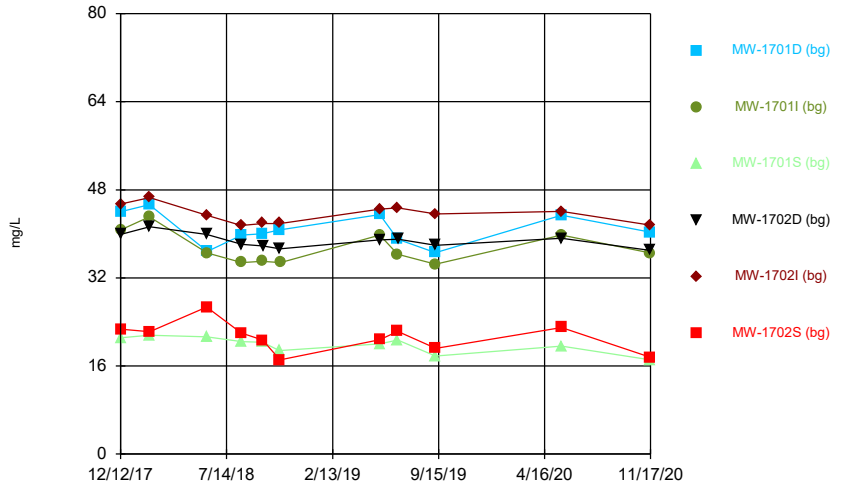
Time Series



Constituent: Sulfate, total Analysis Run 3/2/2021 10:52 AM View: Upgradient wells
Rockport BAP Client: Geosyntec Data: Rockport_BAP

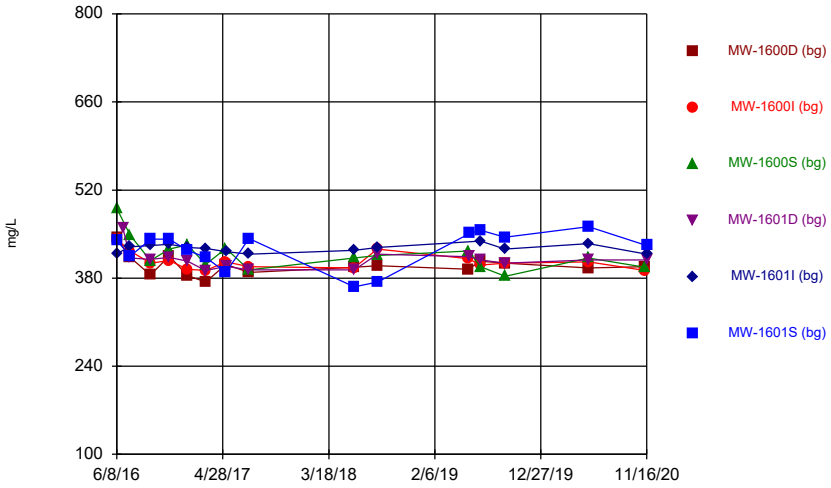
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series



Constituent: Sulfate, total Analysis Run 3/2/2021 10:52 AM View: Upgradient wells
Rockport BAP Client: Geosyntec Data: Rockport_BAP

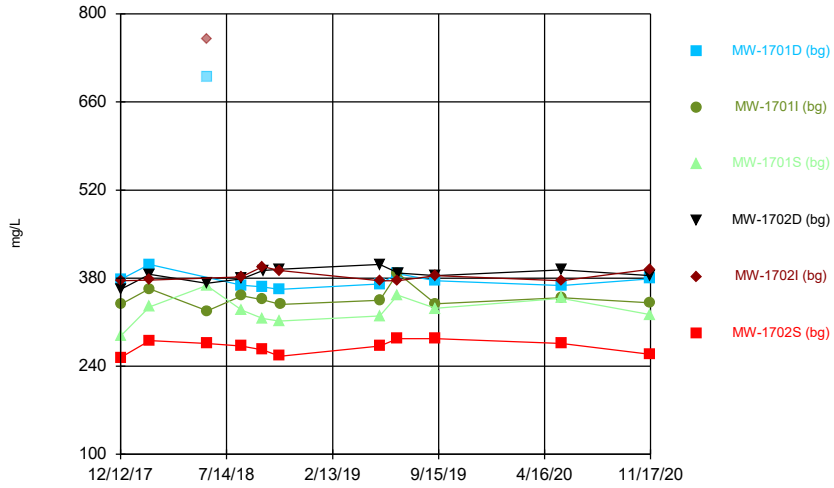
Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 3/2/2021 10:52 AM View: Upgradient wells
Rockport BAP Client: Geosyntec Data: Rockport_BAP

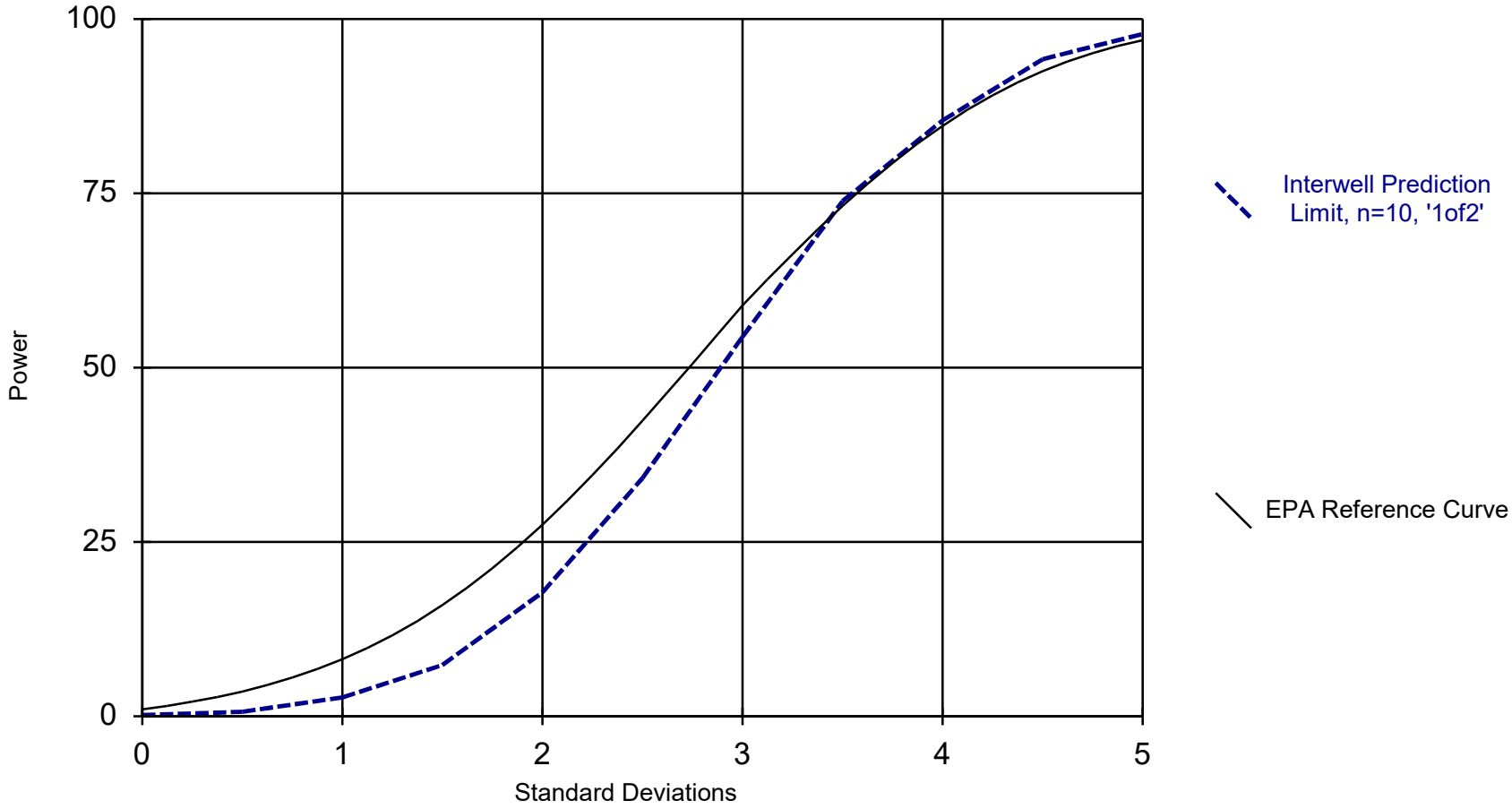
Sanitas™ v.9.6.27b Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 3/2/2021 10:52 AM View: Upgradient wells
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Interwell Power Curve



Kappa = 2.89, based on 15 compliance wells and 7 constituents, evaluated semi-annually (this report reflects annual total).

Analysis Run 3/2/2021 11:32 AM View: PLs - Intrawell

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Upper Tolerance Limits

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 1/29/2021, 7:36 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, total (mg/L)	n/a	0.00044	n/a	n/a	n/a	167	28.14	n/a	0.000...	NP Inter(normality)
Arsenic, total (mg/L)	n/a	0.0675	n/a	n/a	n/a	167	0	n/a	0.000...	NP Inter(normality)
Barium, total (mg/L)	n/a	0.997	n/a	n/a	n/a	167	0	n/a	0.000...	NP Inter(normality)
Beryllium, total (mg/L)	n/a	0.0001	n/a	n/a	n/a	167	78.44	n/a	0.000...	NP Inter(NDs)
Cadmium, total (mg/L)	n/a	0.00028	n/a	n/a	n/a	167	38.92	n/a	0.000...	NP Inter(normality)
Chromium, total (mg/L)	n/a	0.00158	n/a	n/a	n/a	166	2.41	n/a	0.000...	NP Inter(normality)
Cobalt, total (mg/L)	n/a	0.00334	n/a	n/a	n/a	167	1.198	n/a	0.000...	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	n/a	2.47	n/a	n/a	n/a	166	0	No	0.05	Inter
Fluoride, total (mg/L)	n/a	0.7	n/a	n/a	n/a	167	0	n/a	0.000...	NP Inter(normality)
Lead, total (mg/L)	n/a	0.00154	n/a	n/a	n/a	167	23.35	n/a	0.000...	NP Inter(normality)
Lithium, total (mg/L)	n/a	0.038	n/a	n/a	n/a	167	13.17	n/a	0.000...	NP Inter(normality)
Mercury, total (mg/L)	n/a	0.000005	n/a	n/a	n/a	143	90.21	n/a	0.000...	NP Inter(NDs)
Molybdenum, total (mg/L)	n/a	0.00867	n/a	n/a	n/a	163	0.6135	n/a	0.000...	NP Inter(normality)
Selenium, total (mg/L)	n/a	0.0038	n/a	n/a	n/a	166	37.35	n/a	0.000...	NP Inter(normality)
Thallium, total (mg/L)	n/a	0.0005	n/a	n/a	n/a	161	59.01	n/a	0.000...	NP Inter(normality)

ROCKPORT BAP GWPS				
Constituent Name	**MCL**	**CCR Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.00044	0.006
Arsenic, Total (mg/L)	0.01		0.068	0.068
Barium, Total (mg/L)	2		0.1	2
Beryllium, Total (mg/L)	0.004		0.0001	0.004
Cadmium, Total (mg/L)	0.005		0.00028	0.005
Chromium, Total (mg/L)	0.1		0.0016	0.1
Cobalt, Total (mg/L)		0.006	0.0033	0.006
Combined Radium, Total (pCi/L)	5		2.47	5
Fluoride, Total (mg/L)	4		0.7	4
Lead, Total (mg/L)		0.015	0.0015	0.015
Lithium, Total (mg/L)		0.04	0.038	0.04
Mercury, Total (mg/L)	0.002		0.000005	0.002
Molybdenum, Total (mg/L)		0.1	0.0087	0.1
Selenium, Total (mg/L)	0.05		0.0038	0.05
Thallium, Total (mg/L)	0.002		0.0005	0.002

**Grey cell indicates background is higher than MCL or CCR Rule Specified Level*

**MCL = Maximum Contaminant Level*

**CCR = Coal Combustion Residual*

**GWPS = Groundwater Protection Standard*

Confidence Interval - All Results (No Significant)

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 1/29/2021, 7:58 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Antimony, total (mg/L)	MW-1002	0.00006	0.00004	0.006	No	16	6.25	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1602D	0.0001	0.00001	0.006	No	16	25	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1602I	0.00006712	0.0000279	0.006	No	16	6.25	x^(1/3)	0.01	Param.
Antimony, total (mg/L)	MW-1603D	0.0001	0.00001	0.006	No	16	37.5	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1603I	0.0001	0.00003	0.006	No	16	6.25	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1603S	0.00006	0.00003	0.006	No	16	6.25	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1604D	0.0001	0.00001	0.006	No	16	37.5	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1604I	0.00006	0.00002	0.006	No	16	6.25	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1604S	0.00007	0.00005	0.006	No	16	0	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1605D	0.0001	0.00001	0.006	No	16	31.25	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1605I	0.00006809	0.00003239	0.006	No	16	12.5	ln(x)	0.01	Param.
Antimony, total (mg/L)	MW-1605S	0.0001	0.00004	0.006	No	16	0	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1606D	0.0001	0.00002	0.006	No	16	43.75	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1606I	0.0001	0.00002	0.006	No	16	31.25	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1606S	0.00007724	0.00004202	0.006	No	16	12.5	sqrt(x)	0.01	Param.
Arsenic, total (mg/L)	MW-1002	0.00029	0.00021	0.068	No	16	0	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1602D	0.009375	0.008345	0.068	No	16	0	No	0.01	Param.
Arsenic, total (mg/L)	MW-1602I	0.02855	0.02004	0.068	No	16	0	No	0.01	Param.
Arsenic, total (mg/L)	MW-1603D	0.01278	0.01126	0.068	No	16	0	No	0.01	Param.
Arsenic, total (mg/L)	MW-1603I	0.0132	0.0124	0.068	No	16	0	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1603S	0.0002499	0.0001647	0.068	No	16	0	sqrt(x)	0.01	Param.
Arsenic, total (mg/L)	MW-1604D	0.0183	0.0166	0.068	No	16	0	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1604I	0.0212	0.0185	0.068	No	16	0	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1604S	0.00041	0.00018	0.068	No	16	0	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1605D	0.01988	0.01755	0.068	No	16	0	No	0.01	Param.
Arsenic, total (mg/L)	MW-1605I	0.0262	0.0178	0.068	No	16	0	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1605S	0.00157	0.00039	0.068	No	16	0	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1606D	0.01669	0.01408	0.068	No	16	0	No	0.01	Param.
Arsenic, total (mg/L)	MW-1606I	0.008066	0.004983	0.068	No	16	0	No	0.01	Param.
Arsenic, total (mg/L)	MW-1606S	0.00032	0.00019	0.068	No	16	0	No	0.01	NP (normality)
Barium, total (mg/L)	MW-1002	0.02219	0.01455	2	No	16	0	x^(1/3)	0.01	Param.
Barium, total (mg/L)	MW-1602D	0.4826	0.4152	2	No	16	0	No	0.01	Param.
Barium, total (mg/L)	MW-1602I	0.1323	0.1201	2	No	16	0	No	0.01	Param.
Barium, total (mg/L)	MW-1603D	0.1168	0.1094	2	No	16	0	No	0.01	Param.
Barium, total (mg/L)	MW-1603I	0.0895	0.0803	2	No	16	0	No	0.01	NP (normality)
Barium, total (mg/L)	MW-1603S	0.01627	0.01138	2	No	16	0	No	0.01	Param.
Barium, total (mg/L)	MW-1604D	0.2532	0.2341	2	No	16	0	No	0.01	Param.
Barium, total (mg/L)	MW-1604I	0.1286	0.1101	2	No	16	0	No	0.01	Param.
Barium, total (mg/L)	MW-1604S	0.0207	0.0129	2	No	16	0	No	0.01	NP (normality)
Barium, total (mg/L)	MW-1605D	0.4579	0.4105	2	No	16	0	No	0.01	Param.
Barium, total (mg/L)	MW-1605I	0.1621	0.1427	2	No	16	0	No	0.01	Param.
Barium, total (mg/L)	MW-1605S	0.01052	0.007715	2	No	16	0	x^(1/3)	0.01	Param.
Barium, total (mg/L)	MW-1606D	0.4404	0.3836	2	No	16	0	No	0.01	Param.
Barium, total (mg/L)	MW-1606I	0.06901	0.05313	2	No	16	0	No	0.01	Param.
Barium, total (mg/L)	MW-1606S	0.01381	0.01081	2	No	16	0	No	0.01	Param.
Beryllium, total (mg/L)	MW-1002	0.0001	0.00002	0.004	No	16	81.25	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1602D	0.0001	0.000008	0.004	No	16	56.25	No	0.01	NP (normality)
Beryllium, total (mg/L)	MW-1602I	0.0001	0.00001	0.004	No	16	68.75	No	0.01	NP (normality)
Beryllium, total (mg/L)	MW-1603D	0.0001	0.000049	0.004	No	16	81.25	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1603I	0.0001	0.00003	0.004	No	16	81.25	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1603S	0.0001	0.00002	0.004	No	16	75	No	0.01	NP (normality)
Beryllium, total (mg/L)	MW-1604D	0.0001	0.00002	0.004	No	16	87.5	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1604I	0.0001	0.00002	0.004	No	16	87.5	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1604S	0.0001	0.00002	0.004	No	16	75	No	0.01	NP (normality)
Beryllium, total (mg/L)	MW-1605D	0.0001	0.00002	0.004	No	16	87.5	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1605I	0.0001	0.00002	0.004	No	16	81.25	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1605S	0.0001	0.00002	0.004	No	16	68.75	No	0.01	NP (normality)
Beryllium, total (mg/L)	MW-1606D	0.0001	0.00001	0.004	No	16	62.5	No	0.01	NP (normality)
Beryllium, total (mg/L)	MW-1606I	0.0001	0.00002	0.004	No	16	87.5	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1606S	0.0001	0.00001	0.004	No	16	62.5	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1002	0.00005	0.00002	0.005	No	16	0	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1602D	0.00007	0.00002	0.005	No	16	68.75	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1602I	0.00005	0.000006	0.005	No	16	50	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1603D	0.00005	0.00001	0.005	No	16	68.75	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1603I	0.00005	0.00001	0.005	No	16	68.75	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1603S	0.00003	0.00001	0.005	No	16	6.25	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1604D	0.00005	0.00002	0.005	No	16	81.25	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1604I	0.00012	0.00002	0.005	No	16	75	No	0.01	NP (normality)

Confidence Interval - All Results (No Significant)

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 1/29/2021, 7:58 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Cadmium, total (mg/L)	MW-1604S	0.00003	0.00001	0.005	No	16	0	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1605D	0.00005	0.00002	0.005	No	16	87.5	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1605I	0.00005	0.00002	0.005	No	16	75	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1605S	0.00005	0.00003	0.005	No	16	0	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1606D	0.00005	0.00002	0.005	No	16	81.25	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1606I	0.00005	0.00001	0.005	No	16	75	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1606S	0.0000394	0.00002146	0.005	No	16	0	sqrt(x)	0.01	Param.
Chromium, total (mg/L)	MW-1002	0.0002689	0.00008944	0.1	No	16	6.25	x^(1/3)	0.01	Param.
Chromium, total (mg/L)	MW-1602D	0.0004885	0.0001671	0.1	No	16	0	sqrt(x)	0.01	Param.
Chromium, total (mg/L)	MW-1602I	0.0002783	0.000128	0.1	No	16	6.25	sqrt(x)	0.01	Param.
Chromium, total (mg/L)	MW-1603D	0.0002231	0.0001097	0.1	No	15	0	No	0.01	Param.
Chromium, total (mg/L)	MW-1603I	0.000743	0.000081	0.1	No	16	0	No	0.01	NP (normality)
Chromium, total (mg/L)	MW-1603S	0.0003517	0.0001287	0.1	No	16	0	No	0.01	Param.
Chromium, total (mg/L)	MW-1604D	0.0001692	0.00008233	0.1	No	16	0	No	0.01	Param.
Chromium, total (mg/L)	MW-1604I	0.0002138	0.00008336	0.1	No	16	0	ln(x)	0.01	Param.
Chromium, total (mg/L)	MW-1604S	0.0002828	0.000103	0.1	No	16	0	ln(x)	0.01	Param.
Chromium, total (mg/L)	MW-1605D	0.000285	0.0001217	0.1	No	16	0	sqrt(x)	0.01	Param.
Chromium, total (mg/L)	MW-1605I	0.000227	0.000091	0.1	No	16	6.25	No	0.01	NP (normality)
Chromium, total (mg/L)	MW-1605S	0.000529	0.0001485	0.1	No	16	0	x^(1/3)	0.01	Param.
Chromium, total (mg/L)	MW-1606D	0.0002522	0.00008638	0.1	No	16	0	x^(1/3)	0.01	Param.
Chromium, total (mg/L)	MW-1606I	0.0001897	0.0000824	0.1	No	16	12.5	ln(x)	0.01	Param.
Chromium, total (mg/L)	MW-1606S	0.000398	0.0001332	0.1	No	16	6.25	ln(x)	0.01	Param.
Cobalt, total (mg/L)	MW-1002	0.000771	0.0005774	0.006	No	16	0	No	0.01	Param.
Cobalt, total (mg/L)	MW-1602D	0.0002233	0.00008782	0.006	No	16	0	ln(x)	0.01	Param.
Cobalt, total (mg/L)	MW-1602I	0.00175	0.00134	0.006	No	16	0	No	0.01	NP (normality)
Cobalt, total (mg/L)	MW-1603D	0.0013	0.000291	0.006	No	16	0	No	0.01	NP (normality)
Cobalt, total (mg/L)	MW-1603I	0.001374	0.001223	0.006	No	16	0	No	0.01	Param.
Cobalt, total (mg/L)	MW-1603S	0.0004973	0.0001937	0.006	No	16	0	No	0.01	Param.
Cobalt, total (mg/L)	MW-1604D	0.000091	0.000051	0.006	No	16	0	No	0.01	NP (normality)
Cobalt, total (mg/L)	MW-1604I	0.0008949	0.0007373	0.006	No	16	0	No	0.01	Param.
Cobalt, total (mg/L)	MW-1604S	0.000548	0.000297	0.006	No	16	0	No	0.01	NP (normality)
Cobalt, total (mg/L)	MW-1605D	0.0001505	0.00008341	0.006	No	16	0	ln(x)	0.01	Param.
Cobalt, total (mg/L)	MW-1605I	0.001572	0.001318	0.006	No	16	0	No	0.01	Param.
Cobalt, total (mg/L)	MW-1605S	0.00211	0.000321	0.006	No	16	0	No	0.01	NP (normality)
Cobalt, total (mg/L)	MW-1606D	0.0001115	0.00006768	0.006	No	15	0	No	0.01	Param.
Cobalt, total (mg/L)	MW-1606I	0.001466	0.0009751	0.006	No	16	0	No	0.01	Param.
Cobalt, total (mg/L)	MW-1606S	0.000363	0.00005	0.006	No	16	6.25	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-1002	1.317	0.4296	5	No	16	0	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1602D	1.898	0.8728	5	No	16	0	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1602I	1.263	0.7931	5	No	16	0	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1603D	1.312	0.7694	5	No	16	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1603I	1.746	0.9657	5	No	16	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1603S	1.098	0.3896	5	No	16	0	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1604D	1.219	0.6315	5	No	16	0	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1604I	1.284	0.8008	5	No	16	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1604S	0.9541	0.4179	5	No	16	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1605D	1.59	0.9279	5	No	16	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1605I	1.986	1.415	5	No	16	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1605S	1.084	0.2397	5	No	16	0	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1606D	1.358	0.6755	5	No	16	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1606I	1.286	0.663	5	No	16	0	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-1606S	1.12	0.3349	5	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1002	1.01	0.8258	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1602D	0.3397	0.3053	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1602I	0.3022	0.274	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1603D	0.3057	0.2755	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1603I	0.4452	0.3998	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1603S	0.6495	0.418	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1604D	0.2811	0.2514	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1604I	0.3575	0.315	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1604S	1.05	0.83	4	No	16	0	No	0.01	NP (normality)
Fluoride, total (mg/L)	MW-1605D	0.2239	0.1923	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1605I	0.2162	0.1785	4	No	16	0	x^2	0.01	Param.
Fluoride, total (mg/L)	MW-1605S	0.5805	0.507	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1606D	0.1986	0.1739	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1606I	0.2047	0.1816	4	No	16	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-1606S	0.5126	0.4024	4	No	16	0	No	0.01	Param.
Lead, total (mg/L)	MW-1002	0.0002	0.000022	0.015	No	16	31.25	No	0.01	NP (normality)

Confidence Interval - All Results (No Significant)

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 1/29/2021, 7:58 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Lead, total (mg/L)	MW-1602D	0.0002	0.000022	0.015	No	16	18.75	No	0.01	NP (Cohens/xfrm)
Lead, total (mg/L)	MW-1602I	0.0002033	0.00007031	0.015	No	16	12.5	sqrt(x)	0.01	Param.
Lead, total (mg/L)	MW-1603D	0.0002	0.00002	0.015	No	15	26.67	No	0.01	NP (Cohens/xfrm)
Lead, total (mg/L)	MW-1603I	0.000312	0.000021	0.015	No	16	18.75	No	0.01	NP (Cohens/xfrm)
Lead, total (mg/L)	MW-1603S	0.0002	0.000037	0.015	No	16	37.5	No	0.01	NP (Cohens/xfrm)
Lead, total (mg/L)	MW-1604D	0.0002	0.00002	0.015	No	16	25	No	0.01	NP (Cohens/xfrm)
Lead, total (mg/L)	MW-1604I	0.0002	0.00001	0.015	No	16	37.5	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1604S	0.0002	0.000027	0.015	No	15	26.67	No	0.01	NP (Cohens/xfrm)
Lead, total (mg/L)	MW-1605D	0.0002	0.000035	0.015	No	16	37.5	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1605I	0.0001608	0.00007287	0.015	No	16	12.5	No	0.01	Param.
Lead, total (mg/L)	MW-1605S	0.00092	0.000021	0.015	No	16	6.25	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1606D	0.0002	0.00002	0.015	No	16	31.25	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1606I	0.0002	0.000026	0.015	No	16	37.5	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1606S	0.0003228	0.00009418	0.015	No	15	40	No	0.01	Param.
Lithium, total (mg/L)	MW-1002	0.01981	0.004358	0.04	No	16	18.75	No	0.01	Param.
Lithium, total (mg/L)	MW-1602D	0.009287	0.002986	0.04	No	16	6.25	sqrt(x)	0.01	Param.
Lithium, total (mg/L)	MW-1602I	0.01032	0.004973	0.04	No	16	6.25	No	0.01	Param.
Lithium, total (mg/L)	MW-1603D	0.01004	0.004849	0.04	No	16	12.5	No	0.01	Param.
Lithium, total (mg/L)	MW-1603I	0.02079	0.00698	0.04	No	16	18.75	No	0.01	Param.
Lithium, total (mg/L)	MW-1603S	0.013	0.00225	0.04	No	16	18.75	No	0.01	NP (normality)
Lithium, total (mg/L)	MW-1604D	0.015	0.00154	0.04	No	16	25	No	0.01	NP (normality)
Lithium, total (mg/L)	MW-1604I	0.01128	0.006518	0.04	No	16	6.25	No	0.01	Param.
Lithium, total (mg/L)	MW-1604S	0.01338	0.009051	0.04	No	16	6.25	No	0.01	Param.
Lithium, total (mg/L)	MW-1605D	0.007089	0.002746	0.04	No	16	12.5	x^(1/3)	0.01	Param.
Lithium, total (mg/L)	MW-1605I	0.009584	0.005402	0.04	No	16	0	sqrt(x)	0.01	Param.
Lithium, total (mg/L)	MW-1605S	0.01673	0.01208	0.04	No	16	6.25	No	0.01	Param.
Lithium, total (mg/L)	MW-1606D	0.009	0.000651	0.04	No	16	18.75	No	0.01	NP (Cohens/xfrm)
Lithium, total (mg/L)	MW-1606I	0.00938	0.00492	0.04	No	16	6.25	No	0.01	Param.
Lithium, total (mg/L)	MW-1606S	0.0126	0.008911	0.04	No	16	6.25	No	0.01	Param.
Mercury, total (mg/L)	MW-1002	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1602D	0.000005	0.000003	0.002	No	15	86.67	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1602I	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1603D	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1603I	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1603S	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1604D	0.000005	0.000002	0.002	No	15	86.67	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1604I	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1604S	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1605D	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1605I	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1605S	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1606D	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1606I	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1606S	0.000005	0.000005	0.002	No	15	93.33	No	0.01	NP (NDs)
Molybdenum, total (mg/L)	MW-1002	0.00965	0.00254	0.1	No	16	0	No	0.01	NP (normality)
Molybdenum, total (mg/L)	MW-1602D	0.003808	0.003256	0.1	No	16	0	sqrt(x)	0.01	Param.
Molybdenum, total (mg/L)	MW-1602I	0.00242	0.00201	0.1	No	16	0	No	0.01	NP (normality)
Molybdenum, total (mg/L)	MW-1603D	0.005417	0.004137	0.1	No	16	0	sqrt(x)	0.01	Param.
Molybdenum, total (mg/L)	MW-1603I	0.008817	0.006703	0.1	No	16	0	No	0.01	Param.
Molybdenum, total (mg/L)	MW-1603S	0.00136	0.00023	0.1	No	16	25	No	0.01	NP (Cohens/xfrm)
Molybdenum, total (mg/L)	MW-1604D	0.003155	0.002549	0.1	No	16	0	No	0.01	Param.
Molybdenum, total (mg/L)	MW-1604I	0.002792	0.002385	0.1	No	16	0	No	0.01	Param.
Molybdenum, total (mg/L)	MW-1604S	0.003227	0.002052	0.1	No	16	0	x^(1/3)	0.01	Param.
Molybdenum, total (mg/L)	MW-1605D	0.0026	0.00198	0.1	No	15	0	No	0.01	NP (normality)
Molybdenum, total (mg/L)	MW-1605I	0.00139	0.001	0.1	No	15	0	No	0.01	NP (normality)
Molybdenum, total (mg/L)	MW-1605S	0.002113	0.001625	0.1	No	16	0	No	0.01	Param.
Molybdenum, total (mg/L)	MW-1606D	0.00221	0.00185	0.1	No	16	0	No	0.01	NP (normality)
Molybdenum, total (mg/L)	MW-1606I	0.001595	0.001064	0.1	No	15	0	No	0.01	Param.
Molybdenum, total (mg/L)	MW-1606S	0.00156	0.0009	0.1	No	15	0	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1002	0.00009064	0.00006811	0.05	No	16	0	No	0.01	Param.
Selenium, total (mg/L)	MW-1602D	0.0002	0.00003	0.05	No	16	31.25	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1602I	0.0002	0.00004	0.05	No	16	37.5	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1603D	0.0002	0.00004	0.05	No	16	50	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1603I	0.0002	0.00007	0.05	No	16	62.5	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1603S	0.0002765	0.00007578	0.05	No	16	6.25	ln(x)	0.01	Param.
Selenium, total (mg/L)	MW-1604D	0.0002	0.00006	0.05	No	16	75	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1604I	0.0002	0.00005	0.05	No	16	43.75	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1604S	0.0001178	0.00005901	0.05	No	16	0	ln(x)	0.01	Param.

Confidence Interval - All Results (No Significant)

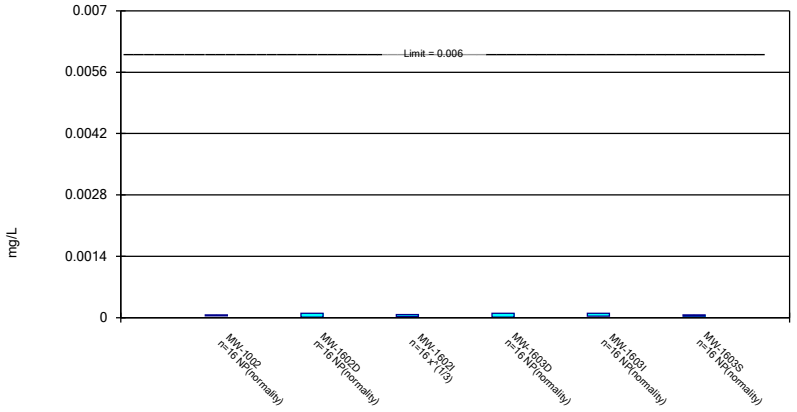
Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 1/29/2021, 7:58 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Selenium, total (mg/L)	MW-1605D	0.0002	0.00004	0.05	No	16	62.5	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1605I	0.0002	0.00004	0.05	No	16	50	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1605S	0.001177	0.0005565	0.05	No	15	0	No	0.01	Param.
Selenium, total (mg/L)	MW-1606D	0.0002	0.00005	0.05	No	16	62.5	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1606I	0.0002	0.00005	0.05	No	16	68.75	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1606S	0.004576	0.003061	0.05	No	16	0	No	0.01	Param.
Thallium, total (mg/L)	MW-1002	0.0005	0.00003	0.002	No	16	37.5	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1602D	0.0005	0.00005	0.002	No	16	75	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1602I	0.0005	0.00002	0.002	No	16	43.75	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1603D	0.0005	0.00003	0.002	No	16	62.5	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1603I	0.0005	0.00003	0.002	No	16	37.5	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1603S	0.0005	0.00002	0.002	No	16	37.5	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1604D	0.0005	0.00005	0.002	No	16	75	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1604I	0.0005	0.00002	0.002	No	16	37.5	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1604S	0.0005	0.00003	0.002	No	16	37.5	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1605D	0.0005	0.00005	0.002	No	16	81.25	No	0.01	NP (NDs)
Thallium, total (mg/L)	MW-1605I	0.0005	0.00003	0.002	No	16	37.5	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1605S	0.0005	0.00002	0.002	No	16	31.25	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1606D	0.0005	0.00005	0.002	No	16	75	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1606I	0.0005	0.00003	0.002	No	16	37.5	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1606S	0.0005	0.00002	0.002	No	16	43.75	No	0.01	NP (normality)

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



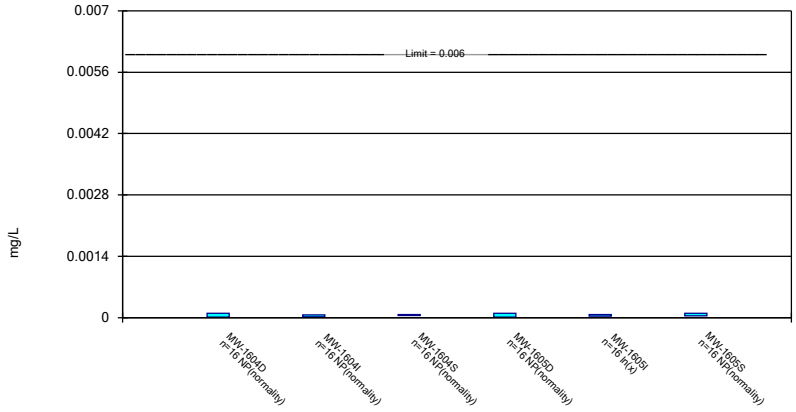
Constituent: Antimony, total Analysis Run 1/29/2021 7:56 PM View: UTLs

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



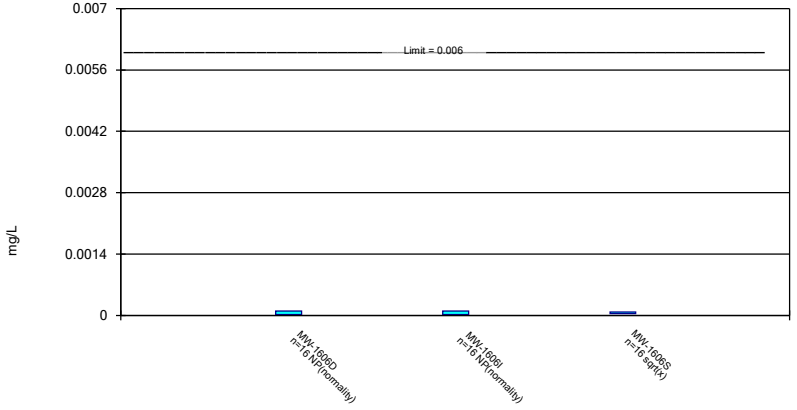
Constituent: Antimony, total Analysis Run 1/29/2021 7:56 PM View: UTLs

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



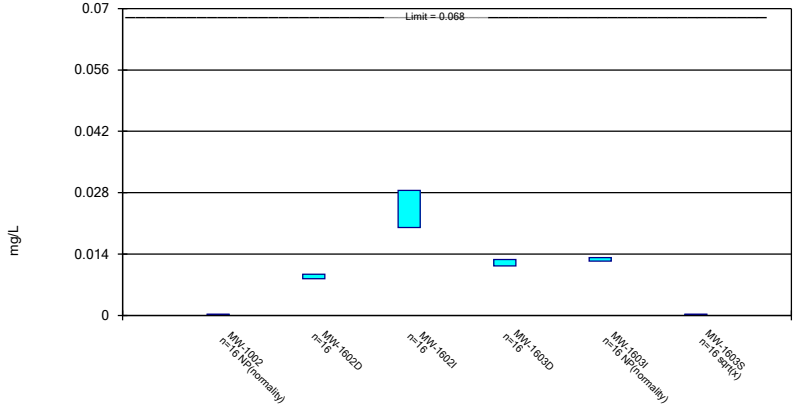
Constituent: Antimony, total Analysis Run 1/29/2021 7:56 PM View: UTLs

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



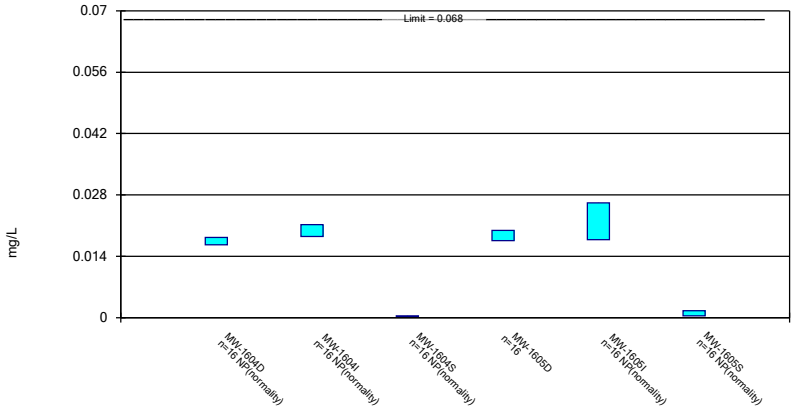
Constituent: Arsenic, total Analysis Run 1/29/2021 7:56 PM View: UTLs

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

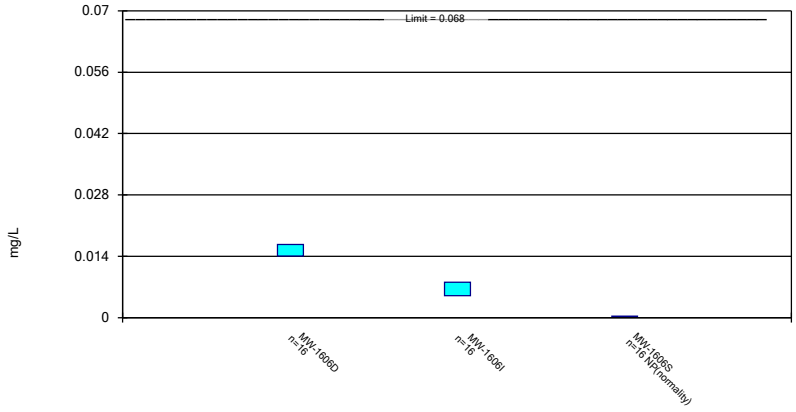


Constituent: Arsenic, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

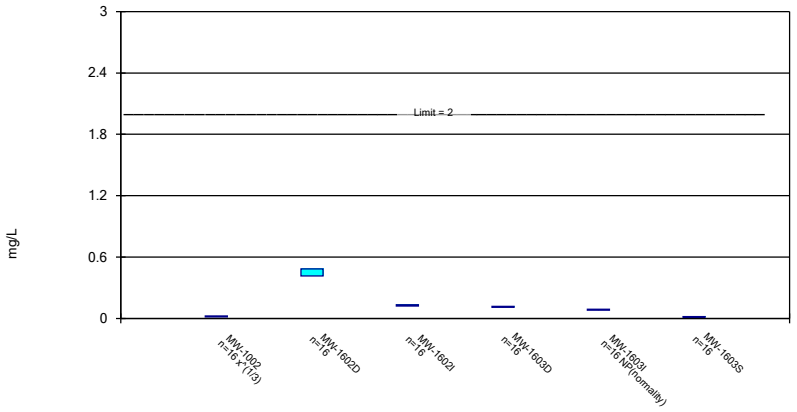


Constituent: Arsenic, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

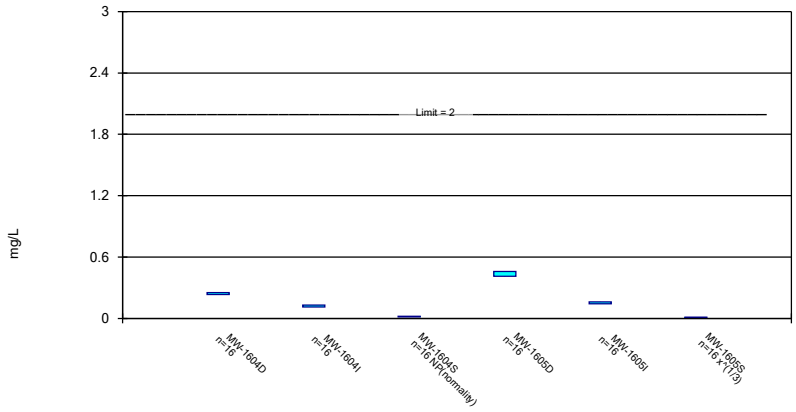


Constituent: Barium, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

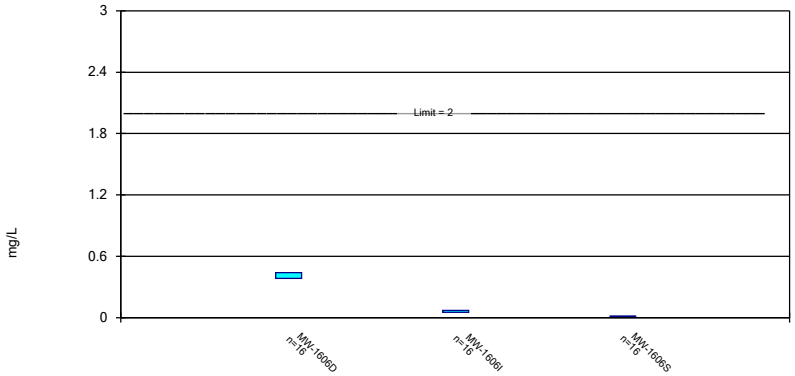


Constituent: Barium, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

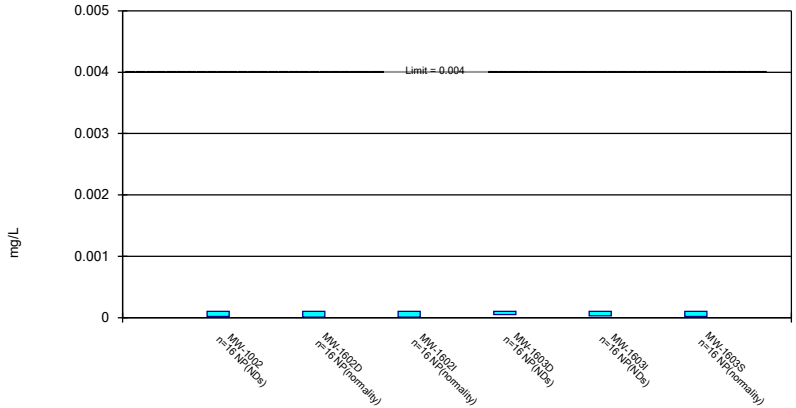


Constituent: Barium, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

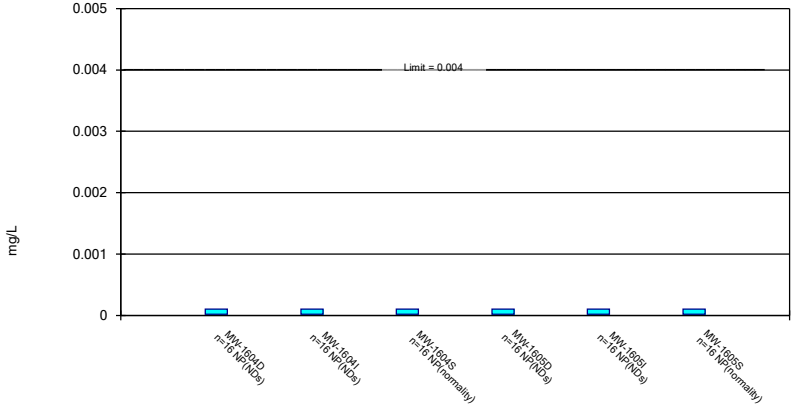


Constituent: Beryllium, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

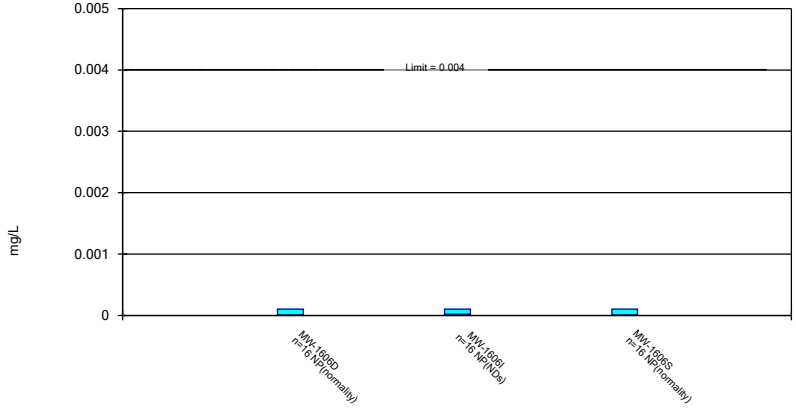


Constituent: Beryllium, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

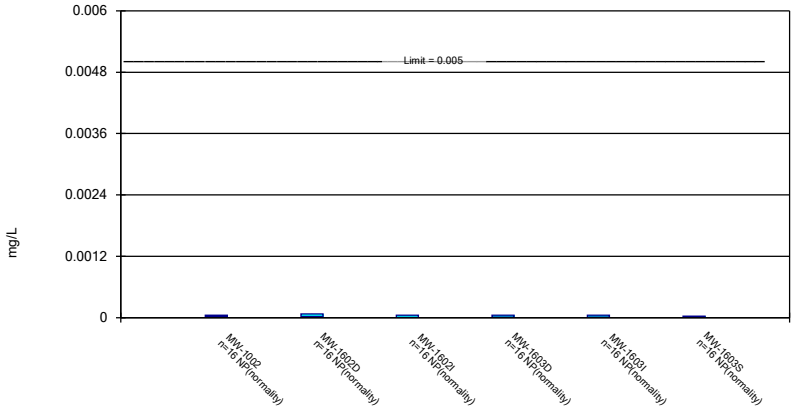


Constituent: Beryllium, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



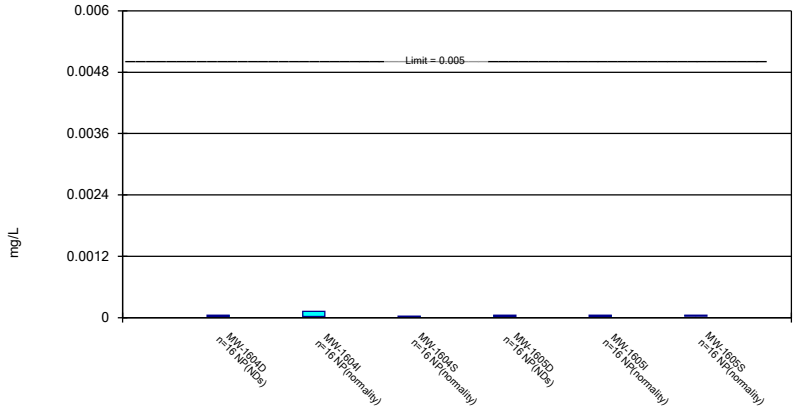
Constituent: Cadmium, total Analysis Run 1/29/2021 7:56 PM View: UTLs

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



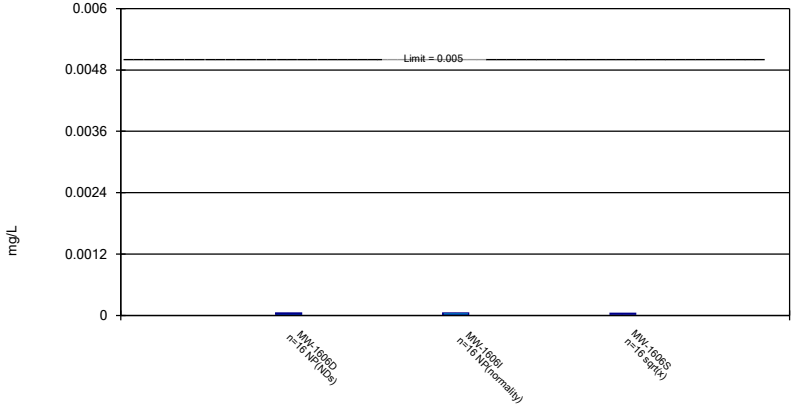
Constituent: Cadmium, total Analysis Run 1/29/2021 7:56 PM View: UTLs

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



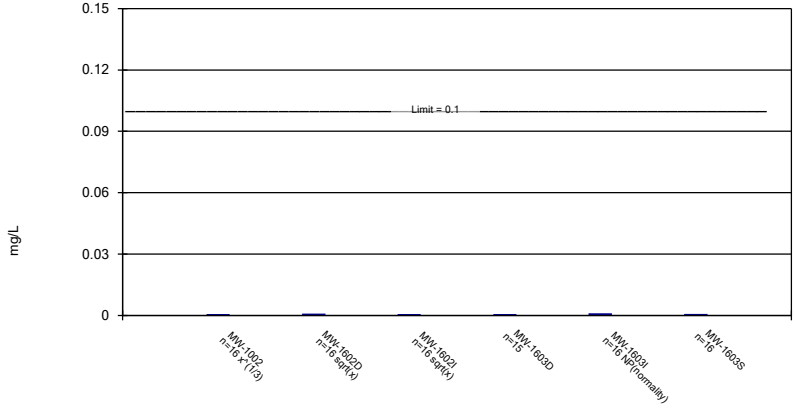
Constituent: Cadmium, total Analysis Run 1/29/2021 7:56 PM View: UTLs

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



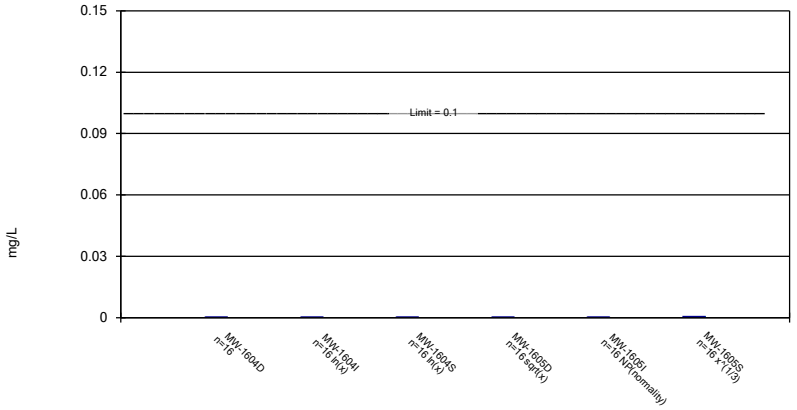
Constituent: Chromium, total Analysis Run 1/29/2021 7:56 PM View: UTLs

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chromium, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric Confidence Interval

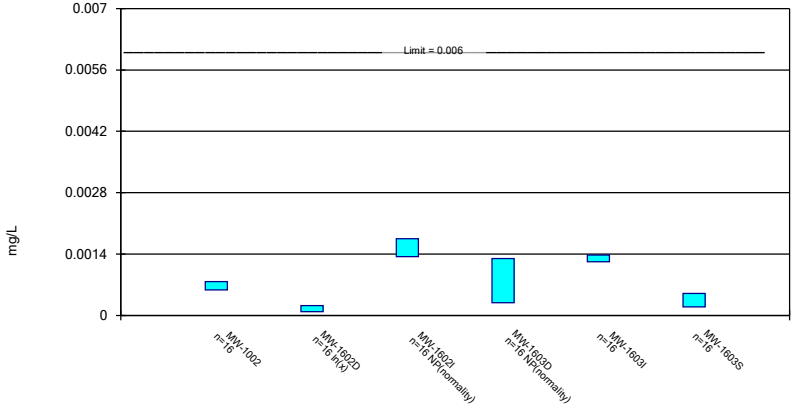
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

Constituent: Chromium, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

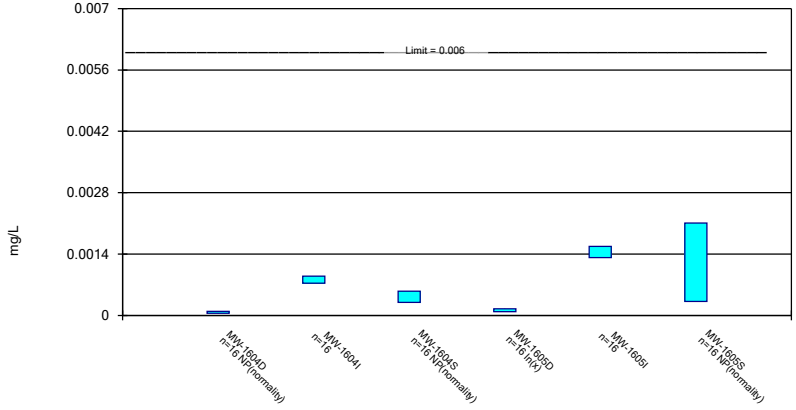


Constituent: Cobalt, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

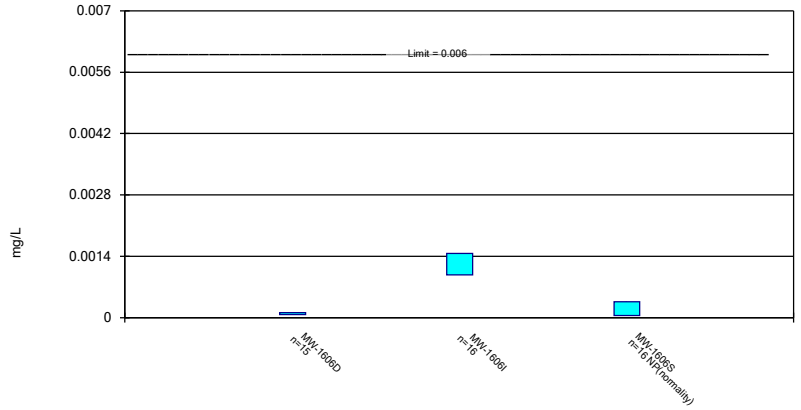
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt, total Analysis Run 1/29/2021 7:56 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

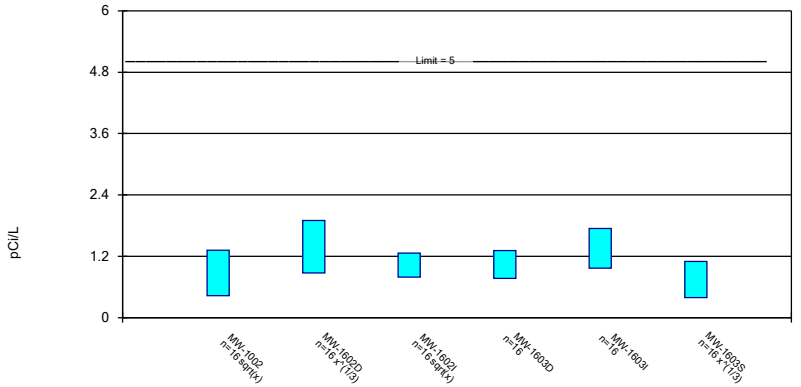
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

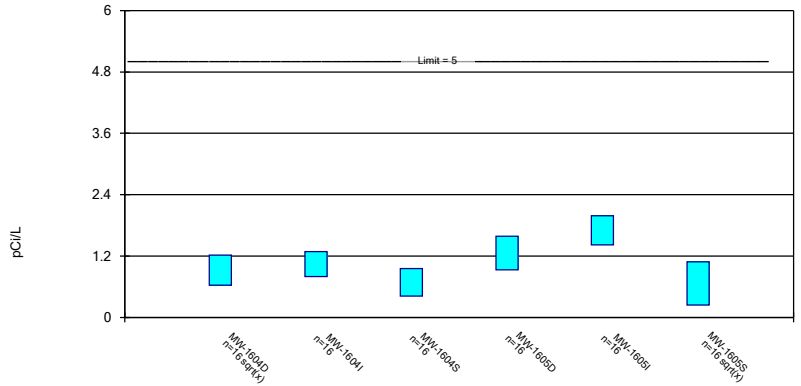
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

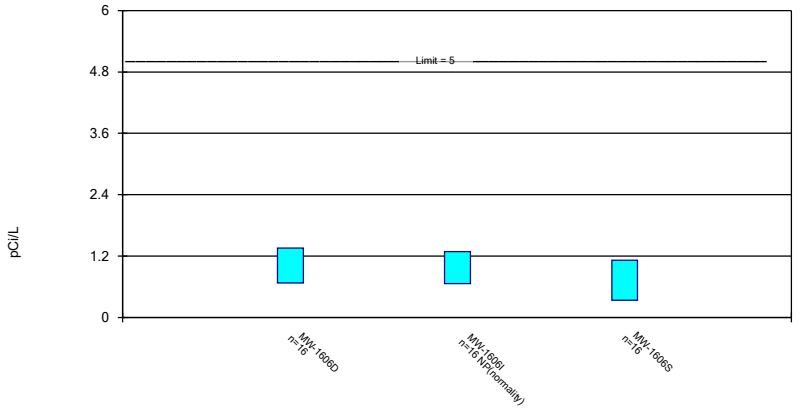
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

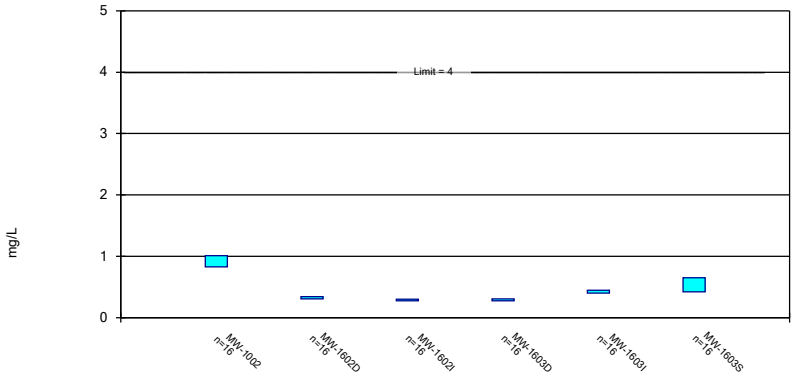


Constituent: Combined Radium 226 + 228 Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

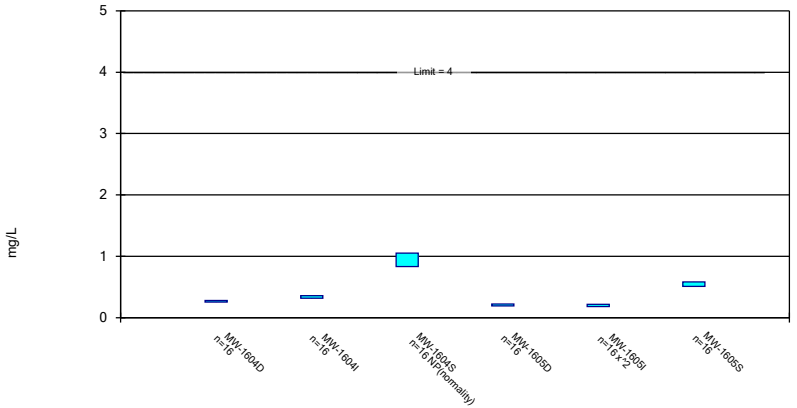


Constituent: Fluoride, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

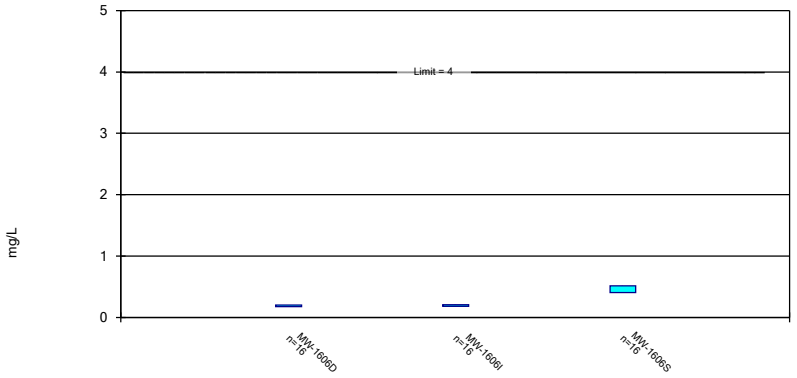


Constituent: Fluoride, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

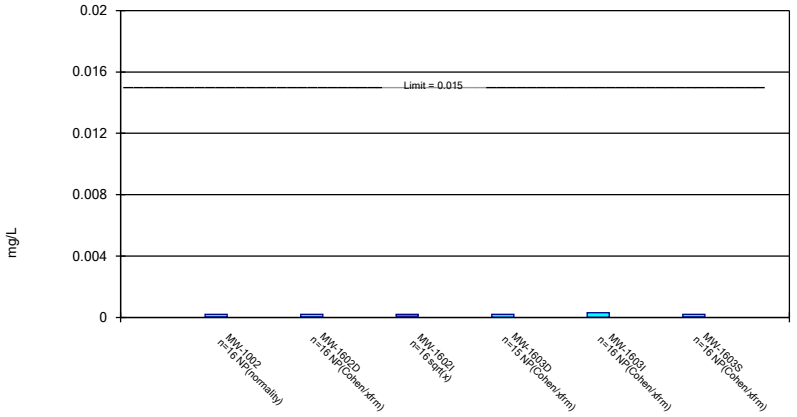


Constituent: Fluoride, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

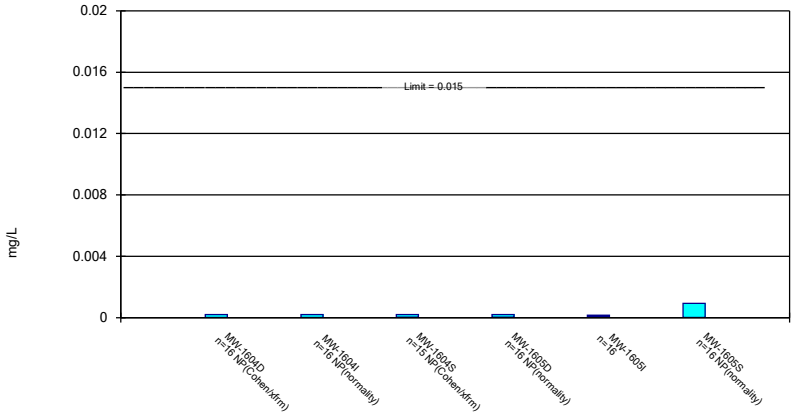


Constituent: Lead, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

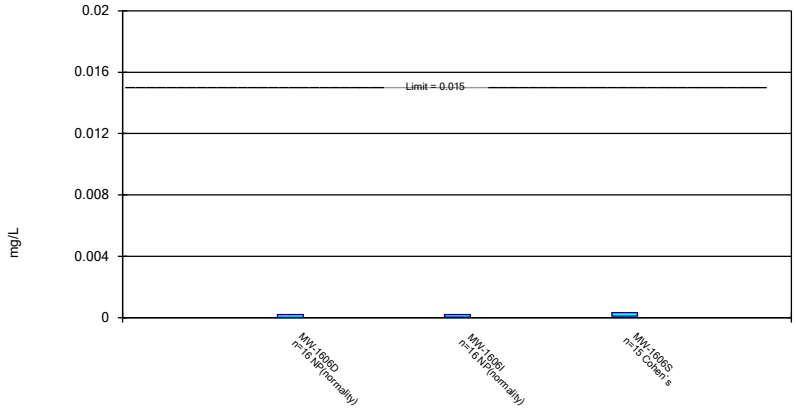


Constituent: Lead, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

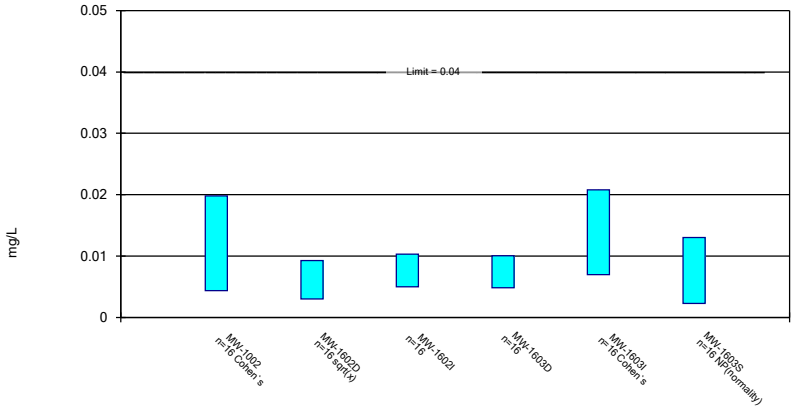


Constituent: Lead, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

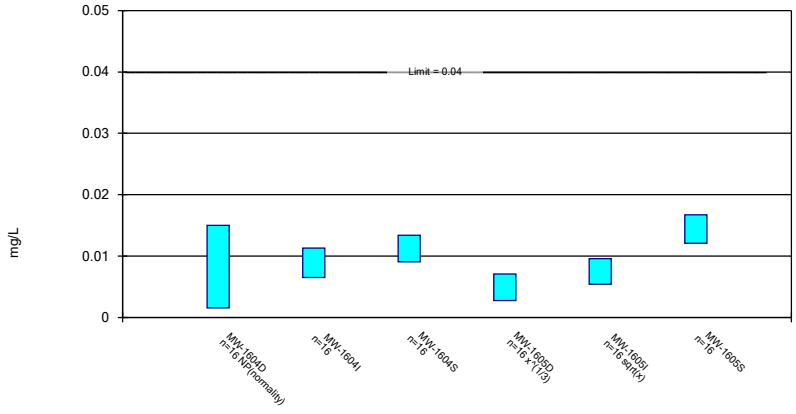


Constituent: Lithium, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

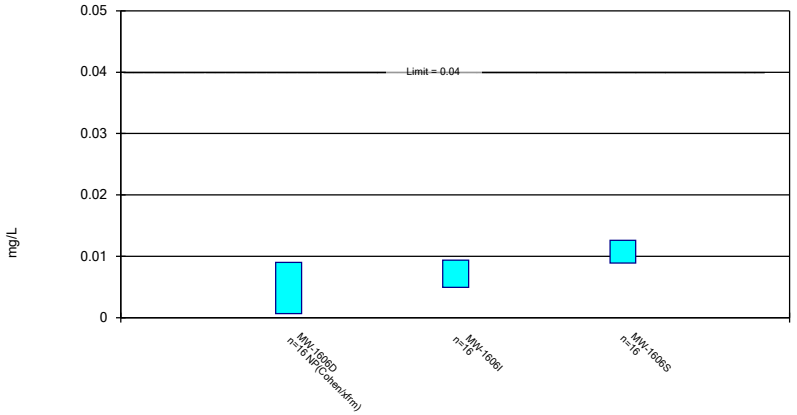


Constituent: Lithium, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

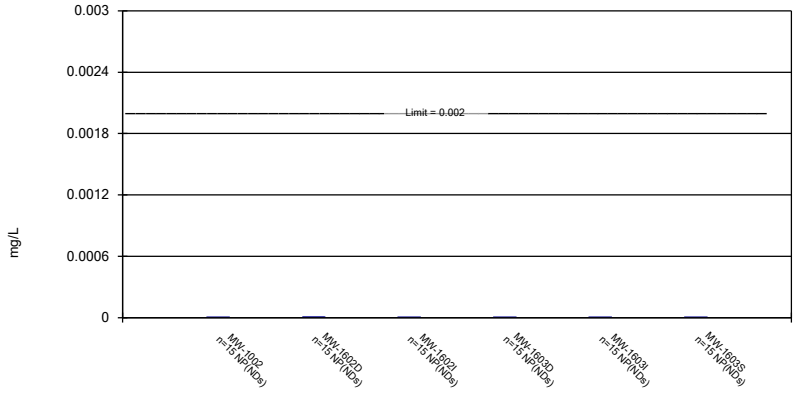


Constituent: Lithium, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

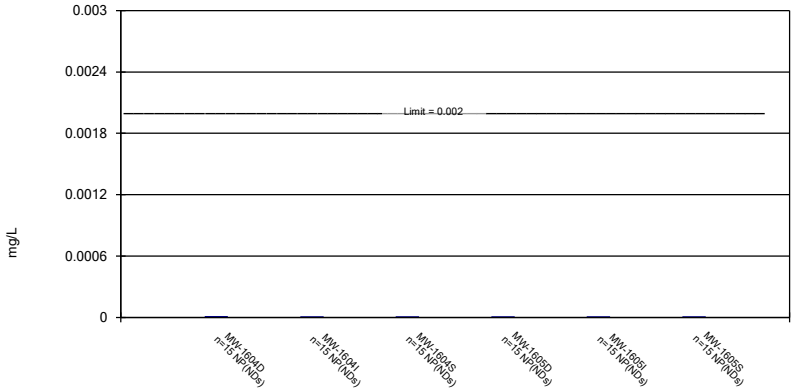


Constituent: Mercury, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



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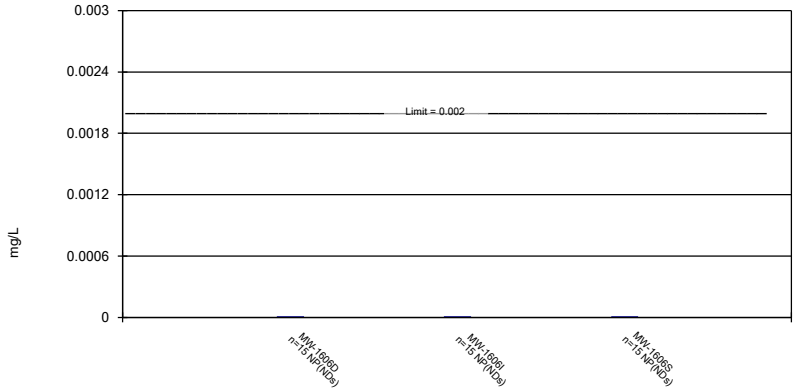
Sanitas™ v.9.6.27 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



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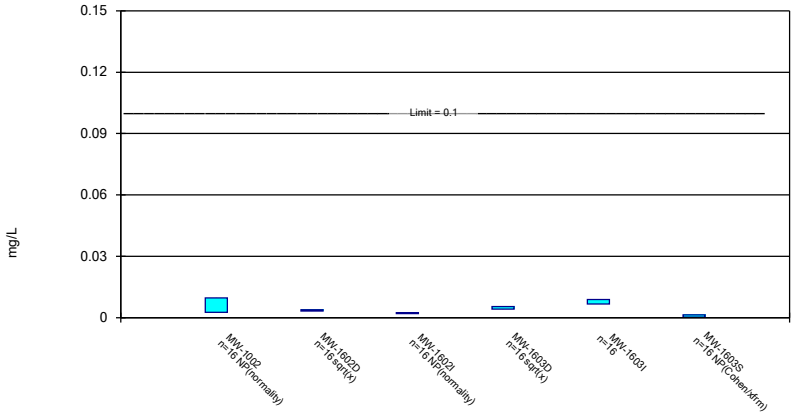
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

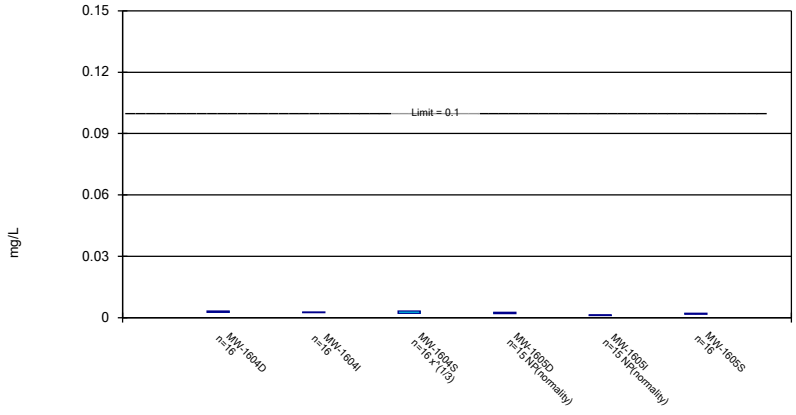


Constituent: Molybdenum, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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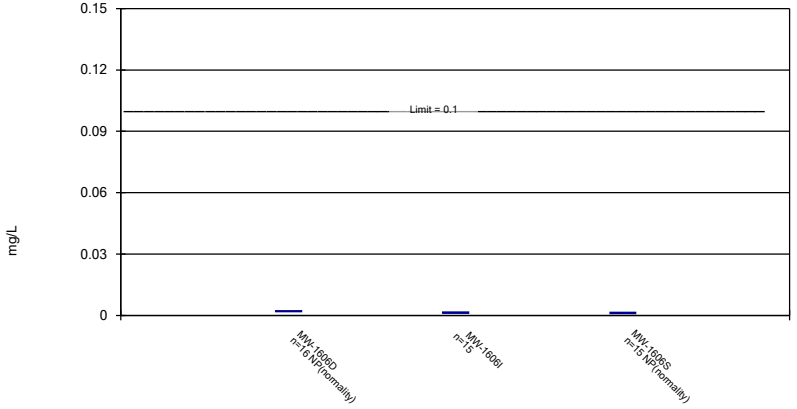
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

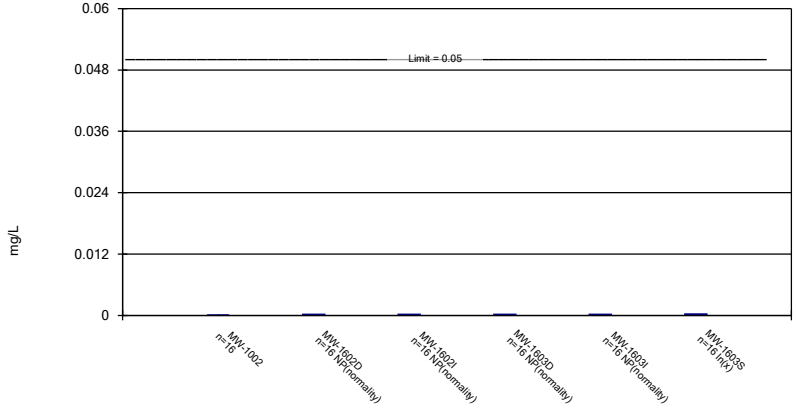


Constituent: Molybdenum, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

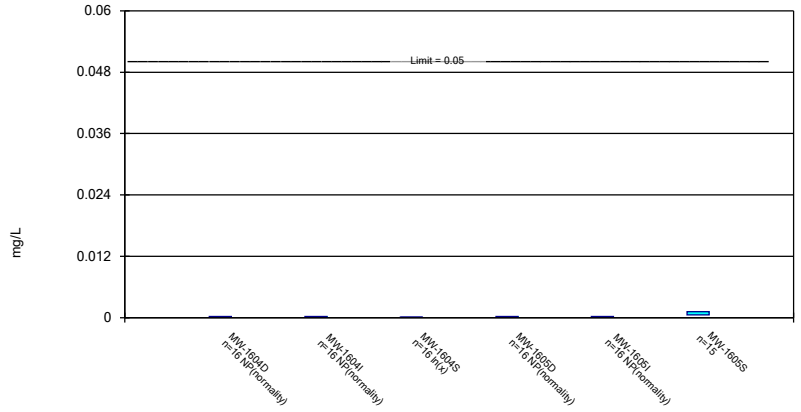


Constituent: Selenium, total Analysis Run 1/29/2021 7:57 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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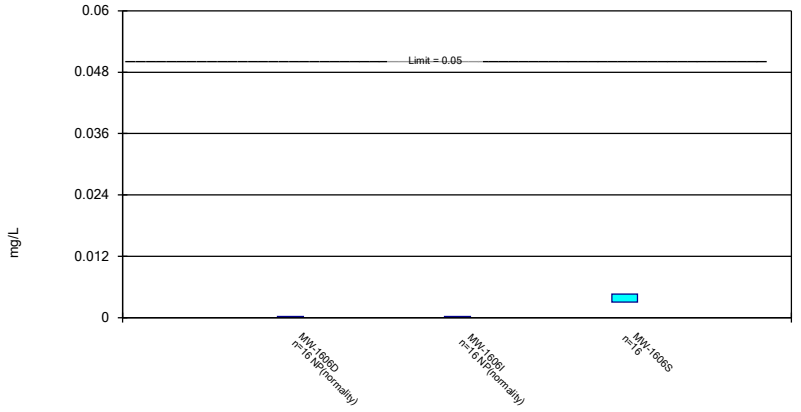
Sanitas™ v.9.6.27 . UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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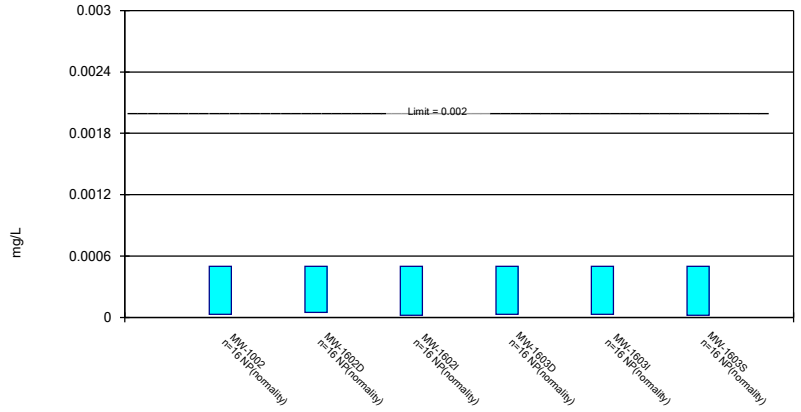
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



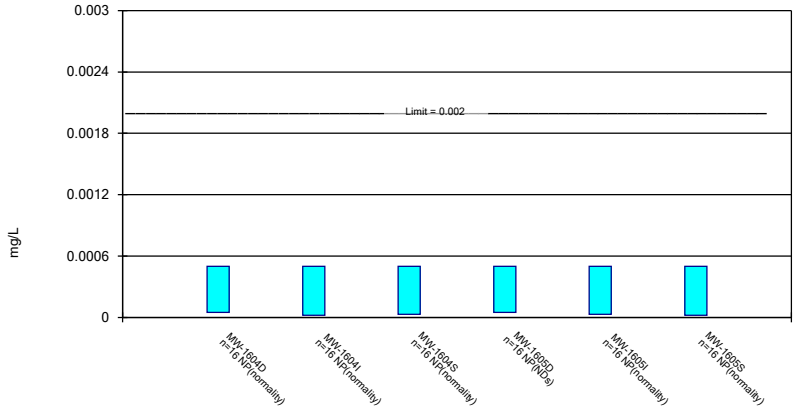
Constituent: Thallium, total Analysis Run 1/29/2021 7:57 PM View: UTLs

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.27 . UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

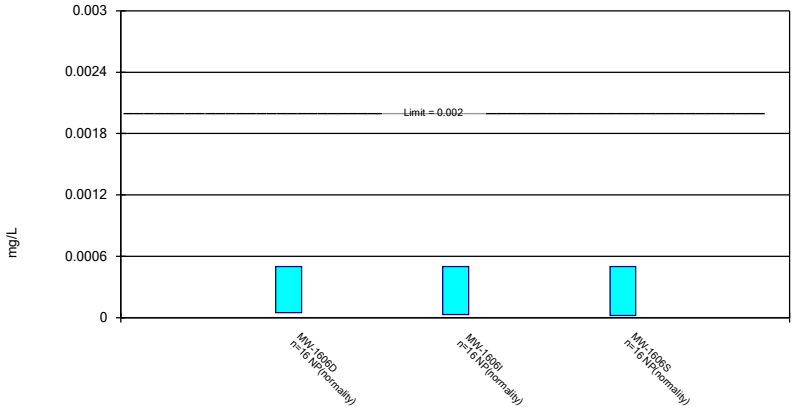


Constituent: Thallium, total Analysis Run 1/29/2021 7:57 PM View: UTLs

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Thallium, total Analysis Run 1/29/2021 7:58 PM View: UTLs
Rockport BAP Client: Geosyntec Data: Rockport_BAP

STATISTICAL ANALYSIS SUMMARY
BOTTOM ASH POND
Rockport Plant
Rockport, Indiana

Submitted to

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Submitted by

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941 Chatham Lane
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August 30, 2021

CHA8500

TABLE OF CONTENTS

LIST OF TABLES

LIST OF ATTACHMENTS

LIST OF ACRONYMS AND ABBREVIATIONS

AEP	American Electric Power
BAP	Bottom Ash Pond
CCR	Coal Combustion Residuals
CCV	Continuing Calibration Verification
CFR	Code of Federal Regulations
GWPS	Groundwater Protection Standard
LCL	Lower Confidence Limit
LFB	Laboratory Fortified Blanks
LPL	Lower Prediction Limit
LRB	Laboratory Reagent Blanks
MCL	Maximum Contaminant Level
NELAP	National Environmental Laboratory Accreditation Program
QA	Quality Assurance
QC	Quality Control
SSI	Statistically Significant Increase
SSL	Statistically Significant Level
SU	Standard Units
TDS	Total Dissolved Solids
UPL	Upper Prediction Limit
USEPA	United States Environmental Protection Agency

SECTION 1

EXECUTIVE SUMMARY

In accordance with the United States Environmental Protection Agency's (USEPA's) regulations regarding the disposal of coal combustion residuals (CCR) in landfills and surface impoundments (40 CFR 257.90-257.98, "CCR rule"), groundwater monitoring has been conducted at the Bottom Ash Pond (BAP), an existing CCR unit at the Rockport Power Plant located in Rockport, Indiana.

Based on detection monitoring conducted in 2017 and 2018, statistically significant increases (SSIs) over background were concluded for boron, chloride, fluoride, total dissolved solids (TDS), and sulfate at the BAP. An alternative source was not identified at the time, so the BAP has been in assessment monitoring since 2018. During the most recent assessment monitoring event, completed in November 2020, Appendix III detections of boron, chloride, fluoride, pH, sulfate, and TDS were observed above background levels and the unit remained in assessment monitoring (Geosyntec, 2021). Two assessment monitoring events were conducted at the BAP in February 2021 and May 2021, in accordance with 40 CFR 257.95. The statistical summary of the results of these assessment sampling events are documented in this report.

Prior to conducting the statistical analyses, the groundwater data underwent several validation tests, including those for completeness, sample tracking accuracy, transcription errors, and consistent use of measurement units. No data quality issues were identified which would impact data usability.

The monitoring data were submitted to Groundwater Stats Consulting, LLC for statistical analysis. Confidence intervals were calculated for Appendix IV parameters at the compliance wells to assess whether any were present at concentrations above the GWPSs. No statistically significant levels (SSLs) were identified; however, concentrations of Appendix III parameters remained above background. Thus, the unit will remain in assessment monitoring. Certification of the selected statistical methods by a qualified professional engineer is documented in Attachment A.

SECTION 2

BOTTOM ASH POND EVALUATION

2.1 Data Validation & QA/QC

During the assessment monitoring program, two sets of samples were collected for analysis from each upgradient and downgradient well to meet the requirements of 40 CFR 257.95(b) (February 2021) and 257.95(d)(1) (May 2021). Samples from the both the February and May 2021 sample events were analyzed for all Appendix III and Appendix IV parameters. A summary of data collected during these assessment monitoring events may be found in Table 1.

Chemical analysis was completed by an analytical laboratory certified by the National Environmental Laboratory Accreditation Program (NELAP). Quality assurance and quality control (QA/QC) samples completed by the analytical laboratory included the use of laboratory reagent blanks (LRBs), continuing calibration verification (CCV) samples, and laboratory fortified blanks (LFBs).

The analytical data were imported into a Microsoft Access database, where checks were completed to assess the accuracy of sample location identification and analyte identification. Where necessary, unit conversions were applied to standardize reported units across all sampling events. Exported data files were created for use with the Sanitas™ v.9.6.30 statistics software. The export file was checked against the analytical data for transcription errors and completeness. No QA/QC issues were noted which would impact data usability.

2.2 Statistical Analysis

Statistical analyses for the BAP were conducted in accordance with the October 2020 *Statistical Analysis Plan* (AEP, 2020), except where noted below. Time series plots and results for all completed statistical tests are provided in Attachment B.

The data obtained in February and May 2021 were screened for potential outliers. No outliers were identified for results at the downgradient monitoring locations which would affect the calculation of confidence intervals (Attachment B).

2.2.1 Evaluation of Potential Appendix IV SSLs

A confidence interval was constructed for each Appendix IV parameter at each compliance well. Confidence limits were generally calculated parametrically ($\alpha = 0.01$); however, non-parametric confidence limits were calculated in some cases (e.g., when the data did not appear to be normally distributed or when the non-detect frequency was too high). An SSL was concluded if the lower confidence limit (LCL) exceeded the GWPS (i.e., if the entire confidence interval exceeded the GWPS). Calculated confidence limits are shown in Attachment B. The calculated confidence limits were compared to the GWPSs provided in Table 2. The GWPSs were established during a

previous statistical analysis as either the greater value of the background concentration or the maximum contaminant level (MCL) and risk-based level specified in 40 CFR 257.95(h)(2) (Geosyntec, 2021).

No SSLs were identified at the Rockport BAP.

2.2.2 Evaluation of Potential Appendix III SSIs

The Appendix III results were analyzed to assess whether concentrations of Appendix III parameters at the compliance wells exceeded background concentrations. Data collected during the May 2021 assessment monitoring event from each compliance well were compared to previously calculated prediction limits to assess whether the results are above background values. The results from the May 2021 and the prediction limits are summarized in Table 3. The following exceedances of the upper prediction limits (UPLs) were noted:

- Boron concentrations exceeded the interwell UPL of 0.208 mg/L at MW-1002 (1.11 mg/L), MW-1630S (2.06 mg/L), MW-1604S (0.526 mg/L), and MW-1605S (0.5 mg/L).

- Calcium concentrations exceeded the intrawell UPL of 81.4 mg/L at MW-1606D (81.6 mg/L).

- Chloride concentrations exceeded the interwell UPL of 46.4 mg/L at MW-1002 (50.1 mg/L), MW-1602D (76.9 mg/L), MW-1604S (47.9 mg/L), and MW-1605S (52.7 mg/L).

- Fluoride concentrations exceeded the interwell UPL of 0.700 mg/L at MW-1002 (1.01 mg/L), MW-1603S (1.02 mg/L), and MW-1604S (1.07 mg/L).

- pH values exceeded the intrawell UPL of 7.4 SU for MW-1603D (7.7 SU), the intrawell UPL of 7.4 SU for MW-1604D (7.6 SU), the intrawell UPL of 7.9 SU for MW-1604S (9.1 SU), the intrawell UPL of 7.4 SU for MW-1605D (8.9 SU), the intrawell UPL of 7.6 SU for MW-1605I (9.5 SU), the intrawell UPL of 7.7 SU for MW-1605S (9.5 SU), the intrawell UPL of 8.4 SU for MW-1606D (8.9 SU), the intrawell UPL of 8.3 SU for MW-1606I (8.9 SU), and the intrawell UPL of 7.8 for MW-1606S (8.6 SU).

- Sulfate concentrations exceeded the interwell UPL of 76.0 mg/L at MW-1002 (149 mg/L), MW-1602I (76.6 mg/L), MW-1603S (82.8 mg/L), MW-1604S (83.6 mg/L), MW-1605I (97.2 mg/L) and at MW-1605S (178 mg/L).

- TDS concentrations exceeded the interwell UPL of 469 mg/L at MW-1605S (610 mg/L).

While the prediction limits were calculated for a one-of-two retesting procedure, SSIs were conservatively assumed if the May 2021 sample was above the UPL or below the LPL. Based on this evaluation, concentrations of Appendix III constituents appear to be above background concentrations and the unit will remain in assessment monitoring.

2.3 Conclusions

A semi-annual assessment monitoring event was conducted in accordance with the CCR Rule. The laboratory and field data were reviewed prior to statistical analysis, with no QA/QC issues identified that impacted data usability. A review of outliers identified two outliers in the 2021 data, which were excluded from confidence interval calculations. A confidence interval was constructed at each compliance well for each Appendix IV parameter; SSLs were concluded if the entire confidence interval exceeded the GWPSs. No SSLs were identified.

The Appendix III results were evaluated to assess whether concentrations of Appendix III parameters exceeded background levels. Boron, calcium, chloride, fluoride, pH, sulfate, and TDS results exceeded background levels at select downgradient wells.

Based on this evaluation, the Rockport BAP CCR unit will remain in assessment monitoring.

SECTION 3

REFERENCES

Geosyntec Consultants (Geosyntec). 2020. Statistical Analysis Plan – Rockport Plant. October 2020.

Geosyntec. 2021. Statistical Analysis Summary – Bottom Ash Pond, Rockport Plant, Rockport, Indiana. March 9, 2021.

TABLES

Table 1: Groundwater Data Summary
Rockport Plant - Bottom Ash Pond

Parameter	Unit	MW-1002		MW-1600D		MW-1600I		MW-1600S	
		2/2/2021	5/26/2021	2/3/2021	5/27/2021	2/3/2021	5/27/2021	2/3/2021	5/27/2021
Antimony	µg/L	0.05 J	0.04 J	0.1 U	0.05 J	0.1 U	0.08 J	0.1 U	0.15
Arsenic	µg/L	0.27	0.25	16.0	19.2	18.4	24.8	0.41	4.39
Barium	µg/L	15.9	12.4	869	851	689	755	22.9	57.9
Beryllium	µg/L	0.1 U	0.05 U	0.1 U	0.067	0.1 U	0.031 J	0.1 U	0.106
Boron	mg/L	1.56	1.11	0.05 U	0.017 J	0.05 U	0.04 J	0.04 J	0.041 J
Cadmium	µg/L	0.02 J	0.019 J	0.05 U	0.043	0.05 U	0.075	0.05 U	0.191
Calcium	mg/L	63.3	37.3	78.9	93.2	72.9	73.2	60.3	70.2
Chloride	mg/L	81.7	50.1	30.2	29.6	25.1	25.4	26.7	32.6
Chromium	µg/L	0.05 J	0.21	0.264	2.05	0.1 J	1.21	0.319	1.92
Cobalt	µg/L	0.533	0.308	0.070	0.756	1.20	2.32	0.05 J	9.95
Combined Radium	pCi/L	0.22	0.75	2.96	1.18	2.599	1.81	1.11	0.88
Fluoride	mg/L	0.97	1.01	0.25	0.25	0.26	0.26	0.44	0.51
Lead	µg/L	0.2 U	0.2 U	0.2 U	1.34	0.2 U	1.3	0.2 U	4.97
Lithium	mg/L	0.00548	0.00379	0.00548	0.00669	0.00626	0.00672	0.0130	0.0111
Mercury	µg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.004 J
Molybdenum	µg/L	6.42	5.3	2 J	1.9	2 J	2.2	0.5 J	0.9
Selenium	µg/L	0.07 J	0.5 U	0.2 U	0.17 J	0.2 U	0.15 J	0.3	0.73
Sulfate	mg/L	250	149	41.3	41.6	49.8	50.4	52.0	40.4
Thallium	µg/L	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.05 J	0.5 U	0.05 J
Total Dissolved Solids	mg/L	560	370	390	400	397	410	379	420
pH	SU	6.8	7.1	6.8	7.6	6.7	7.7	6.1	7.3

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
SU: standard unit
U: Non-detect value. For statistical analysis, parameters which were not detected were replaced with the reporting limit.
J: Estimated value. Parameter was detected in concentrations below the reporting limit.

Table 1: Groundwater Data Summary
Rockport Plant - Bottom Ash Pond

Geosyntec Consultants, Inc.

Parameter	Unit	MW-1601D		MW-1601I		MW-1601S		MW-1602D		MW-1602I	
		2/3/2021	5/26/2021	2/3/2021	5/26/2021	2/3/2021	5/26/2021	2/2/2021	5/26/2021	2/3/2021	5/26/2021
Antimony	µg/L	0.1 U	0.09 J	0.1 U	0.1 U	0.1 U	0.07 J	0.1 U	0.1 U	0.03 J	0.06 J
Arsenic	µg/L	12.4	11.4	19.8	18.3	2.10	2.01	9.29	10.2	27.8	24.9
Barium	µg/L	567	536	634	589	32.8	30.2	445	452	107	108
Beryllium	µg/L	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.009 J
Boron	mg/L	0.03 J	0.029 J	0.02 J	0.023 J	0.125	0.095	0.052	0.045 J	0.088	0.067
Cadmium	µg/L	0.01 J	0.015 J	0.05 U	0.039	0.05 U	0.005 J	0.05 U	0.02 U	0.05 U	0.02 U
Calcium	mg/L	90.6	87.6	85.7	95.8	74.0	77.7	66.2	64.0	76.1	73.7
Chloride	mg/L	19.4	18.9	29.8	30	39.7	37.6	83.8	76.9	35.6	31.2
Chromium	µg/L	0.241	0.13 J	0.207	0.05 J	0.640	0.77	0.247	0.26	0.226	0.26
Cobalt	µg/L	0.052	0.05	1.33	1.21	0.070	0.05	0.057	0.052	1.21	1.18
Combined Radium	pCi/L	2.714	1.41	1.949	1.5	0.7085	0.87	1.727	0.99	1.668	1.17
Fluoride	mg/L	0.20	0.2	0.26	0.27	0.40	0.43	0.36	0.35	0.33	0.32
Lead	µg/L	0.2 U	0.2 U	0.09 J	0.2 U	0.2 U	0.24	0.2 U	0.2 U	0.2 U	0.2 U
Lithium	mg/L	0.00147	0.0014	0.00616	0.00624	0.00563	0.00507	0.00247	0.00234	0.00531	0.00524
Mercury	µg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Molybdenum	µg/L	3.23	3.1	2.24	2	2 J	1.8	3.51	3.5	2.09	2.2
Selenium	µg/L	0.2 U	0.5 U	0.2 U	0.5 U	1.2	0.66	0.2 U	0.5 U	0.2 U	0.5 U
Sulfate	mg/L	20.0	18.9	50.4	50.2	60.6	57.2	21.3	22.0	86.0	76.6
Thallium	µg/L	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U
Total Dissolved Solids	mg/L	396	410	414	420	432	400	472	450	428	420
pH	SU	7.0	9.4	6.8	9.4	7.1	9.4	6.9	7.4	6.7	7.5

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
SU: standard unit
U: Non-detect value. For statistical analysis, parameters which were not detected were replaced with the reporting limit.
J: Estimated value. Parameter was detected in concentrations below the reporting limit.

Table 1: Groundwater Data Summary
Rockport Plant - Bottom Ash Pond

Geosyntec Consultants, Inc.

Parameter	Unit	MW-1603D		MW-1603I		MW-1603S		MW-1604D		MW-1604I		MW-1604S	
		2/2/2021	5/26/2021	2/2/2021	5/26/2021	2/2/2021	5/25/2021	2/3/2021	5/25/2021	2/3/2021	5/25/2021	2/3/2021	5/25/2021
Antimony	µg/L	0.1 U	0.1 U	0.03 J	0.03 J	0.05 J	0.05 J	0.1 U	0.1 U	0.02 J	0.09 J	0.06 J	0.07 J
Arsenic	µg/L	14.6	14.7	15.1	14	0.20	0.13	18.5	18.5	24.4	22.1	0.18	0.17
Barium	µg/L	121	125	97.0	89.2	11.8	4.82	257	269	83.3	88.9	11.5	10.1
Beryllium	µg/L	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U
Boron	mg/L	0.04 J	0.031 J	0.04 J	0.035 J	2.49	2.06	0.05 U	0.022 J	0.145	0.108	0.639	0.526
Cadmium	µg/L	0.05 U	0.02 U	0.05 U	0.02 U	0.02 J	0.005 J	0.05 U	0.02 U	0.05 U	0.02 U	0.03 J	0.031
Calcium	mg/L	79.4	80.6	78.4	86.9	40.4	33.4	70.0	71.5	56.6	59.4	66.0	52.1
Chloride	mg/L	25.6	26.8	35.5	34.4	41.9	23	15.3	15.2	29.6	32.4	63.6	47.9
Chromium	µg/L	0.2 J	0.25	0.270	0.13 J	0.230	0.18 J	0.2 J	0.05 J	0.235	0.08 J	0.1 J	0.14 J
Cobalt	µg/L	0.281	0.288	1.12	1.03	0.324	0.129	0.055	0.046	0.460	0.497	0.355	0.27
Combined Radium	pCi/L	2.834	0.47	2.058	0.88	0.5735	0.93	1.899	1.11	1.423	0.9	2.752	0.35
Fluoride	mg/L	0.31	0.31	0.45	0.45	0.91	1.02	0.30	0.3	0.39	0.4	1.04	1.07
Lead	µg/L	0.2 U	0.2 U	0.05 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Lithium	mg/L	0.00315	0.00331	0.00667	0.00623	0.00350	0.00152	0.00138	0.00131	0.00555	0.00568	0.00902	0.00777
Mercury	µg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Molybdenum	µg/L	3.66	3.6	5.01	4.7	0.4 J	0.2 J	2.55	2.5	2.34	2.2	3.10	3.1
Selenium	µg/L	0.04 J	0.5 U	0.2 U	0.5 U	0.1 J	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.07 J	0.5 U
Sulfate	mg/L	33.7	33.8	56.9	51.4	137	82.8	21.2	20.6	52.0	68.6	93.8	83.6
Thallium	µg/L	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U
Total Dissolved Solids	mg/L	381	390	424	420	406	250	310	310	351	380	445	380
pH	SU	6.3	7.7	6.8	7.8	6.6	7.0	6.7	7.6	6.9	7.3	7.1	9.1

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
SU: standard unit
U: Non-detect value. For statistical analysis, parameters which were not detected were replaced with the reporting limit.
J: Estimated value. Parameter was detected in concentrations below the reporting limit.

Table 1: Groundwater Data Summary
Rockport Plant - Bottom Ash Pond

Geosyntec Consultants, Inc.

Parameter	Unit	MW-1605D		MW-1605I		MW-1605S		MW-1606D		MW-1606I		MW-1606S	
		2/4/2021	5/25/2021	2/3/2021	5/26/2021	2/4/2021	5/26/2021	2/4/2021	5/25/2021	2/5/2021	5/25/2021	2/5/2021	5/25/2021
Antimony	µg/L	0.1 U	0.04 J	0.04 J	0.06 J	0.03 J	0.03 J	0.1 U	0.1 U	0.1 U	0.1 U	0.03 J	0.03 J
Arsenic	µg/L	21.5	20.9	20.0	20.1	0.47	0.45	18.2	18.3	9.73	10.6	0.17	0.18
Barium	µg/L	457	445	127	136	6.04	6.85	470	494	59.1	58.0	13.0	11.8
Beryllium	µg/L	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U
Boron	mg/L	0.05 U	0.017 J	0.04 J	0.039 J	0.481	0.5	0.05 U	0.019 J	0.05 U	0.013 J	0.05 U	0.016 J
Cadmium	µg/L	0.05 U	0.006 J	0.05 U	0.02 U	0.04 J	0.038	0.05 U	0.02 U	0.05 U	0.020	0.03 J	0.031
Calcium	mg/L	79.0	76.8	74.2	80.4	71.8	74.9	82.6	81.6	63.8	65.4	42.0	45.4
Chloride	mg/L	25.0	23.8	32.9	35.6	50.9	52.7	29.0	28.4	21.0	20.6	29.0	29.6
Chromium	µg/L	0.226	0.08 J	0.2 J	0.12 J	0.928	0.52	0.208	0.2 U	0.238	0.19 J	0.241	0.28
Cobalt	µg/L	0.054	0.053	1.12	1.13	0.361	0.343	0.052	0.05	1.30	1.14	0.05 J	0.080
Combined Radium	pCi/L	1.102	1.03	1.611	1.36	0.544	0.94	0.567	0.7	1.711	0.69	0.827	0.56
Fluoride	mg/L	0.24	0.23	0.24	0.24	0.58	0.57	0.20	0.2	0.24	0.24	0.52	0.48
Lead	µg/L	0.2 U	0.2 U	0.06 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 J
Lithium	mg/L	0.00161	0.00153	0.00497	0.00482	0.0104	0.0105	0.000505	0.0005	0.00319	0.00320	0.00830	0.00864
Mercury	µg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Molybdenum	µg/L	2 J	1.9	1 J	1.3	2 J	1.8	2 J	1.7	1 J	1.3	1 J	1.1
Selenium	µg/L	0.04 J	0.5 U	0.2 U	0.5 U	0.6	0.71	0.2 U	0.5 U	0.2 U	0.5 U	3.2	2.23
Sulfate	mg/L	43.1	41	85.1	97.2	174	178	32.8	33.4	40.7	40.4	31.1	36.0
Thallium	µg/L	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U
Total Dissolved Solids	mg/L	369	360	424	450	610	610	348	350	316	320	374	400
pH	SU	6.8	8.9	6.9	9.5	6.7	9.5	7.4	8.9	7.5	8.9	7.1	8.6

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
SU: standard unit
U: Non-detect value. For statistical analysis, parameters which were not detected were replaced with the reporting limit.
J: Estimated value. Parameter was detected in concentrations below the reporting limit.

Table 1: Groundwater Data Summary
Rockport Plant - Bottom Ash Pond

Geosyntec Consultants, Inc.

Parameter	Unit	MW-1701D		MW-1701I		MW-1701S		MW-1702D		MW-1702I		MW-1702S	
		2/2/2021	5/26/2021	2/2/2021	5/26/2021	2/2/2021	5/26/2021	2/2/2021	5/27/2021	2/2/2021	5/27/2021	2/4/2021	5/27/2021
Antimony	µg/L	0.1 U	0.1 U	0.05 J	0.17	0.05 J	0.15	0.08 J	0.08 J	0.13	0.08 J	0.07 J	0.07 J
Arsenic	µg/L	10.2	9.57	9.36	21.6	0.42	0.4	25.6	29.8	72.7	50.4	0.48	0.3
Barium	µg/L	64.6	61.6	41.0	43.5	8.12	13.1	202	209	115	110	5.59	4.51
Beryllium	µg/L	0.1 U	0.05 U	0.1 U	0.012 J	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U	0.1 U	0.05 U
Boron	mg/L	0.03 J	0.021 J	0.02 J	0.017 J	0.05 U	0.015 J	0.05 U	0.017 J	0.05 U	0.014 J	0.03 J	0.032 J
Cadmium	µg/L	0.05 U	0.02 U	0.05 U	0.067	0.01 J	0.04	0.02 J	0.016 J	0.02 J	0.008 J	0.05	0.019 J
Calcium	mg/L	68.9	68.7	65.9	75.9	57.2	70	79.2	83.3	74.2	78.5	33.7	34.9
Chloride	mg/L	14.2	14.8	13.2	13.1	20.6	20.6	30.5	30.8	28.7	28.2	13.5	13.5
Chromium	µg/L	0.299	0.1 J	0.2 J	0.44	0.310	0.09 J	0.2 J	0.36	0.205	0.13 J	0.430	0.2
Cobalt	µg/L	1.63	1.46	1.18	2.06	0.087	0.229	0.574	0.607	1.60	1.42	0.348	0.028
Combined Radium	pCi/L	0.815	0.65	0.675	0.63	0.447	0.98	1.0318	1.45	1.535	0.88	0.392	0.55
Fluoride	mg/L	0.35	0.36	0.45	0.46	0.41	0.42	0.22	0.22	0.25	0.25	0.70	0.64
Lead	µg/L	0.2 U	0.2 U	0.2 U	0.67	0.2 U	0.06 J	0.06 J	0.07 J	0.05 J	0.2 U	0.350	0.2 U
Lithium	mg/L	0.00625	0.00631	0.00539	0.00533	0.00490	0.00499	0.00409	0.00407	0.00425	0.00422	0.00136	0.00142
Mercury	µg/L	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Molybdenum	µg/L	1 J	1.2	1 J	1.1	0.7 J	0.7	2.00	2.1	2 J	1.8	1 J	1.4
Selenium	µg/L	0.04 J	0.5 U	0.06 J	0.5 U	0.3	0.48 J	0.05 J	0.5 U	0.05 J	0.5 U	2.0	2.23
Sulfate	mg/L	40.5	39.8	36.1	35.6	16.7	16.9	37.4	37.6	41.8	41.8	18.1	18.7
Thallium	µg/L	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U	0.5 U	0.2 U
Total Dissolved Solids	mg/L	366	350	362	350	319	310	396	400	389	380	259	270
pH	SU	6.9	9.3	7.0	7.9	7.0	7.9	6.8	7.7	6.7	7.8	7.5	7.8

Notes:
µg/L: micrograms per liter
mg/L: milligrams per liter
pCi/L: picocuries per liter
SU: standard unit
U: Non-detect value. For statistical analysis, parameters which were not detected were replaced with the reporting limit.
J: Estimated value. Parameter was detected in concentrations below the reporting limit.

Table 2: Appendix IV Groundwater Protection Standards
Rockport Plant - Bottom Ash Pond

Constituent Name	MCL	CCR Rule-Specified	Calculated UTL	GWPS
Antimony, Total (mg/L)	0.006		0.0004	0.006
Arsenic, Total (mg/L)	0.01		0.068	0.068
Barium, Total (mg/L)	2		0.997	2
Beryllium, Total (mg/L)	0.004		0.0001	0.004
Cadmium, Total (mg/L)	0.005		0.00028	0.005
Chromium, Total (mg/L)	0.1		0.0016	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.003	0.006
Combined Radium, Total (pCi/L)	5		2.5	5
Fluoride, Total (mg/L)	4		0.70	4
Lead, Total (mg/L)	n/a	0.015	0.0015	0.015
Lithium, Total (mg/L)	n/a	0.04	0.038	0.04
Mercury, Total (mg/L)	0.002		0.000005	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.0087	0.1
Selenium, Total (mg/L)	0.05		0.0038	0.05
Thallium, Total (mg/L)	0.002		0.0005	0.002

Notes:
MCL = Maximum Contaminant Level
CCR = Coal Combustion Residual
GWPS = Groundwater Protection Standard
Calculated UTL (Upper Tolerance Limit) represents site-specific background values.
Grey cells indicate the GWPS is based on the calculated UTL, which is higher than the MCL or CCR Rule-specified value.

Table 3: Appendix III Data Summary
Rockport - Bottom Ash Pond

Geosyntec Consultants, Inc.

Analyte	Unit	Description	MW-1002	MW-1602D	MW-1602I	MW-1603D	MW-1603I	MW-1603S	MW-1604D	MW-1604I
			5/26/2021	5/26/2021	5/26/2021	5/26/2021	5/26/2021	5/25/2021	5/25/2021	5/25/2021
Boron	mg/L	Interwell Background Value (UPL)	0.208							
		Analytical Result	**1.11**	0.045	0.067	0.031	0.035	**2.06**	0.022	0.108
Calcium	mg/L	Intrawell Background Value (UPL)	78.3	79.7	87.8	96.7	104	96.2	76.1	84.4
		Analytical Result	37.3	64.0	73.7	80.6	86.9	33.4	71.5	59.4
Chloride	mg/L	Interwell Background Value (UPL)	46.4							
		Analytical Result	**50.1**	**76.9**	31.2	26.8	34.4	23	15.2	32.4
Fluoride	mg/L	Interwell Background Value (UPL)	0.700							
		Analytical Result	**1.01**	0.35	0.32	0.31	0.45	**1.02**	0.3	0.4
pH	SU	Intrawell Background Value (UPL)	7.8	8.1	7.8	7.4	7.8	7.6	7.4	7.8
		Intrawell Background Value (LPL)	6.1	6.7	6.8	6.8	6.8	6.4	7.0	7.1
		Analytical Result	7.1	7.4	7.5	**7.7**	7.8	7.0	**7.6**	7.3
Sulfate	mg/L	Interwell Background Value (UPL)	76.0							
		Analytical Result	**149**	22.0	**76.6**	33.8	51.4	**82.8**	20.6	68.6
Total Dissolved Solids	mg/L	Interwell Background Value (UPL)	469							
		Analytical Result	370	450	420	390	420	250	310	380

Analyte	Unit	Description	MW-1604S	MW-1605D	MW-1605I	MW-1605S	MW-1606D	MW-1606I	MW-1606S
			5/25/2021	5/25/2021	5/26/2021	5/26/2021	5/25/2021	5/25/2021	5/25/2021
Boron	mg/L	Interwell Background Value (UPL)	0.208						
		Analytical Result	**0.526**	0.017	0.039	**0.5**	0.019	0.013	0.016
Calcium	mg/L	Intrawell Background Value (UPL)	108	95.3	104	88.6	81.4	86.3	68.1
		Analytical Result	52.1	76.8	80.4	74.9	**81.6**	65.4	45.4
Chloride	mg/L	Interwell Background Value (UPL)	46.4						
		Analytical Result	**47.9**	23.8	35.6	**52.7**	28.4	20.6	29.6
Fluoride	mg/L	Interwell Background Value (UPL)	0.700						
		Analytical Result	**1.07**	0.23	0.24	0.57	0.2	0.24	0.48
pH	SU	Intrawell Background Value (UPL)	7.9	7.4	7.6	7.7	8.4	8.3	7.8
		Intrawell Background Value (LPL)	7.1	6.9	6.9	7.1	6.9	6.4	6.3
		Analytical Result	**9.1**	**8.9**	**9.5**	**9.5**	**8.9**	**8.9**	**8.6**
Sulfate	mg/L	Interwell Background Value (UPL)	76.0						
		Analytical Result	**83.6**	41	**97.2**	**178**	33.4	40.4	36.0
Total Dissolved Solids	mg/L	Interwell Background Value (UPL)	469						
		Analytical Result	380	360	450	**610**	350	320	400

Notes:
UPL: Upper prediction limit
LPL: Lower prediction limit
Bold values exceed the background value.
Background values are shaded gray.

ATTACHMENT A

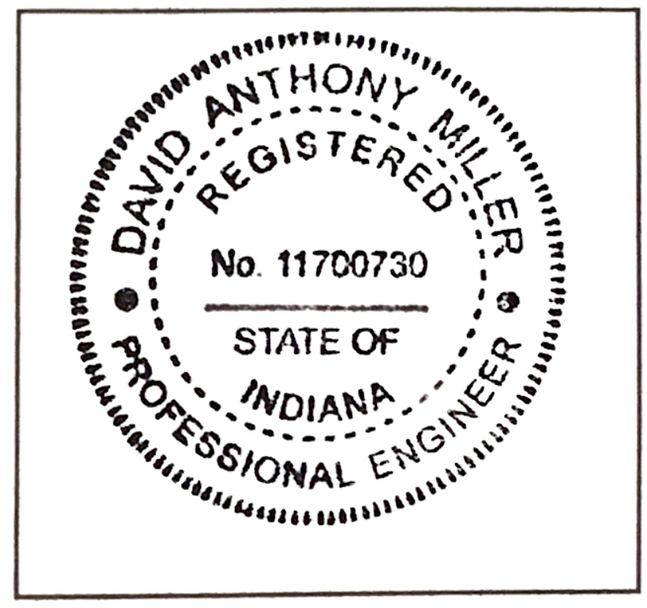
Certification by a Qualified Professional Engineer

Certification by Qualified Professional Engineer

I certify that the selected and above described statistical method is appropriate for evaluating the groundwater monitoring data for the Rockport Bottom Ash Pond CCR management area and that the requirements of 40 CFR 257.93(f) have been met.

DAVID ANTHONY MILLER

Printed Name of Licensed Professional Engineer



David Anthony Miller

Signature

11700730	INDIANA	09.03.21
License Number	Licensing State	Date

ATTACHMENT B

Statistical Analysis Output

GROUNDWATER STATS CONSULTING

August 26, 2021

Geosyntec Consultants
Attn: Ms. Allison Kreinberg
941 Chatham Lane, #103
Columbus, OH 43221

Re: Rockport Bottom Ash Pond
May 2021 Assessment Monitoring Analysis

Dear Ms. Kreinberg,

Groundwater Stats Consulting (GSC), formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the statistical evaluation of groundwater data for the May 2021 Assessment Monitoring event at American Electric Power Inc.'s Rockport Bottom Ash Pond. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals from Electric Utilities (CCR Rule, 2015) as well as with the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began at the site for the CCR program in 2016. The monitoring well network, as provided by Geosyntec Consultants, consists of the following:

- **Upgradient wells:** MW-1600D, MW-1600I, MW-1600S, MW-1601D, MW-1601I, MW-1601S; MW-1701S, MW-1702D, MW-1702I, MW-1702S, MW-1701D, and MW-1701I
- **Downgradient wells:** MW-1002, MW-1602D, MW-1602I, MW-1603D, MW-1603I, MW-1603S, MW-1604D, MW-1604I, MW-1604S, MW-1605D, MW-1605I, MW-1605S, MW-1606D, MW-1606I, and MW-1606S

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Groundwater Statistician and Founder of Groundwater Stats Consulting. The statistical analysis was conducted according to the January 2018 screening evaluation prepared by GSC and approved by Dr. Kirk Cameron.

The CCR program consists of the following constituents:

- **Appendix IV** (Assessment Monitoring) **–** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

Time series plots for all well/constituent pairs are provided and are particularly useful for screening parameters detected in downgradient wells which require statistical analyses (Figure A). Additionally, a separate section of box plots is included for all constituents at both upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

Due to varying detection limits in background data sets resulting from improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. In some cases, the reporting limit provided by the laboratory contained varying limits for a given parameter; therefore, the substitution may differ from well to well. This generally gives the most conservative limit in each case. However, in the time series plots, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

Background Screening Summary – Conducted in December 2019

Background data were screened for outliers and extreme trending patterns that would lead to artificially elevated statistical limits. During the previous screening, Tukey's outlier test identified several values that were flagged accordingly in the database. However, several values that were not identified as outliers through Tukey's test were flagged because they were considerably higher than the other measurements and did not appear to represent the population at their respective well. These values were deselected prior to the construction of upper tolerance limits and confidence intervals. Note that the reporting limit during the June 2019 event for molybdenum in many of the wells was 0.01 mg/L, which is higher than the historical reporting limit of 0.002 mg/L, as well as higher than all of the detected values for these wells. This reporting limit was flagged as an outlier.

Background Update – Conducted in February 2021

Outlier Analysis

Prior to evaluating Appendix IV parameters, background (upgradient) data through November 2020 were screened with visual screening for any new potential outliers or extreme trending patterns that would lead to artificially elevated statistical limits. High outliers are also 'cautiously' flagged in the downgradient wells when they are clearly much different from the rest of the data. This is intended to be a regulatory conservative approach in that it will reduce the variance and thus reduce the width of parametric confidence intervals; although it will also reduce the mean and thus lower the entire interval. The intent is to better represent the actual downgradient mean. No new values were flagged as outliers for Appendix IV parameters during the background update. A list of flagged values follows this report (Figure C).

Tolerance Limits

Interwell upper tolerance limits were used to calculate the site-specific background limits from pooled upgradient well data for Appendix IV parameters through November 2020 (Figure D). Parametric tolerance limits are used when data follow a normal or transformed-normal distribution and use a target of 95% confidence and 95% coverage. The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. When data contained greater than 50% non-detects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were used. The background limits were then used when determining the groundwater protection standard (GWPS) (Figure E). GWPS will be updated during Fall 2021.

Evaluation of Appendix IV Parameters – May 2021

Confidence intervals were then constructed with data through May 2021 on downgradient wells for each of the Appendix IV parameters using the highest limit of the MCL, CCR-Rule specified levels, or background limit as the GWPS, as discussed above (Figure F). Only when the entire confidence interval is above a GWPS is the well/constituent pair considered to exceed its respective standard. If there is an exceedance of the GWPS, a statistically significant level (SSL) exceedance is identified. No confidence interval exceedances were found for any of the downgradient wells. A summary of the confidence interval results follows this letter.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for the Rockport Bottom Ash Pond. If you have any questions or comments, please feel free to contact us.

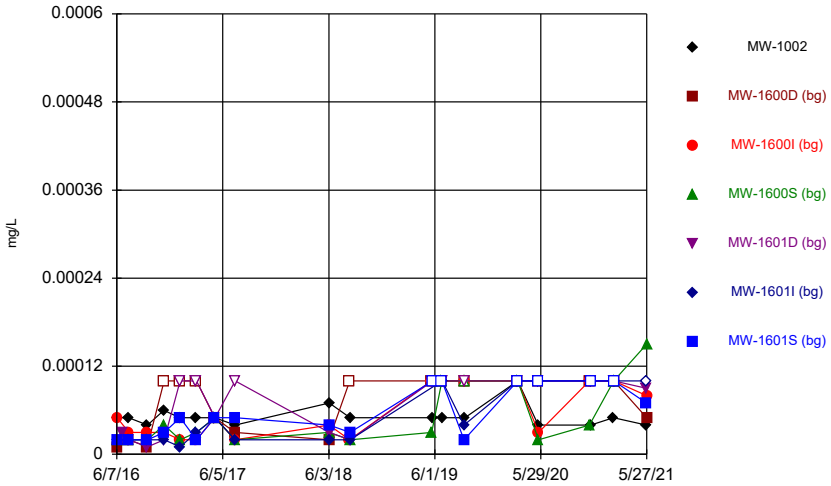
For Groundwater Stats Consulting,

Andrew T. Collins
Project Manager

Kristina L. Rayner
Groundwater Statistician

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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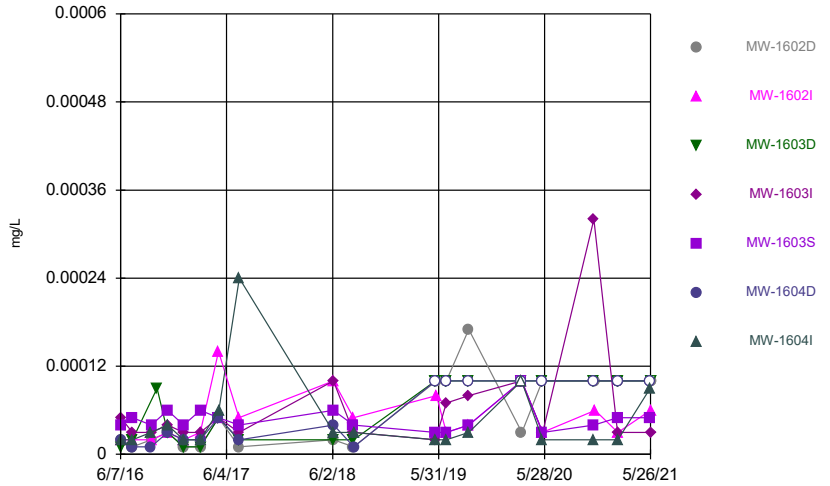
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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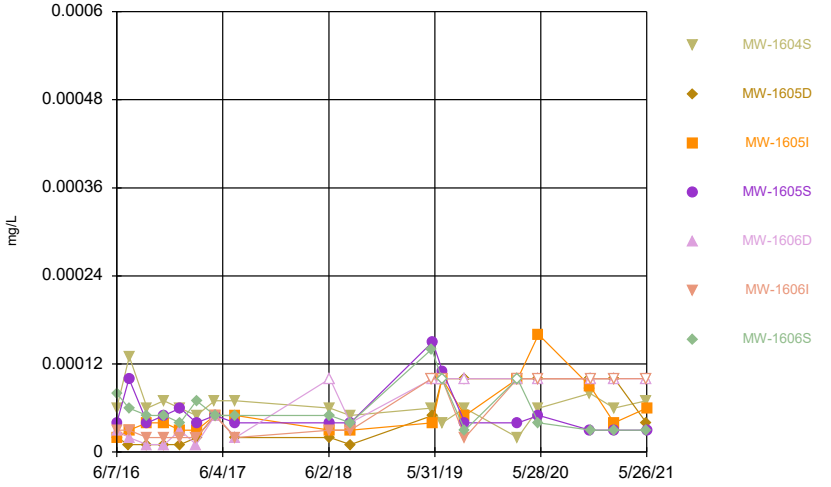
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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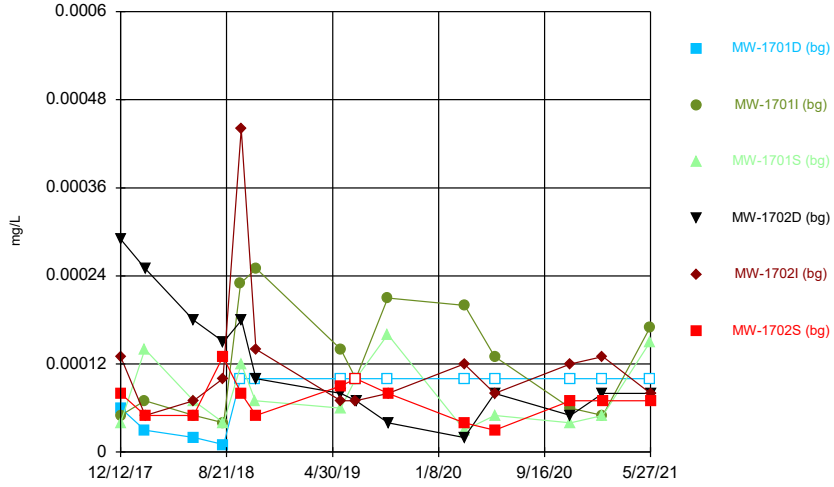
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

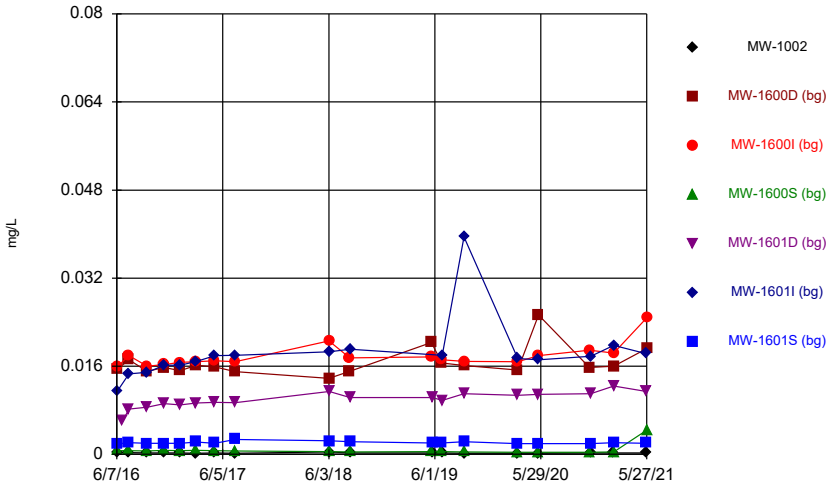
Time Series



Constituent: Antimony, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

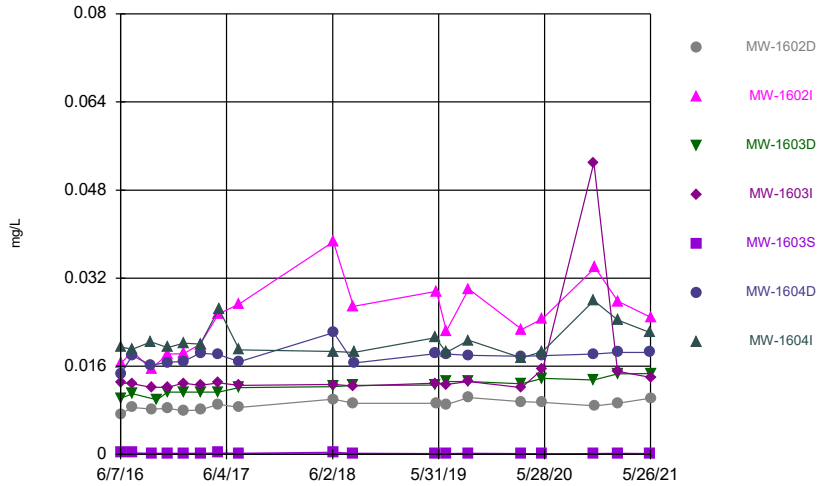
Time Series



Constituent: Arsenic, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

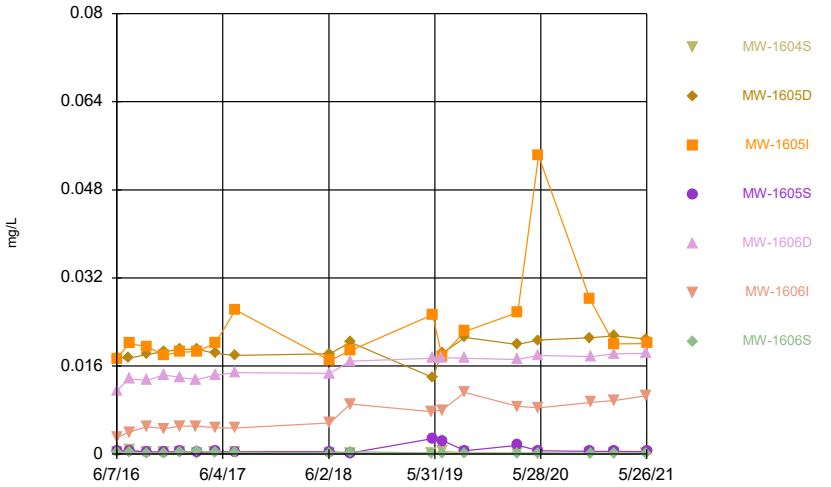
Time Series



Constituent: Arsenic, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

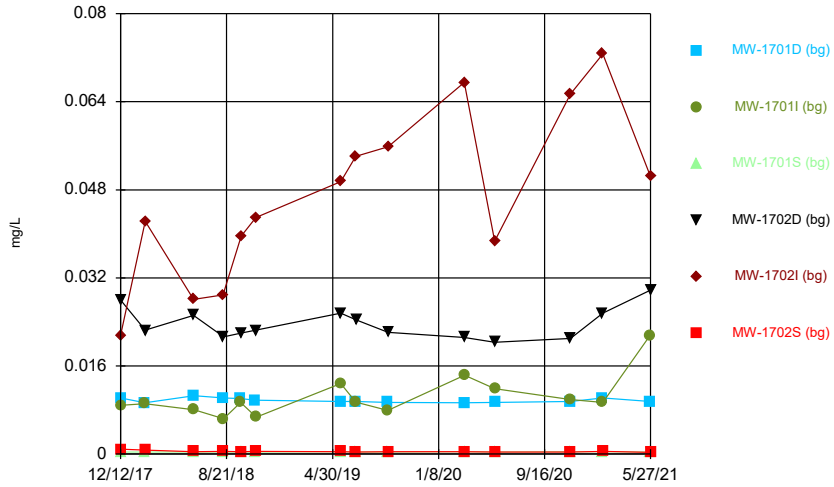
Time Series



Constituent: Arsenic, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

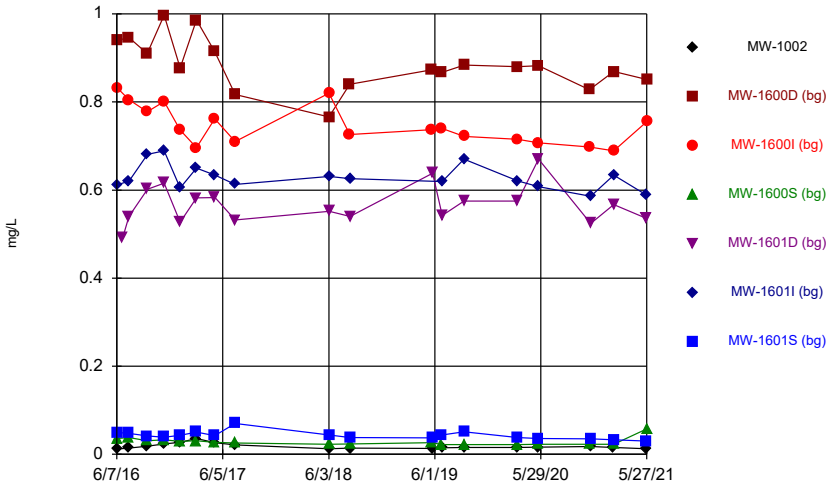
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series



Constituent: Arsenic, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

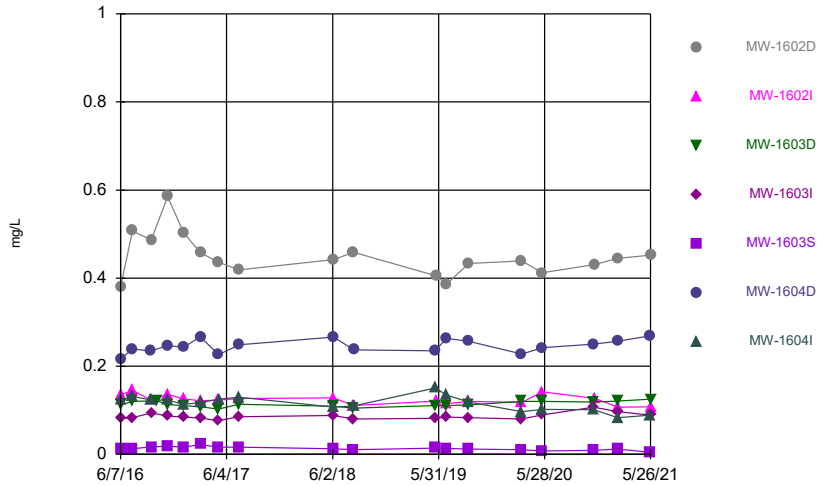
Time Series



Constituent: Barium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

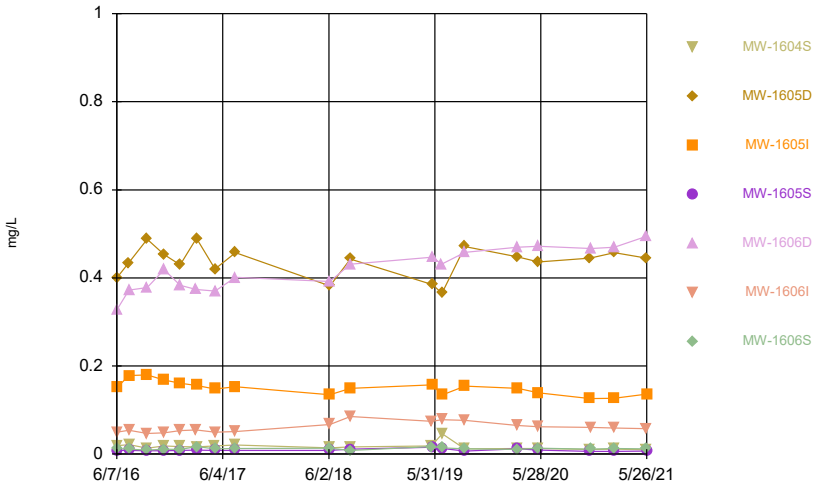
Time Series



Constituent: Barium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

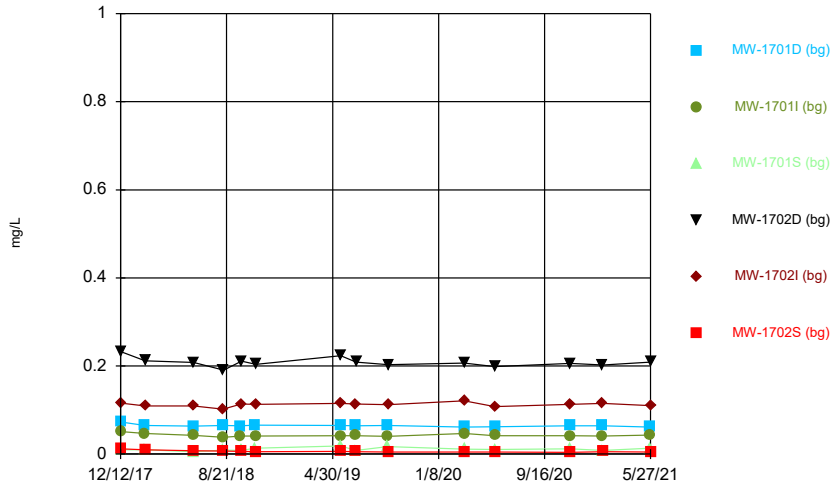
Time Series



Constituent: Barium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

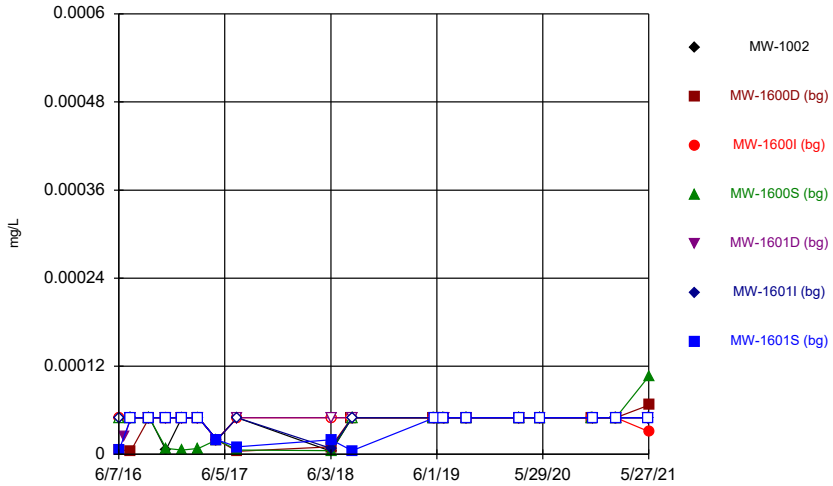
Time Series



Constituent: Barium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

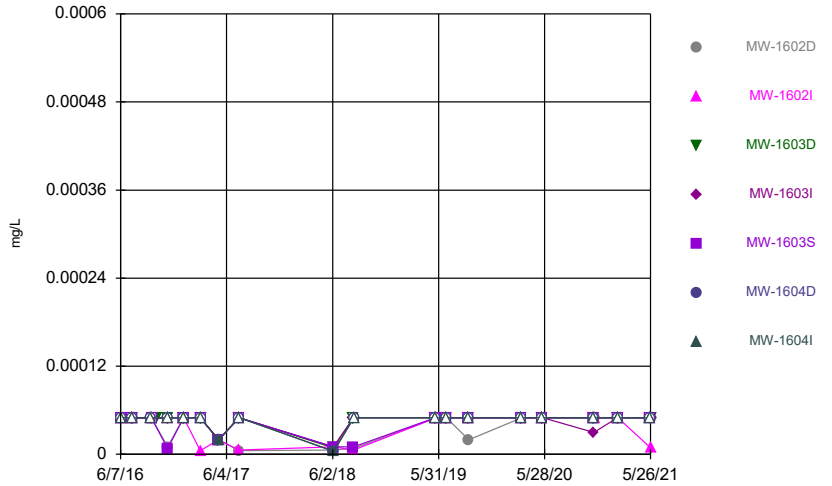
Time Series



Constituent: Beryllium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

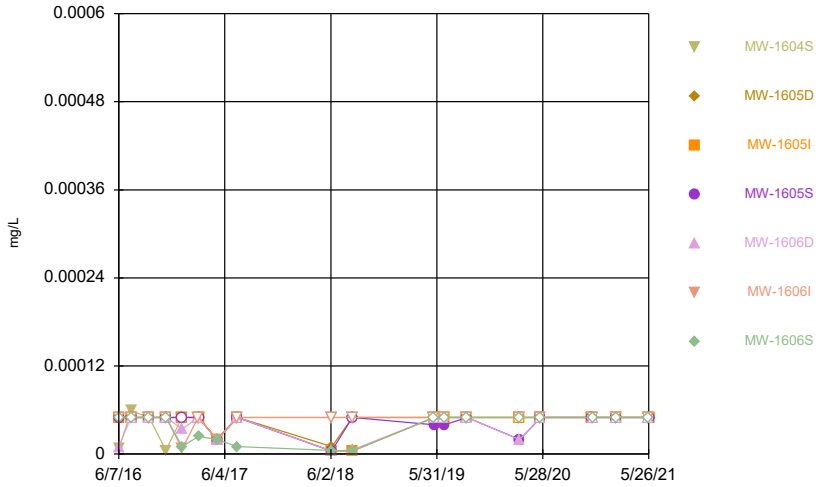
Time Series



Constituent: Beryllium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

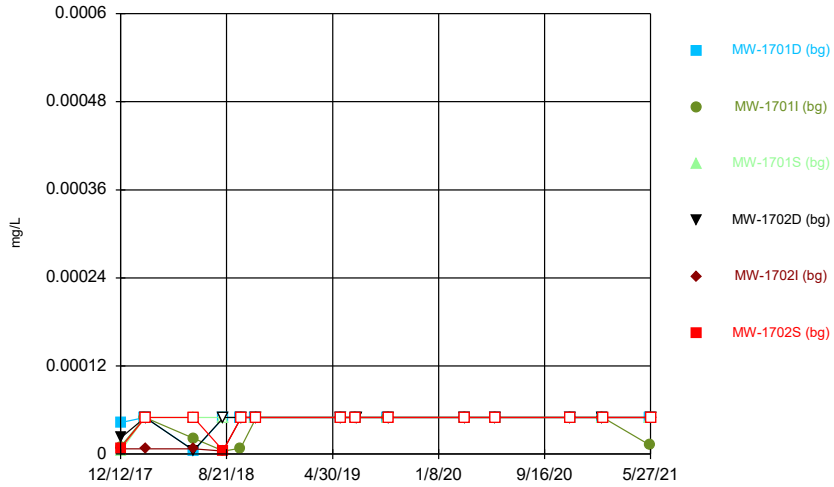
Time Series



Constituent: Beryllium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

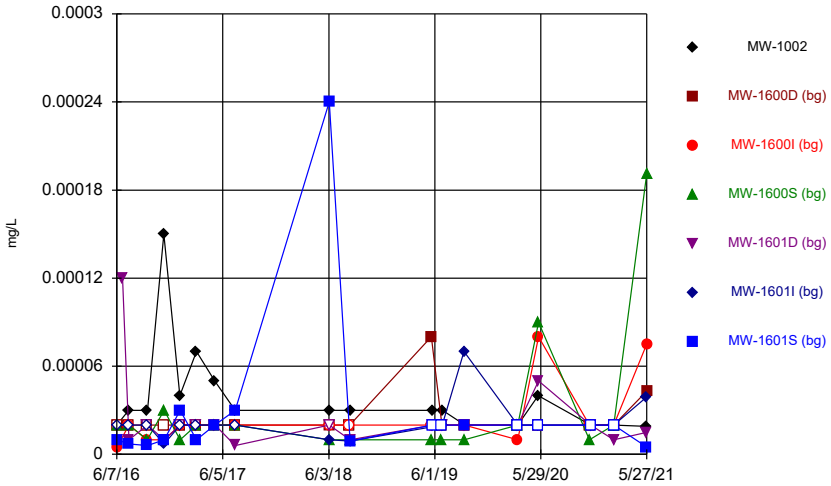
Time Series



Constituent: Beryllium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

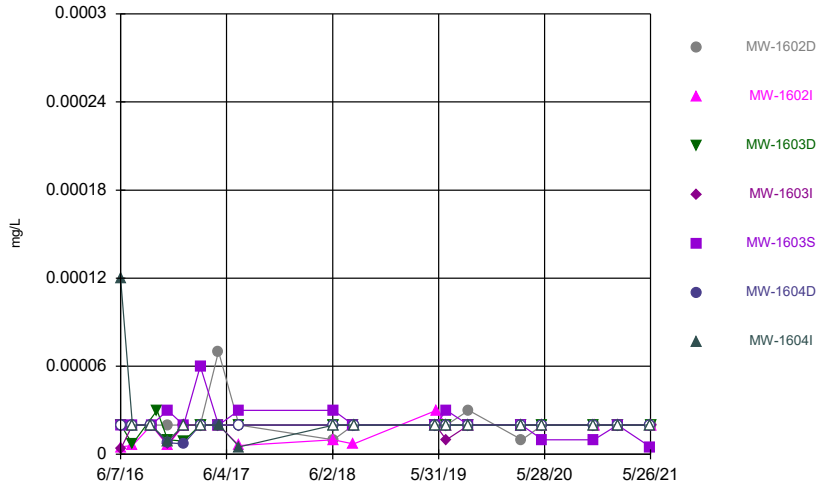
Time Series



Constituent: Cadmium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

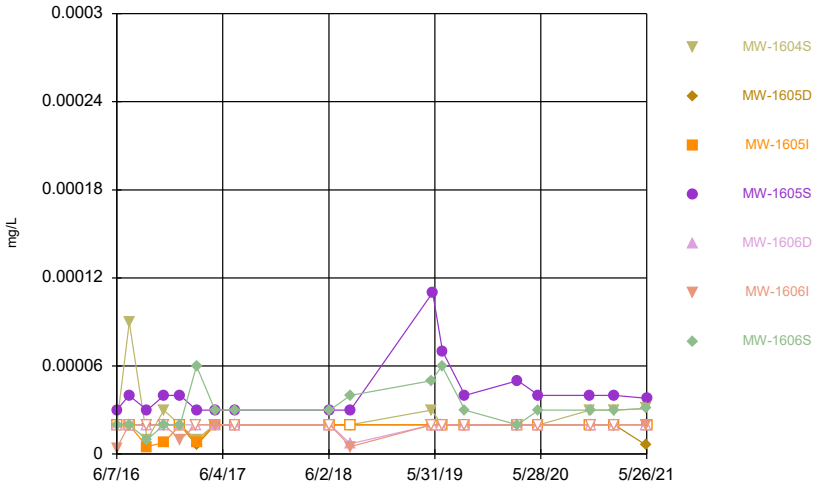
Time Series



Constituent: Cadmium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

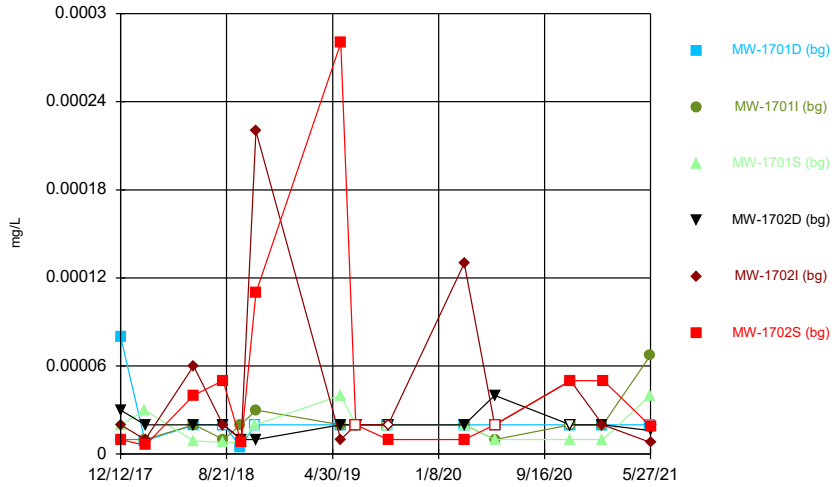
Time Series



Constituent: Cadmium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

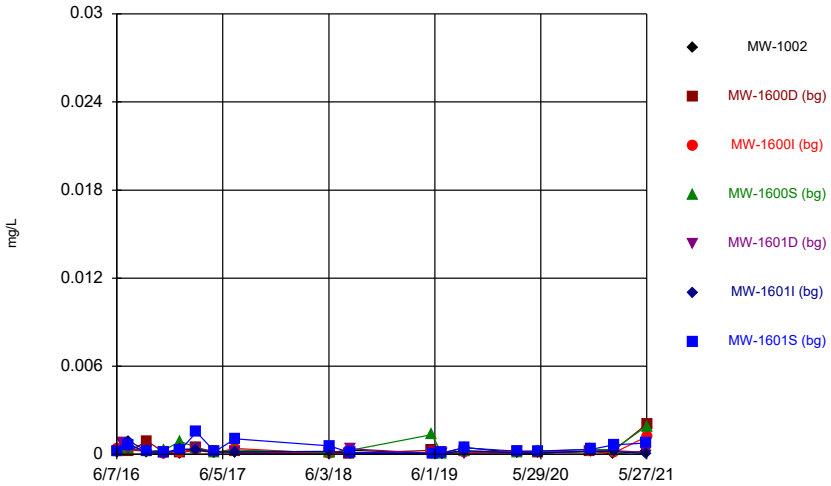
Time Series



Constituent: Cadmium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

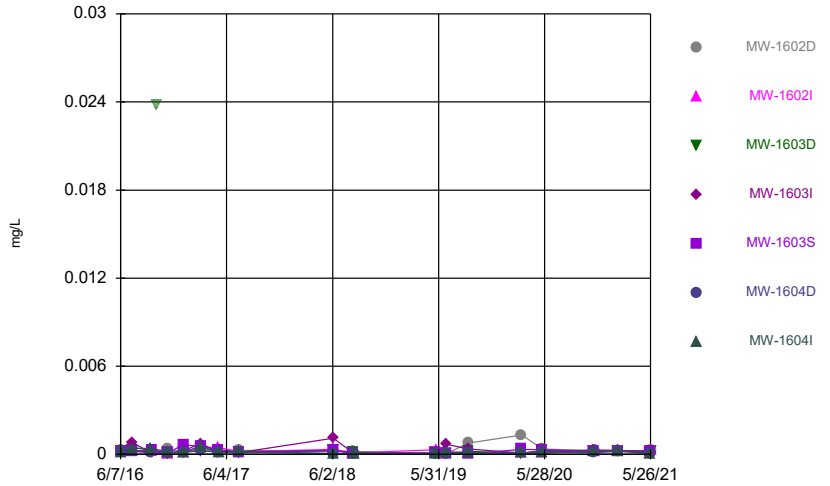
Time Series



Constituent: Chromium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

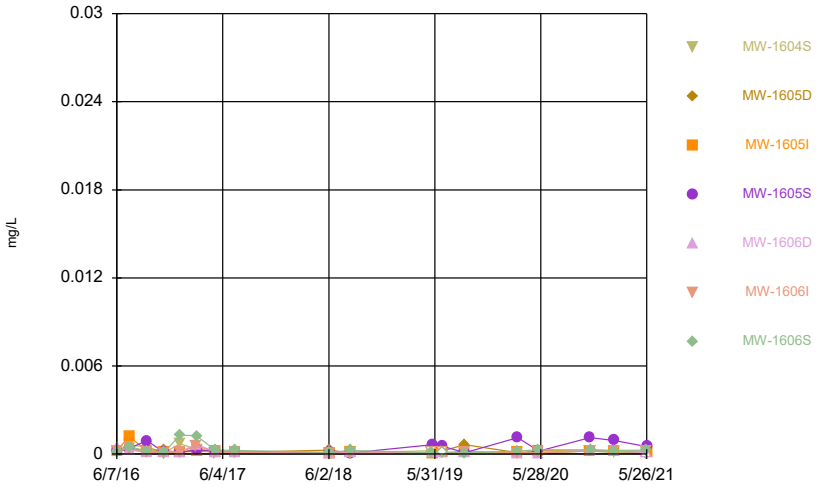
Time Series



Constituent: Chromium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

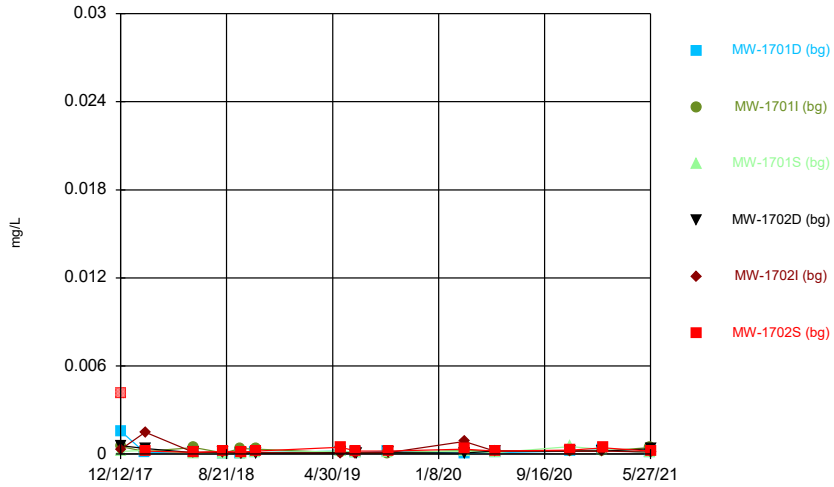
Time Series



Constituent: Chromium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

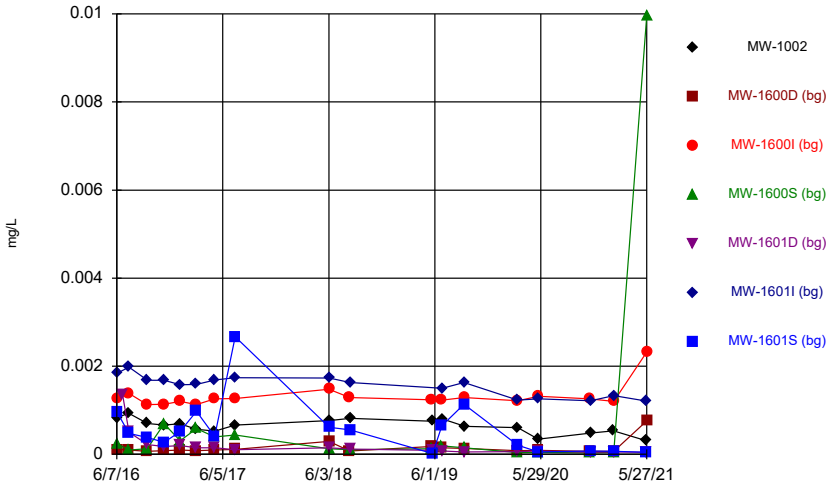
Time Series



Constituent: Chromium, total Analysis Run 8/26/2021 1:09 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series

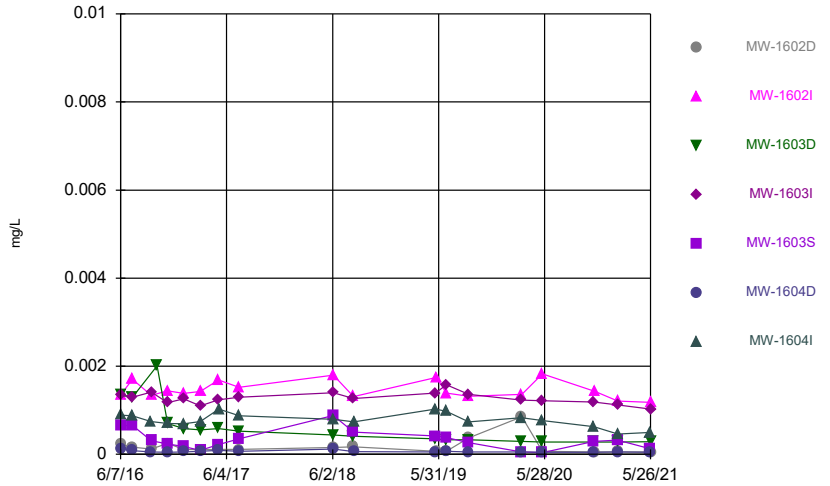


Constituent: Cobalt, total Analysis Run 8/26/2021 1:09 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series



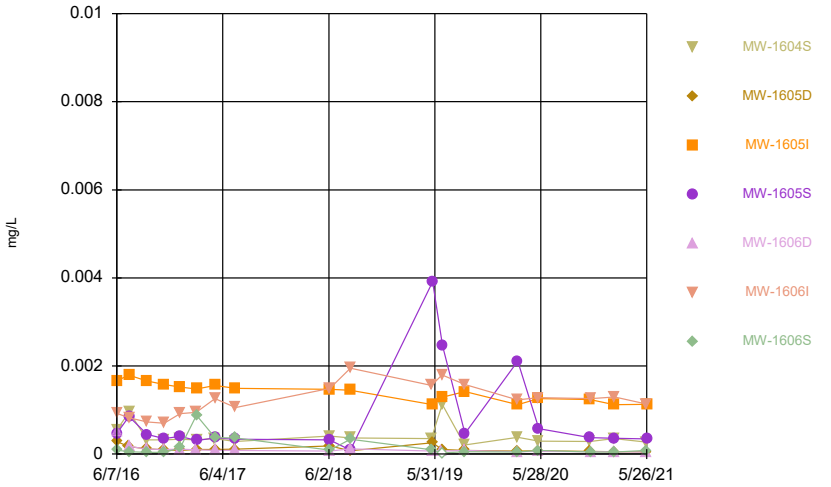
Constituent: Cobalt, total Analysis Run 8/26/2021 1:09 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series



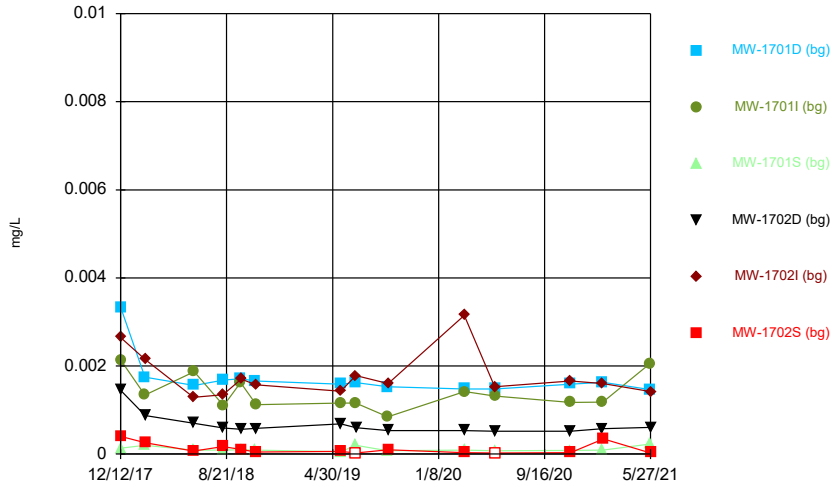
Constituent: Cobalt, total Analysis Run 8/26/2021 1:09 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

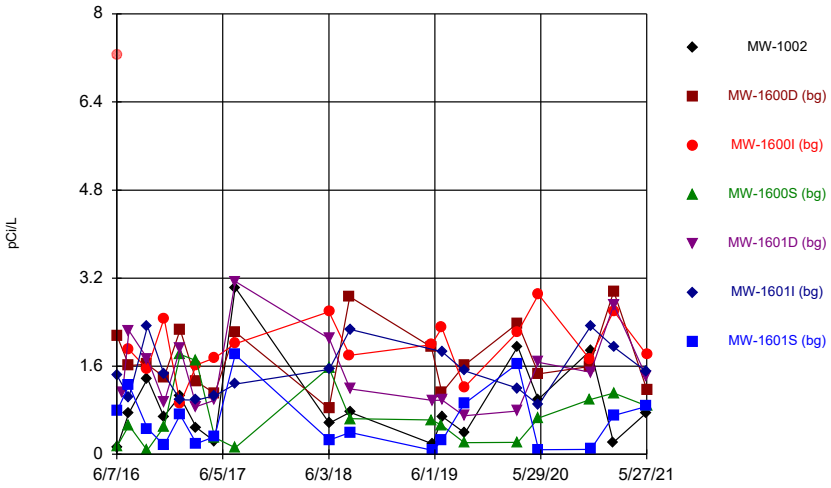


Constituent: Cobalt, total Analysis Run 8/26/2021 1:09 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series

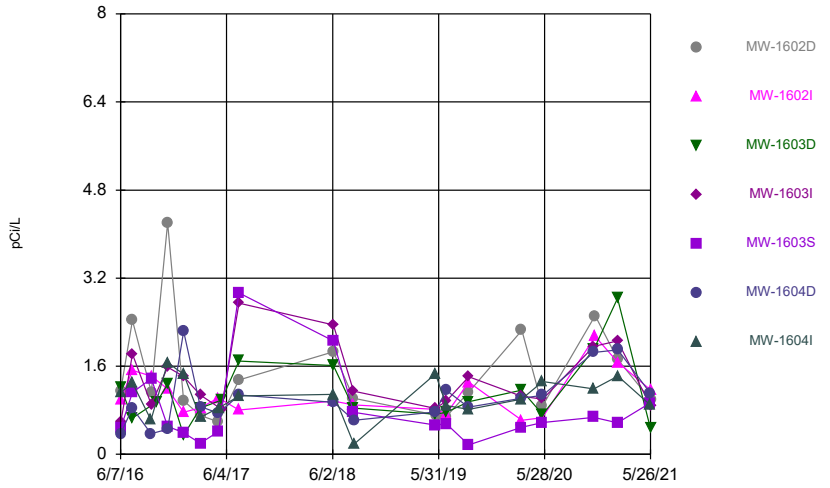


Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 1:09 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series

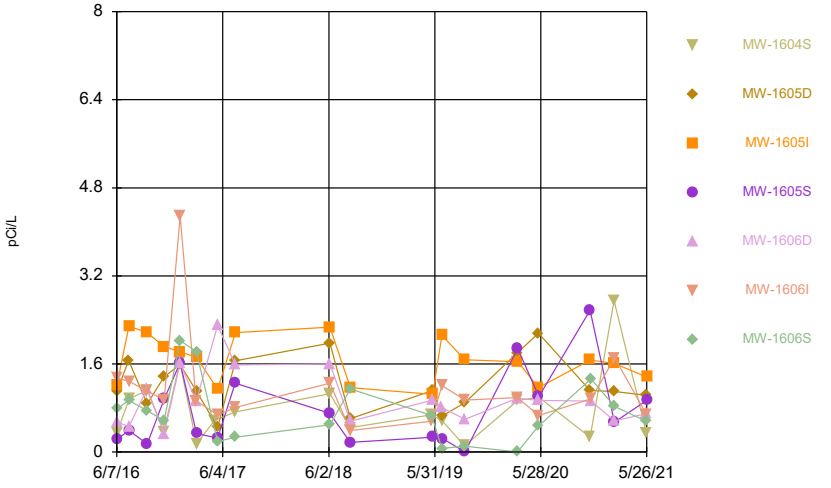


Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 1:09 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series

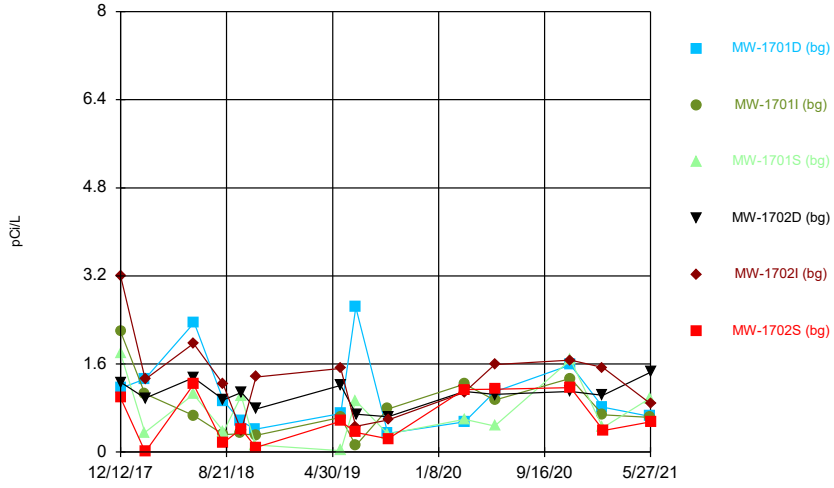


Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 1:09 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series

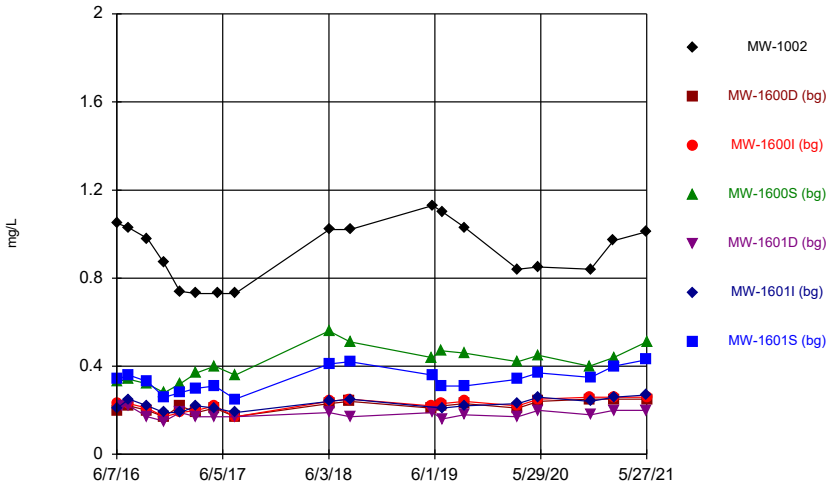


Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 1:10 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series

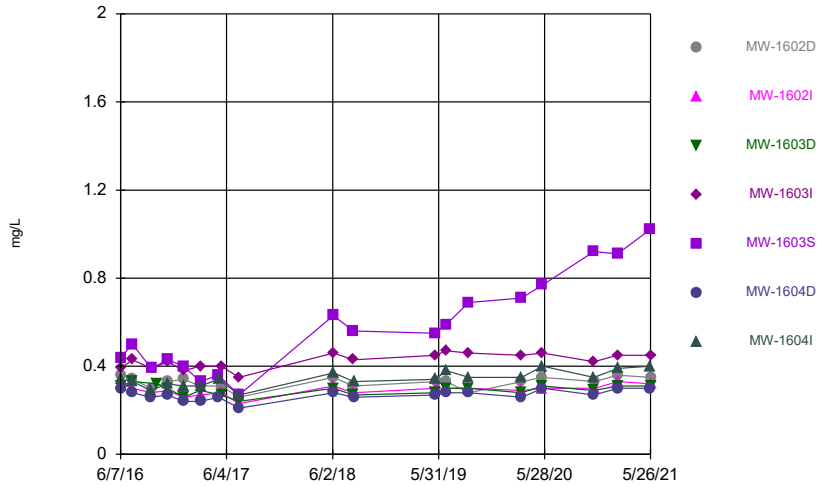


Constituent: Fluoride, total Analysis Run 8/26/2021 1:10 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series

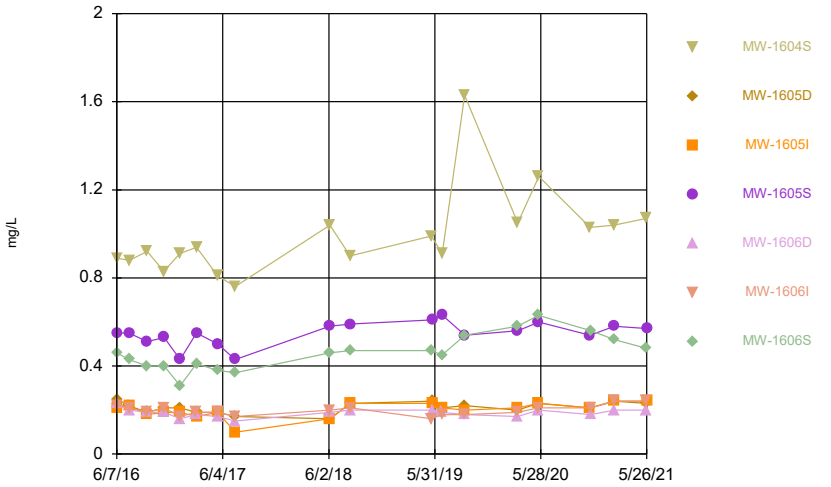


Constituent: Fluoride, total Analysis Run 8/26/2021 1:10 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series

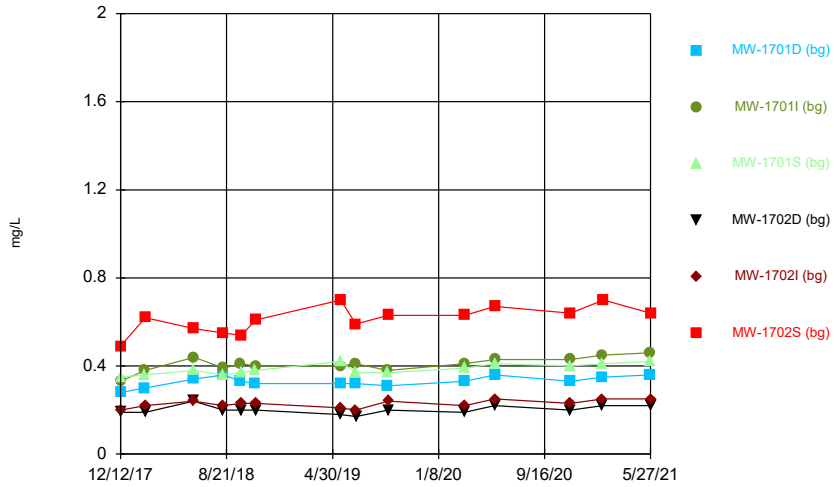


Constituent: Fluoride, total Analysis Run 8/26/2021 1:10 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Time Series

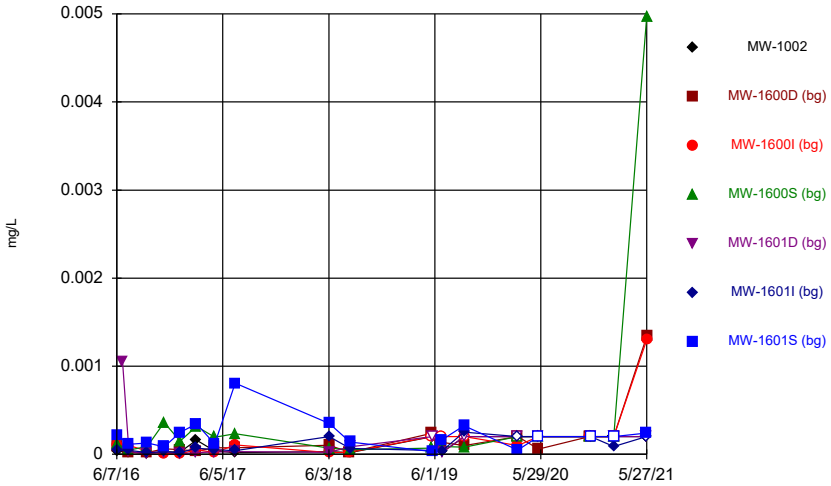


Constituent: Fluoride, total Analysis Run 8/26/2021 1:10 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

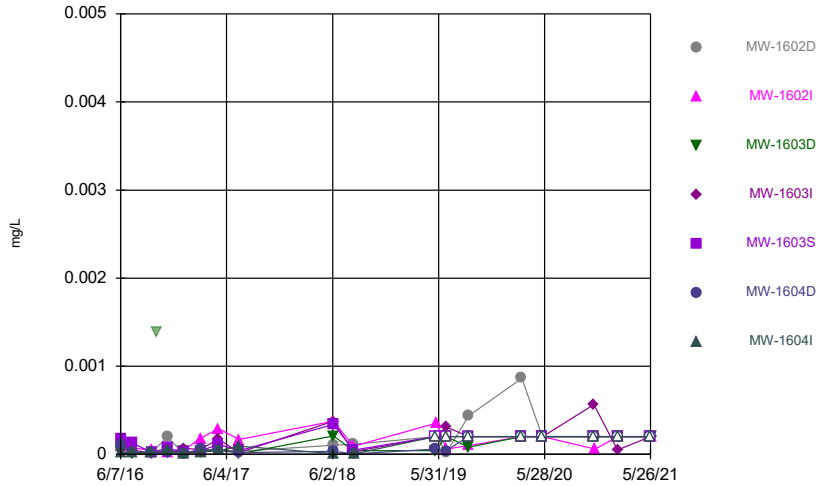
Time Series



Constituent: Lead, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

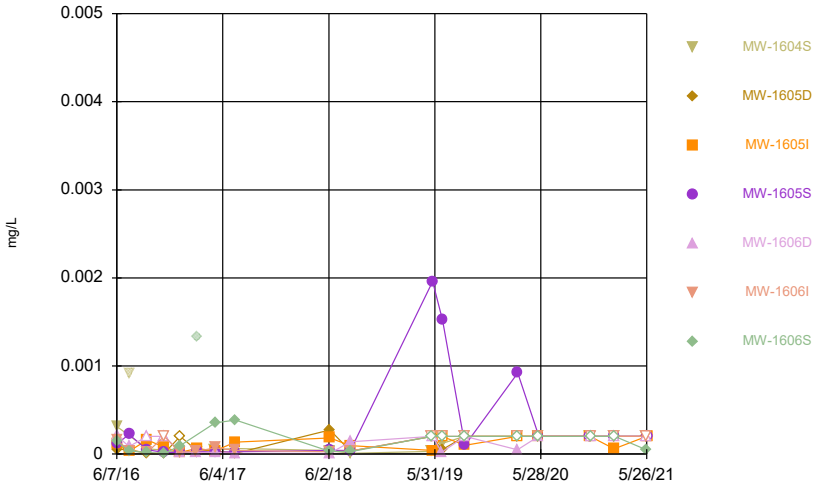
Time Series



Constituent: Lead, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

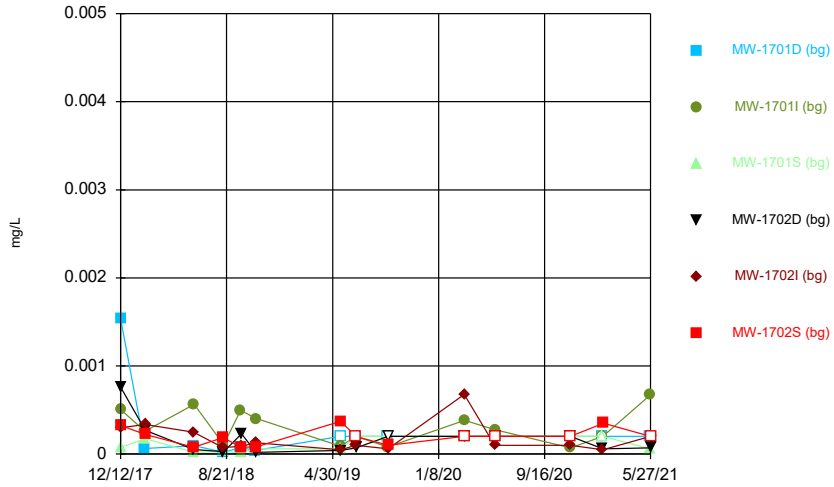
Time Series



Constituent: Lead, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

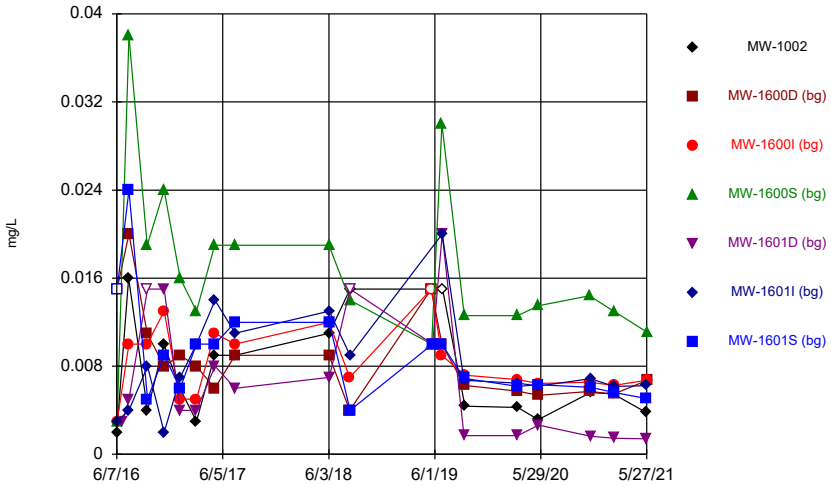
Time Series



Constituent: Lead, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

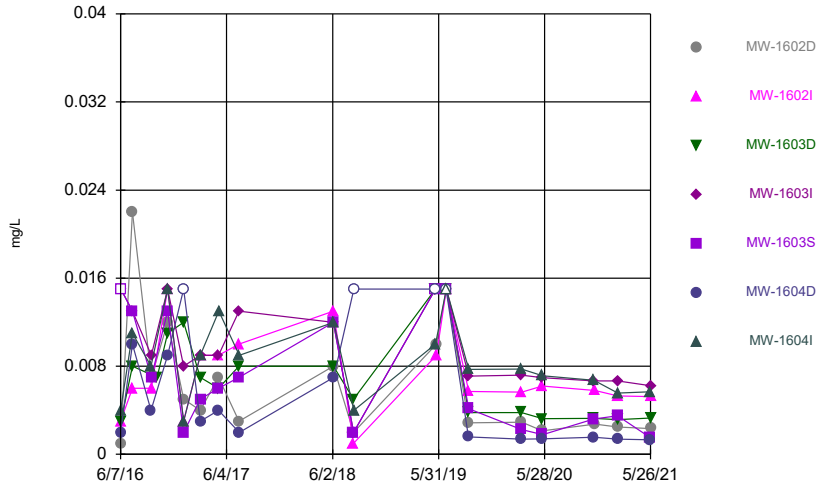
Time Series



Constituent: Lithium, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

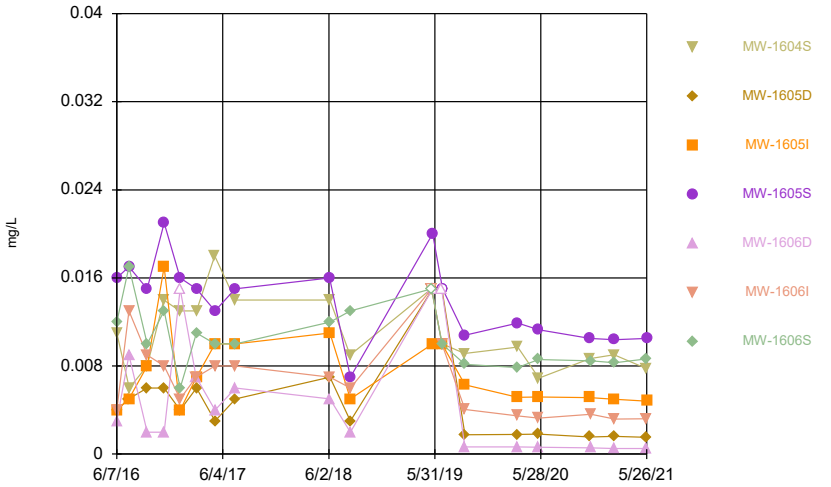
Time Series



Constituent: Lithium, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

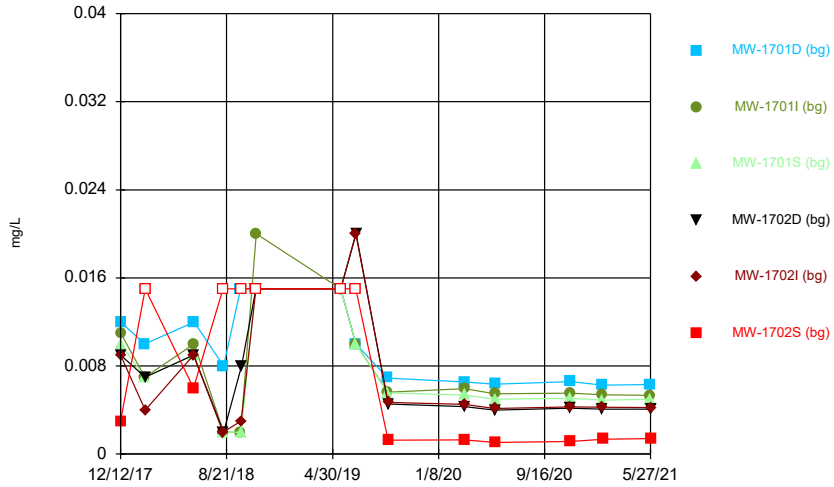
Time Series



Constituent: Lithium, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

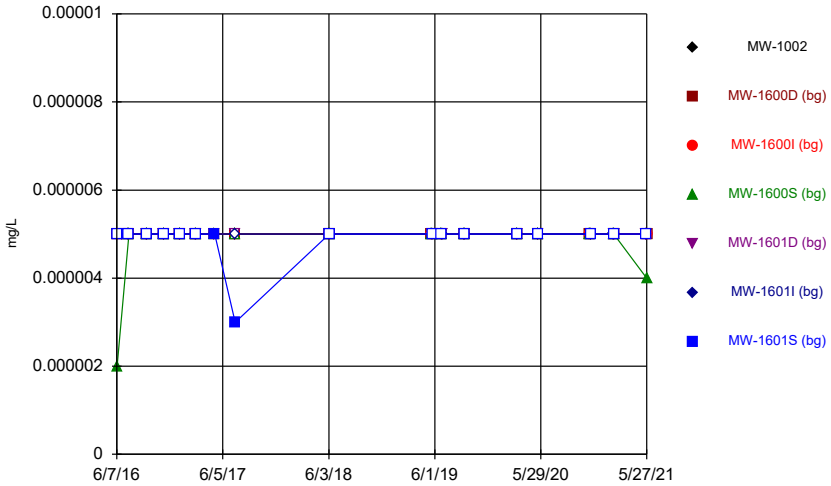
Time Series



Constituent: Lithium, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

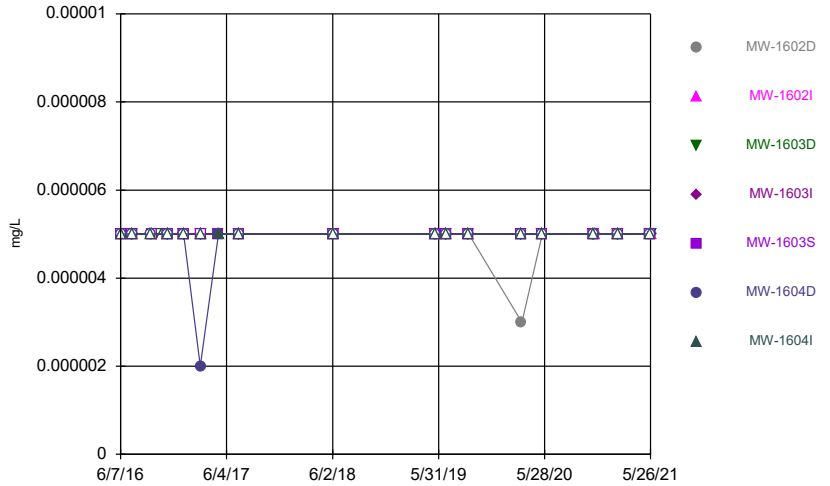
Time Series



Constituent: Mercury, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

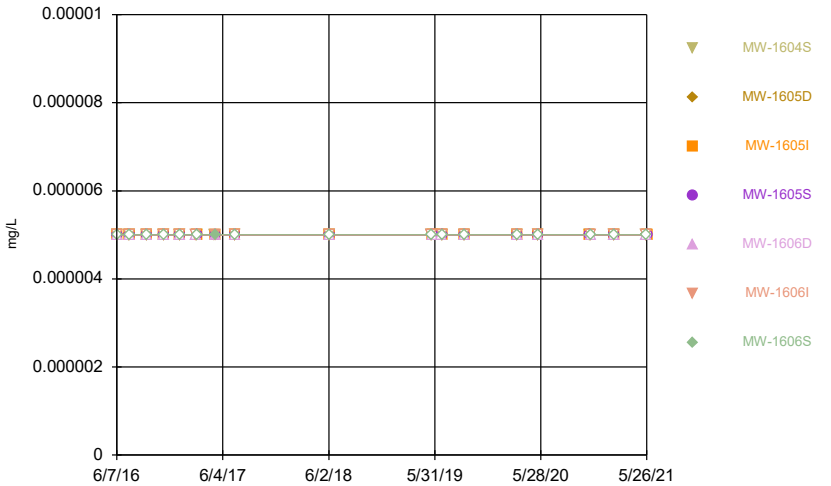
Time Series



Constituent: Mercury, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

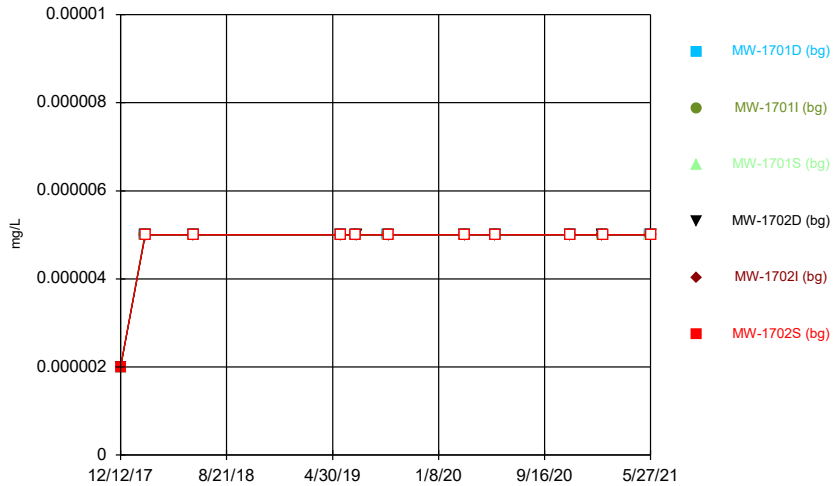
Time Series



Constituent: Mercury, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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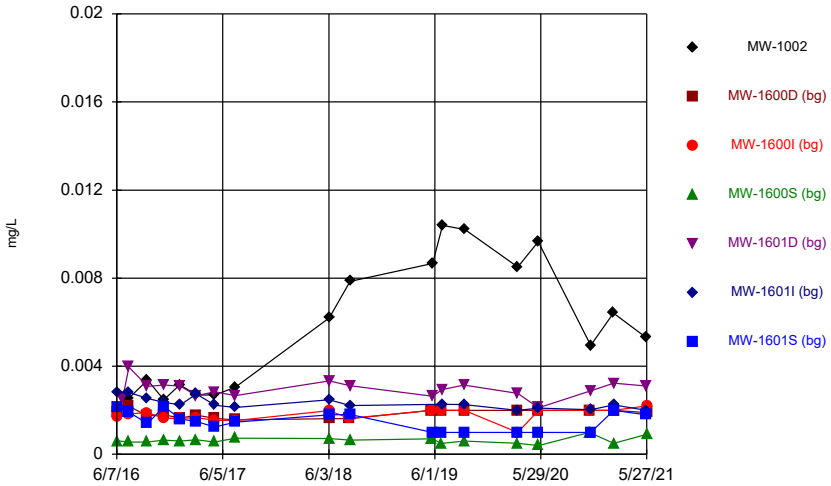
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

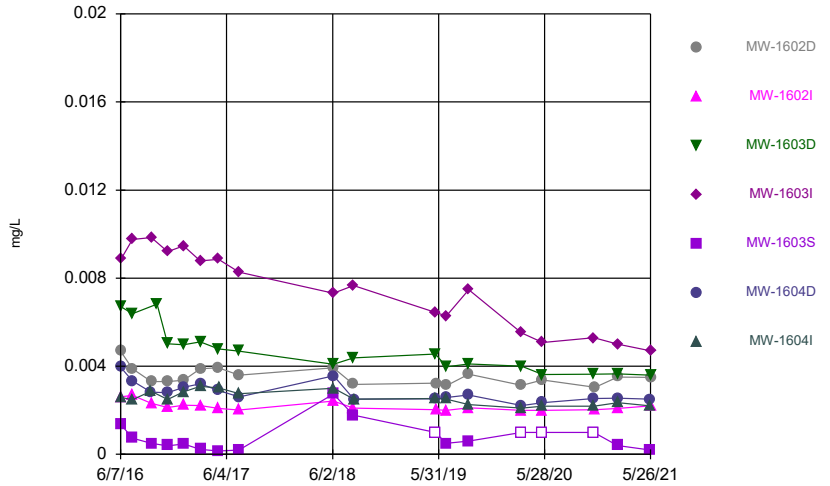
Time Series



Constituent: Molybdenum, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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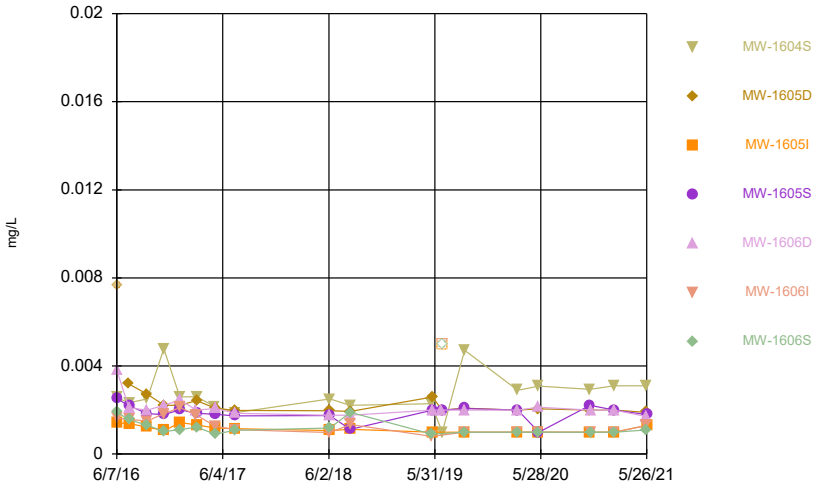
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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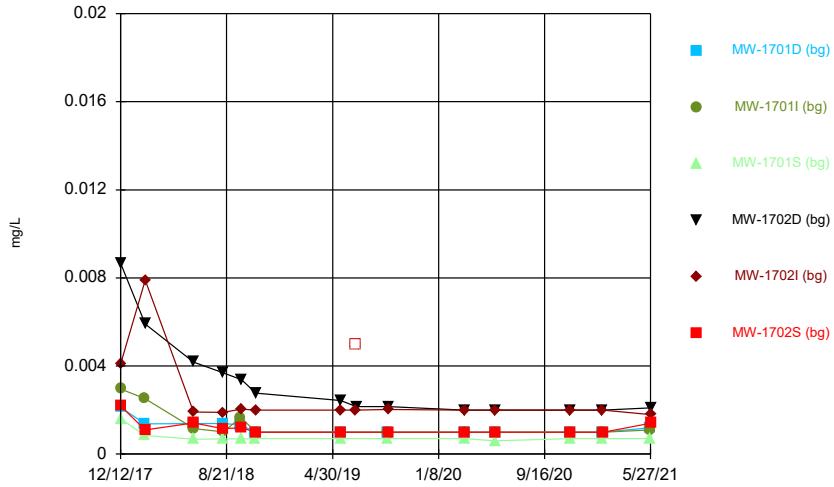
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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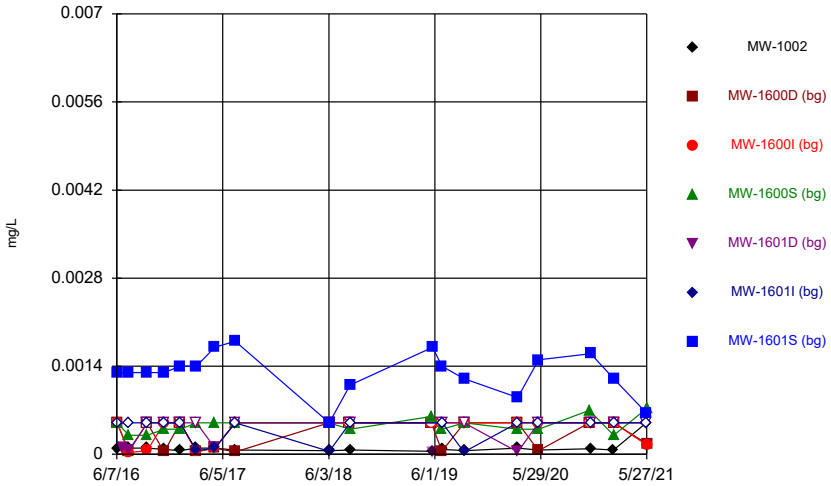
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

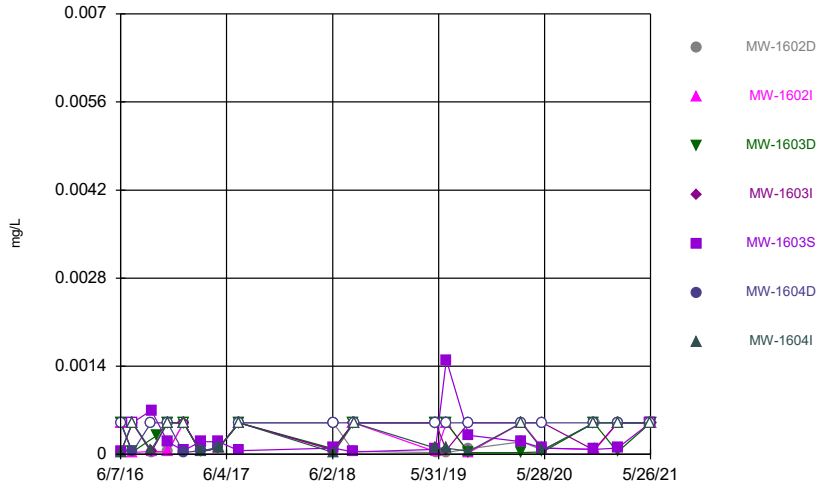
Time Series



Constituent: Selenium, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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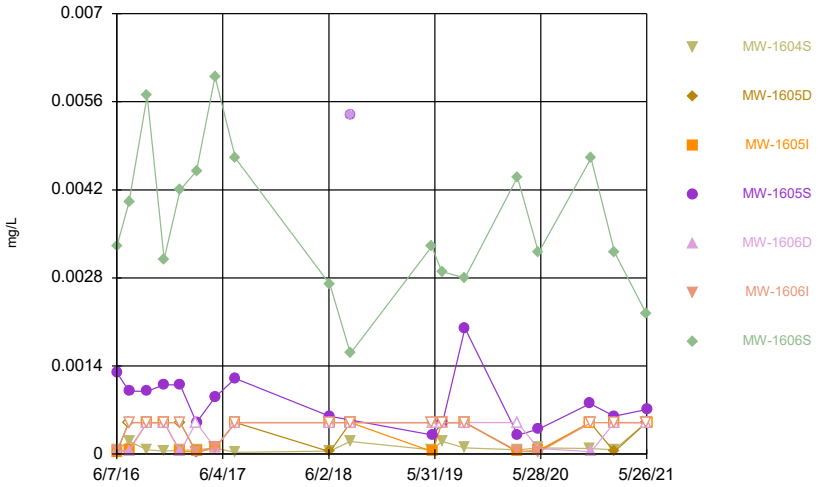
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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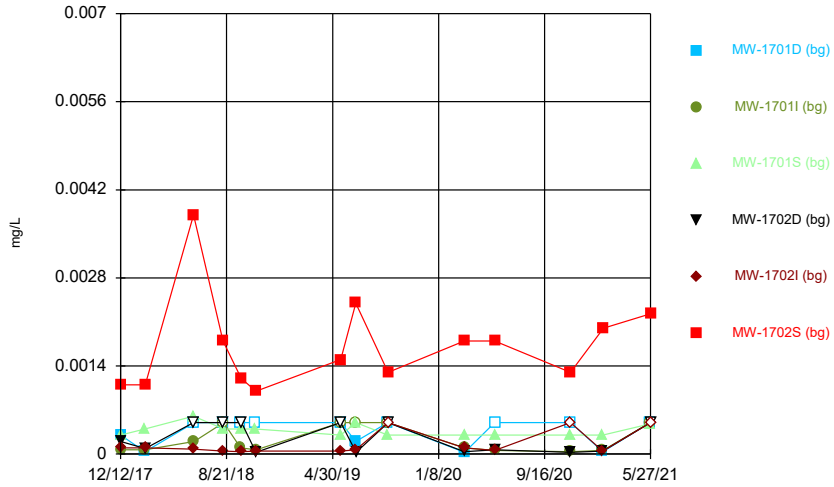
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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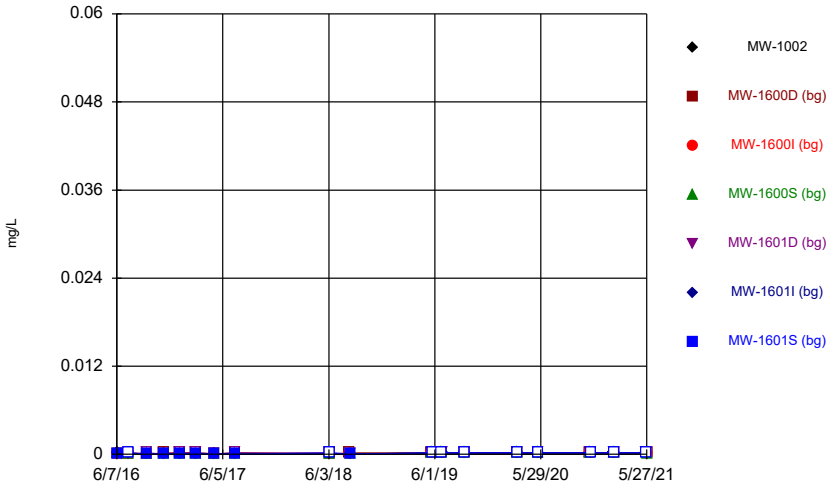
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

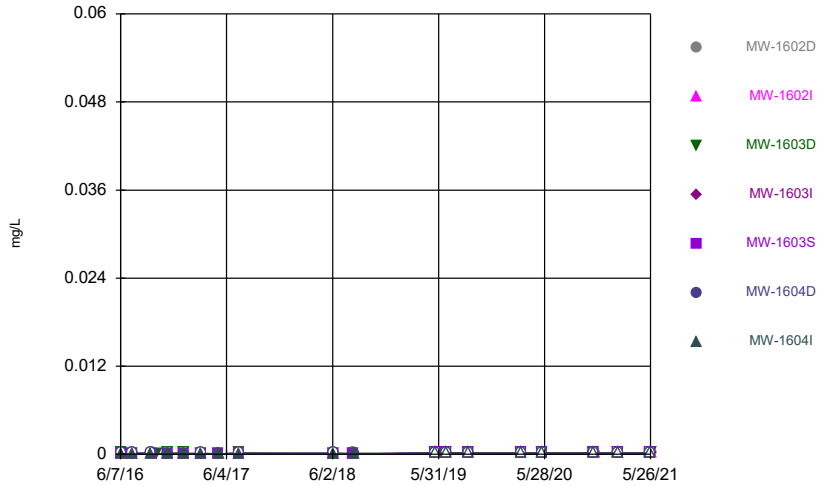
Time Series



Constituent: Thallium, total Analysis Run 8/26/2021 1:10 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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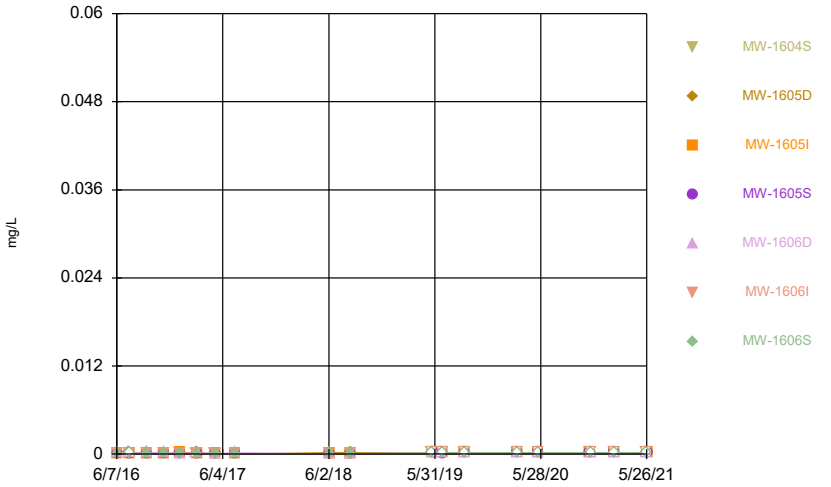
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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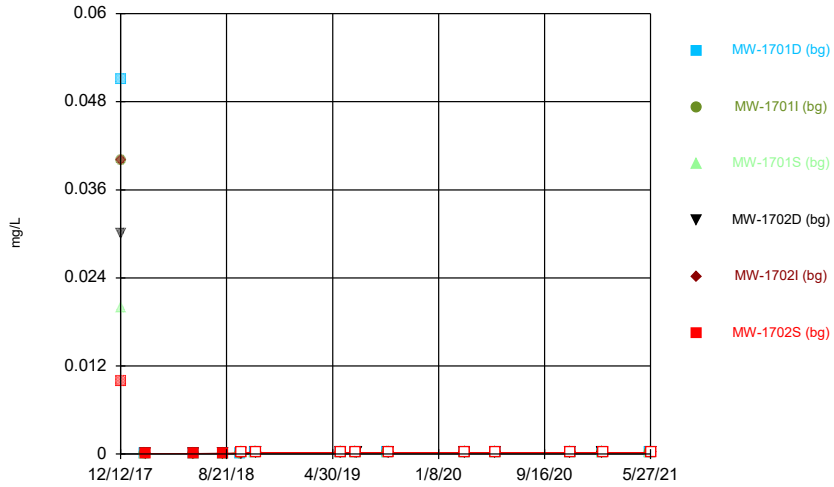
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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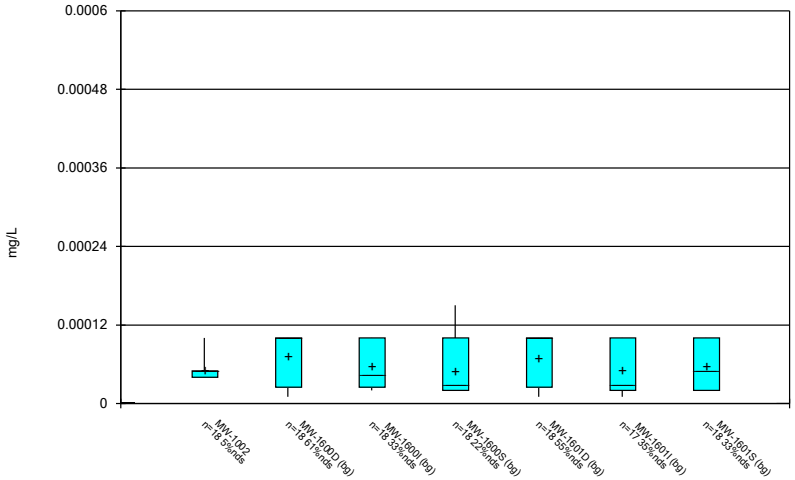
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Box & Whiskers Plot

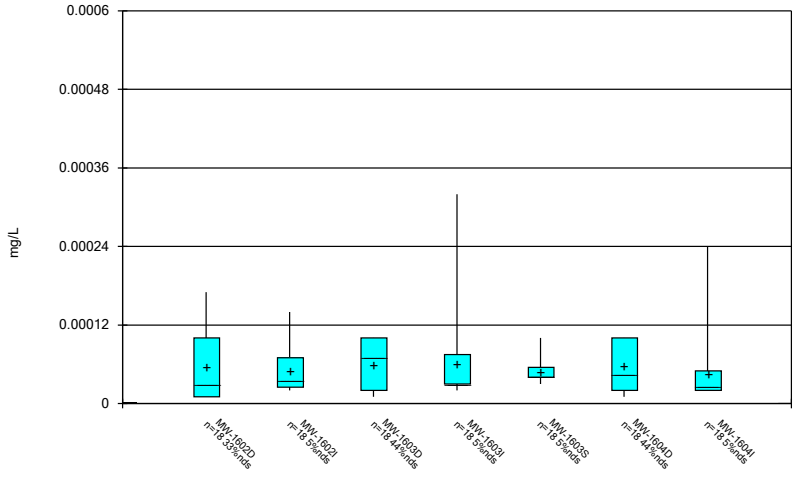


Constituent: Antimony, total Analysis Run 8/26/2021 1:19 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

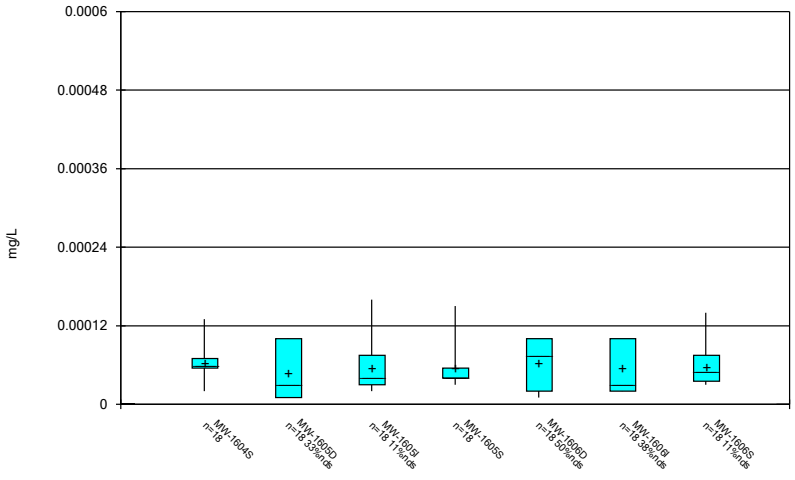


Constituent: Antimony, total Analysis Run 8/26/2021 1:19 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

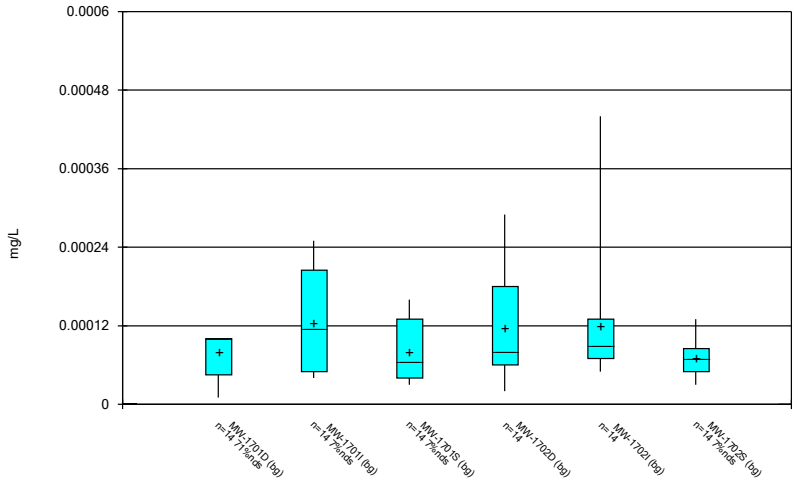


Constituent: Antimony, total Analysis Run 8/26/2021 1:19 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



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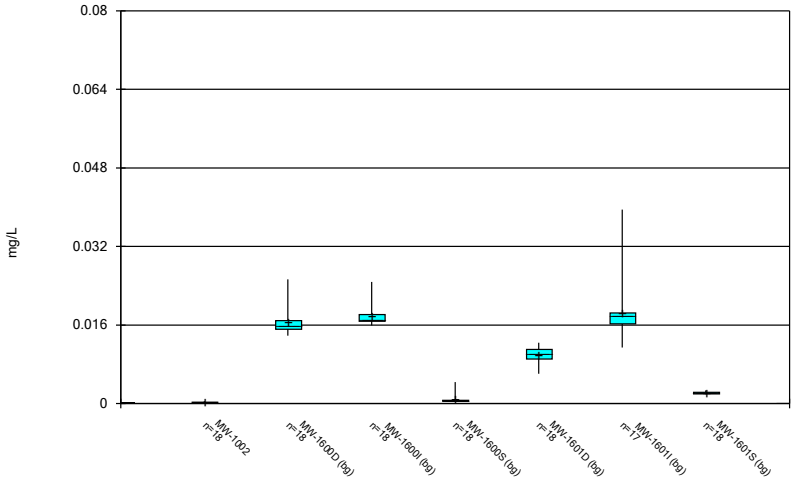
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Box & Whiskers Plot



Constituent: Arsenic, total Analysis Run 8/26/2021 1:19 PM
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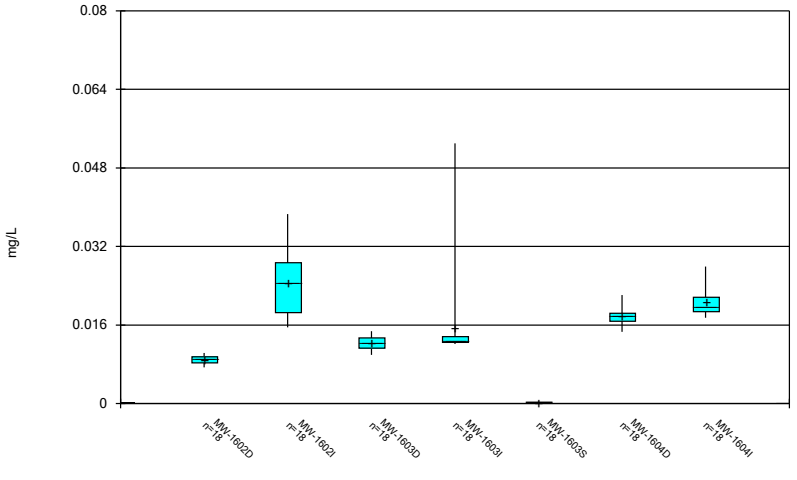
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

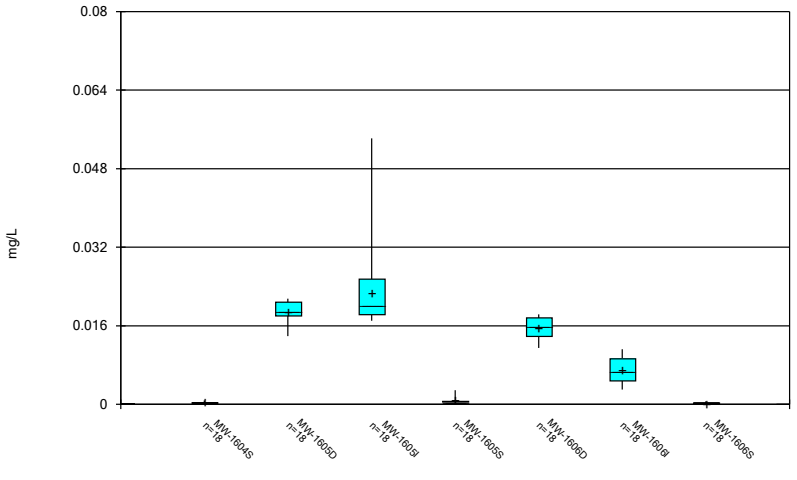
Box & Whiskers Plot



Constituent: Arsenic, total Analysis Run 8/26/2021 1:19 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



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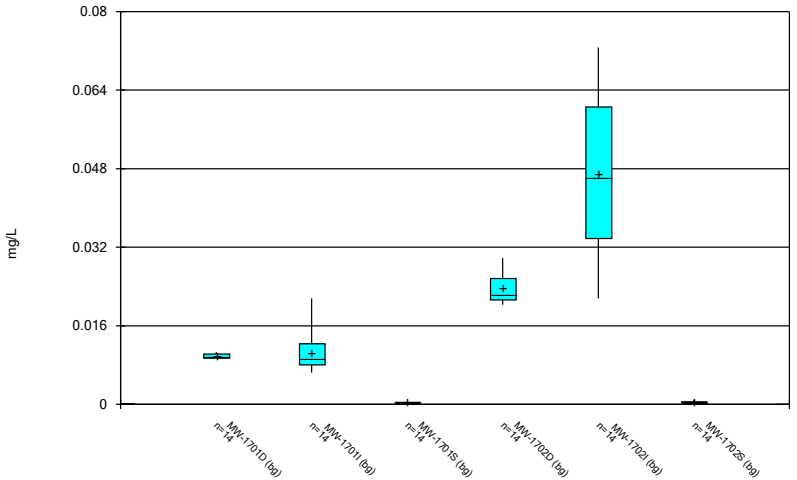
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



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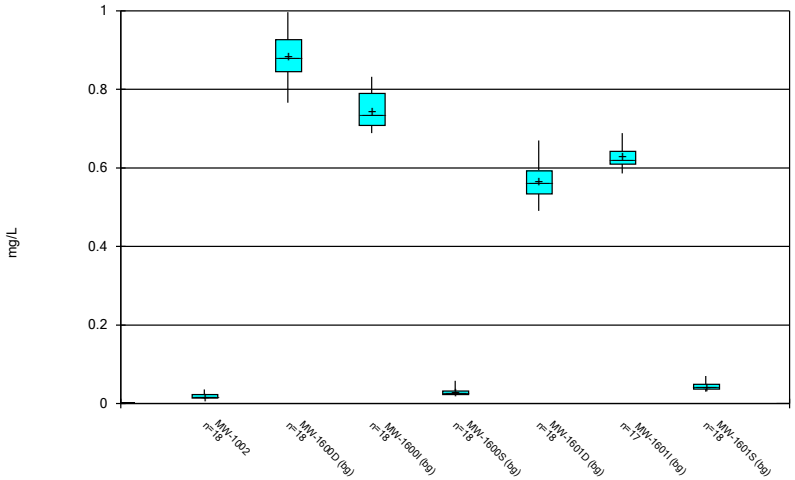
Box & Whiskers Plot

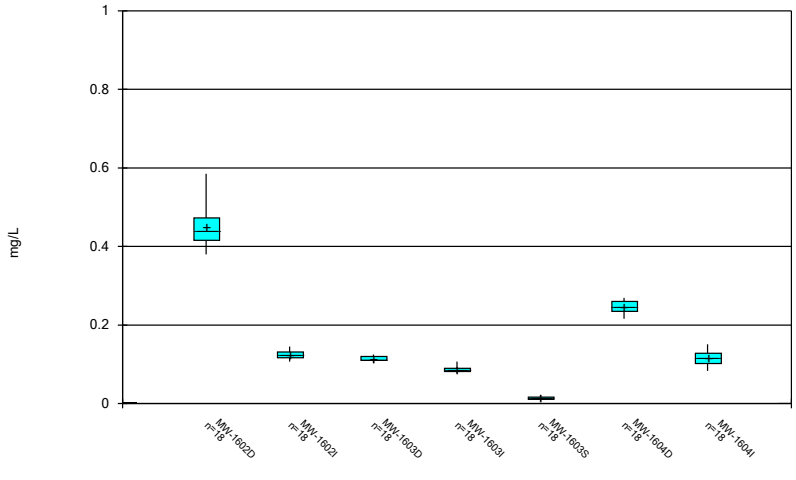


Constituent: Barium, total Analysis Run 8/26/2021 1:19 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

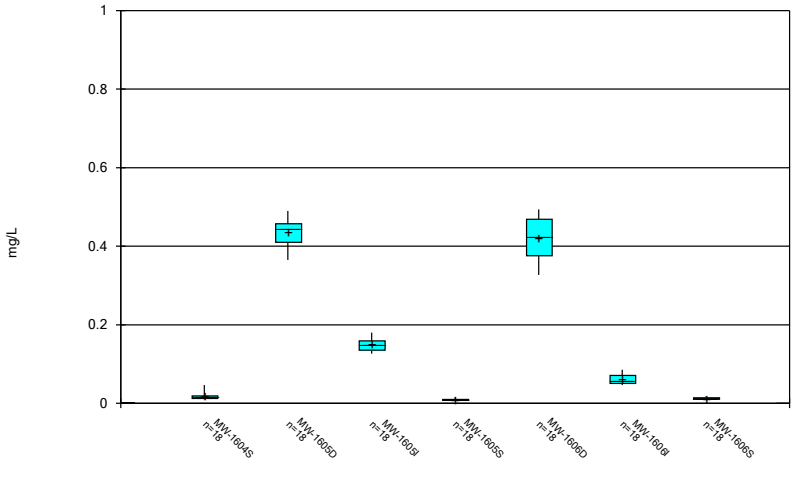


Constituent: Barium, total Analysis Run 8/26/2021 1:19 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

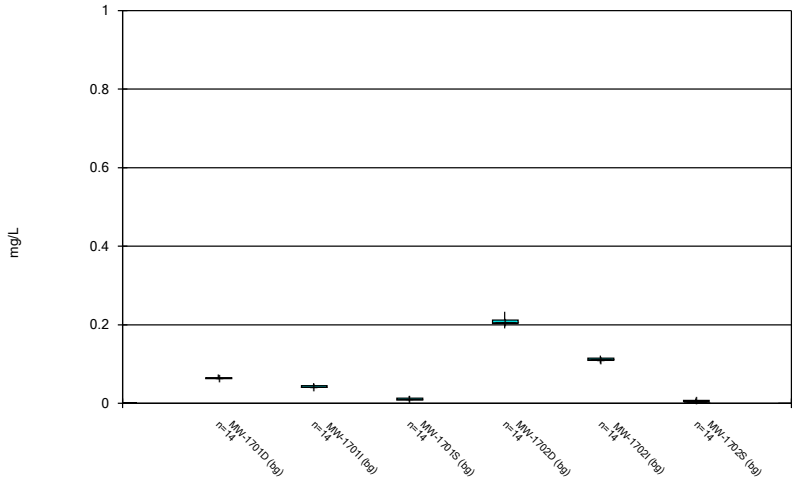


Constituent: Barium, total Analysis Run 8/26/2021 1:19 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



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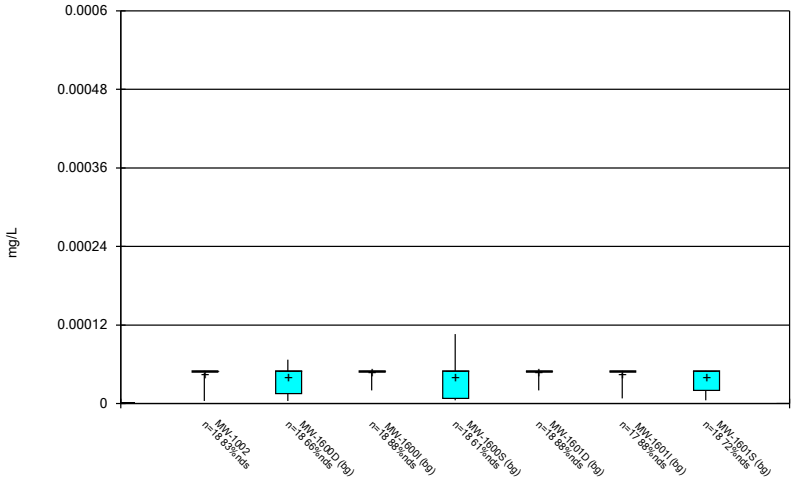
Rockport BAP Client: Geosyntec Data: Rockport_BAP

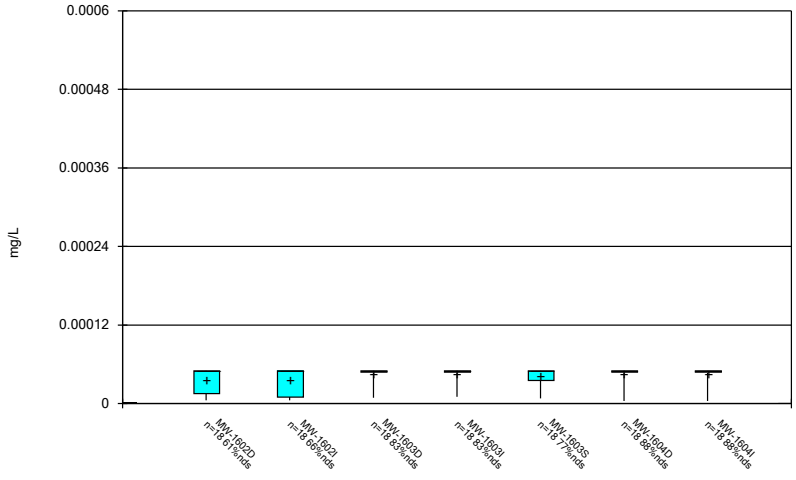
Box & Whiskers Plot



Constituent: Beryllium, total Analysis Run 8/26/2021 1:19 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



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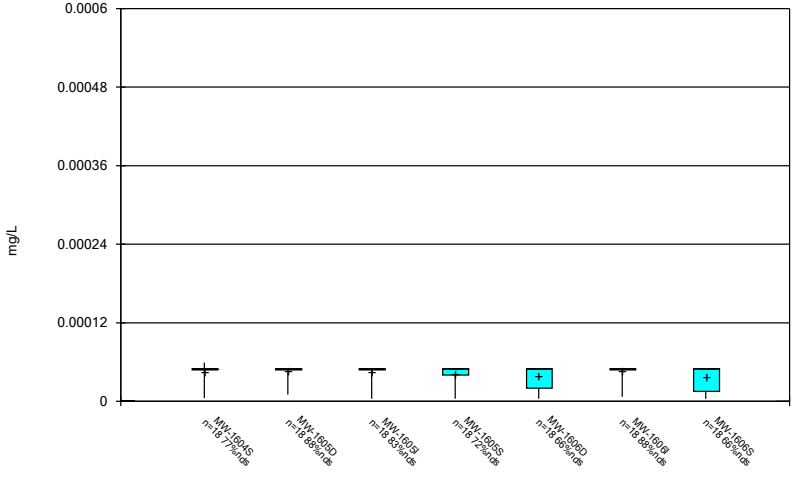
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

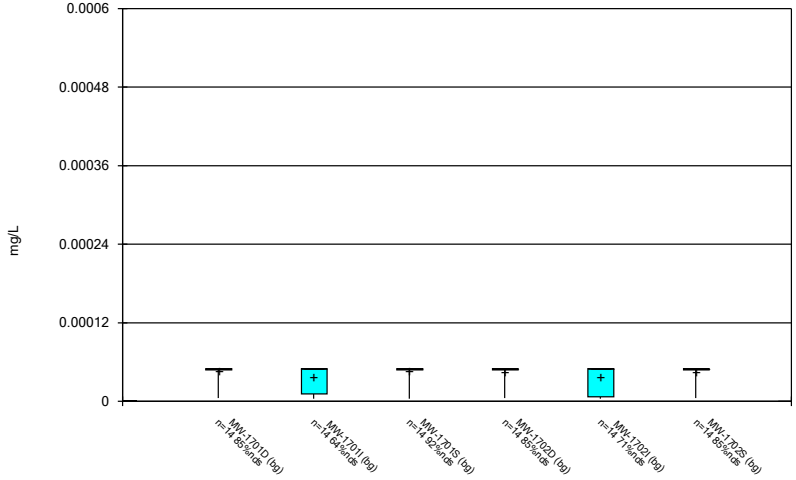
Box & Whiskers Plot



Constituent: Beryllium, total Analysis Run 8/26/2021 1:19 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



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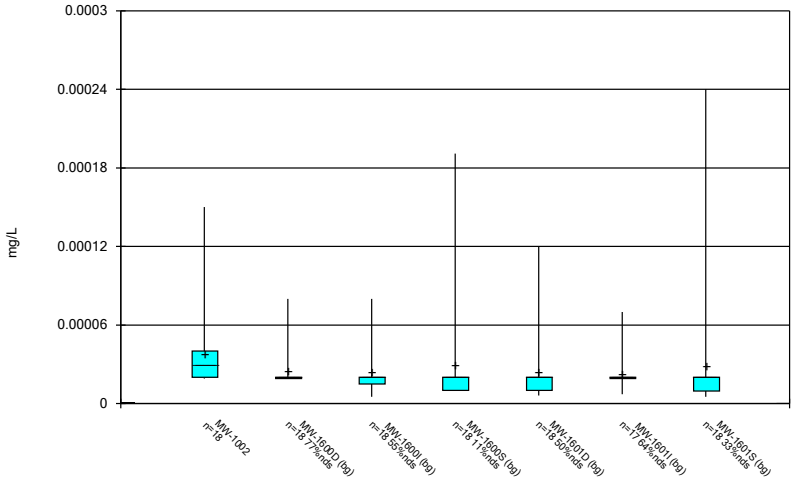
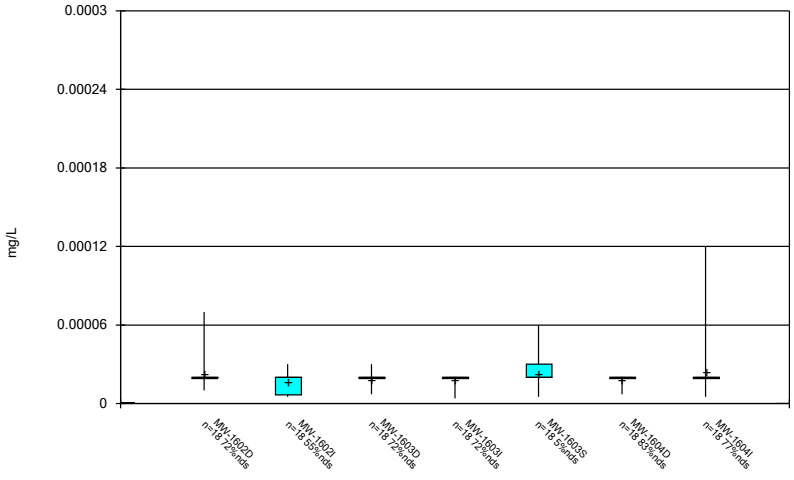
Box & Whiskers Plot



Constituent: Cadmium, total Analysis Run 8/26/2021 1:19 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

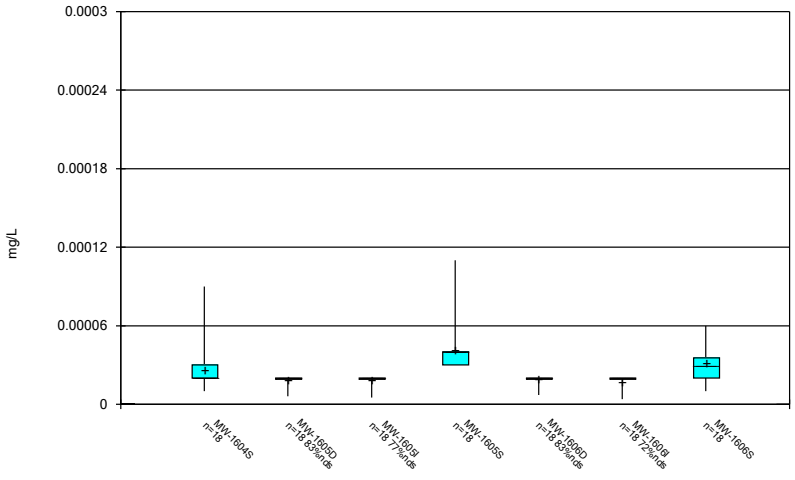
Box & Whiskers Plot



Constituent: Cadmium, total Analysis Run 8/26/2021 1:19 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



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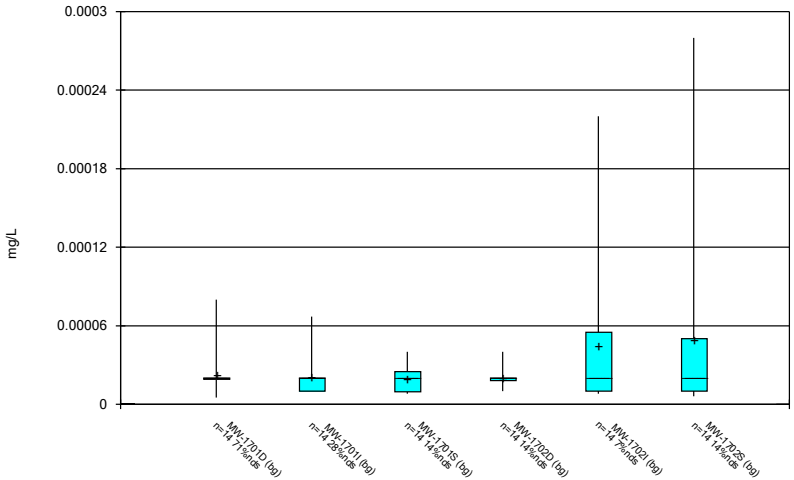
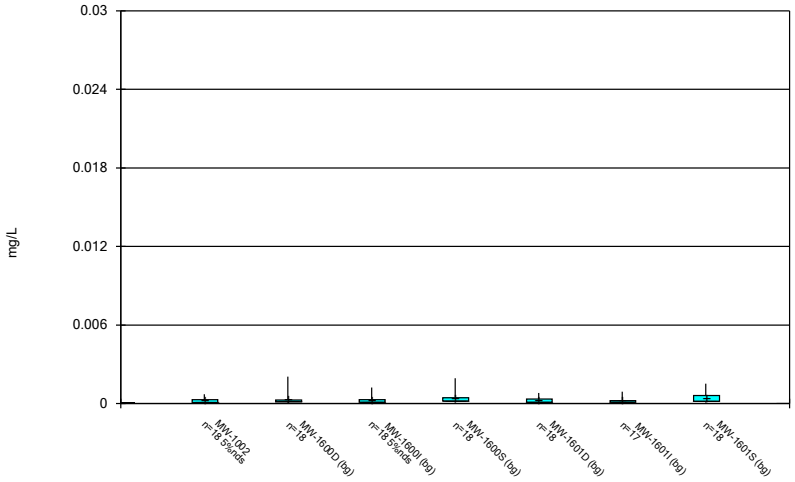
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cadmium, total Analysis Run 8/26/2021 1:19 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Box & Whiskers Plot

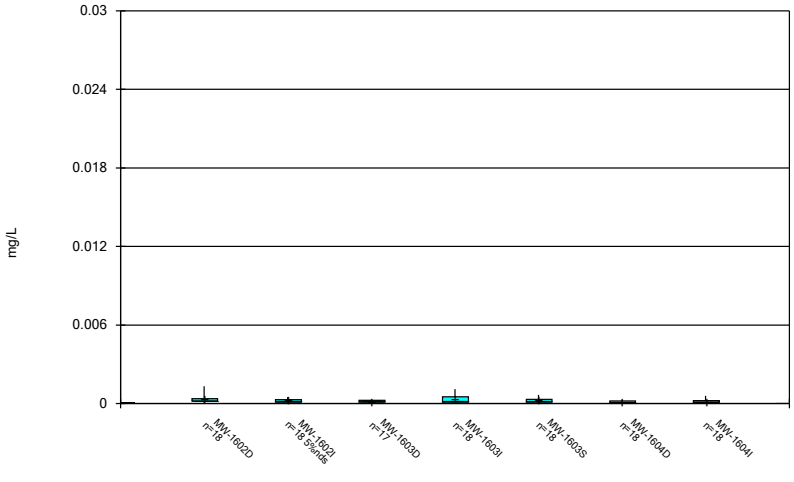


Constituent: Chromium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

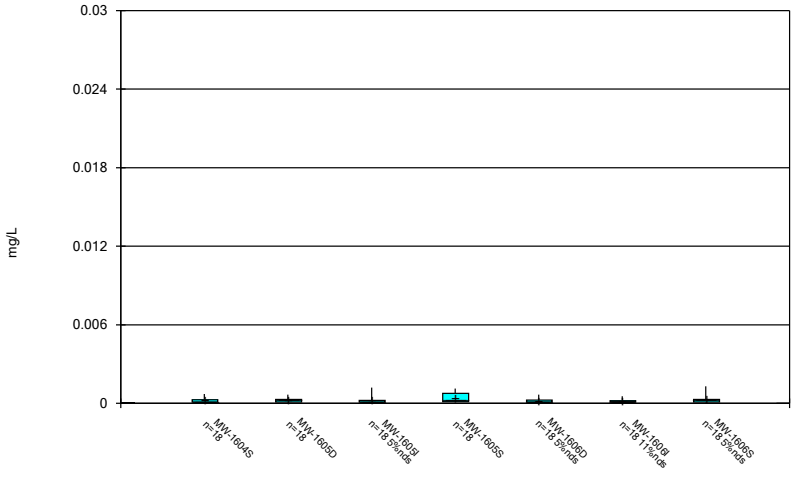


Constituent: Chromium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chromium, total Analysis Run 8/26/2021 1:20 PM

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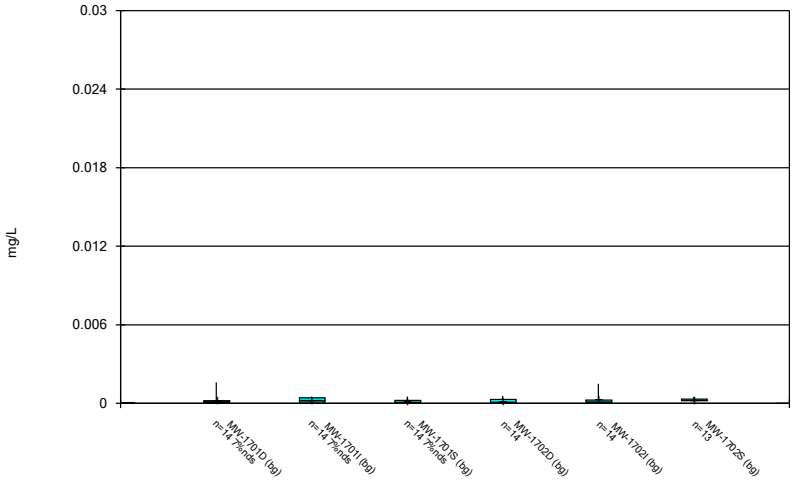
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

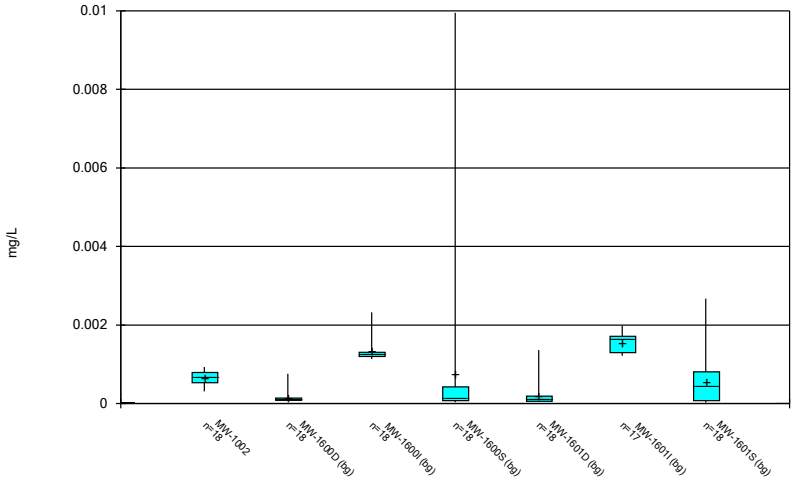
Box & Whiskers Plot



Constituent: Chromium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

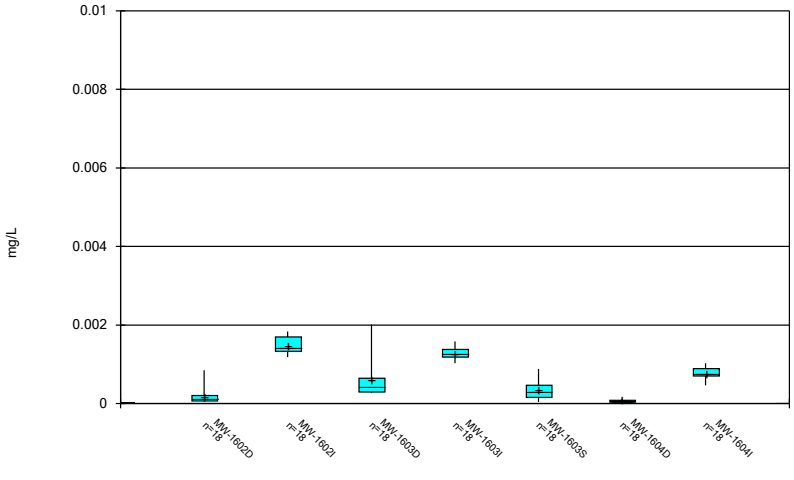
Box & Whiskers Plot



Constituent: Cobalt, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

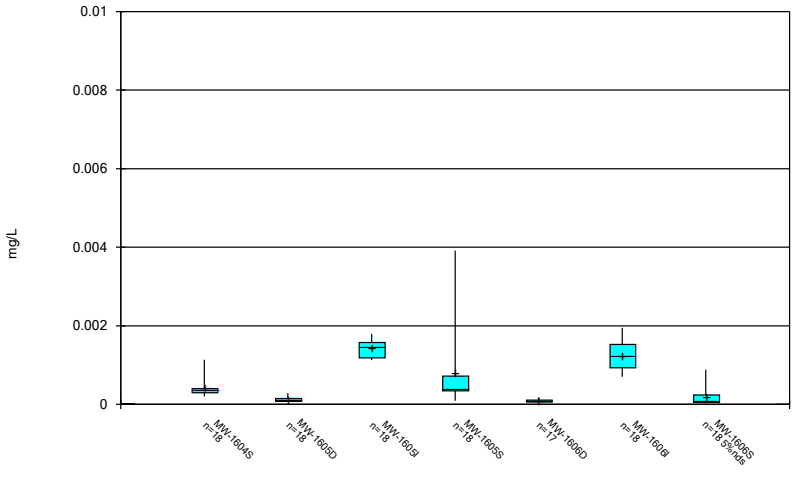
Box & Whiskers Plot



Constituent: Cobalt, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

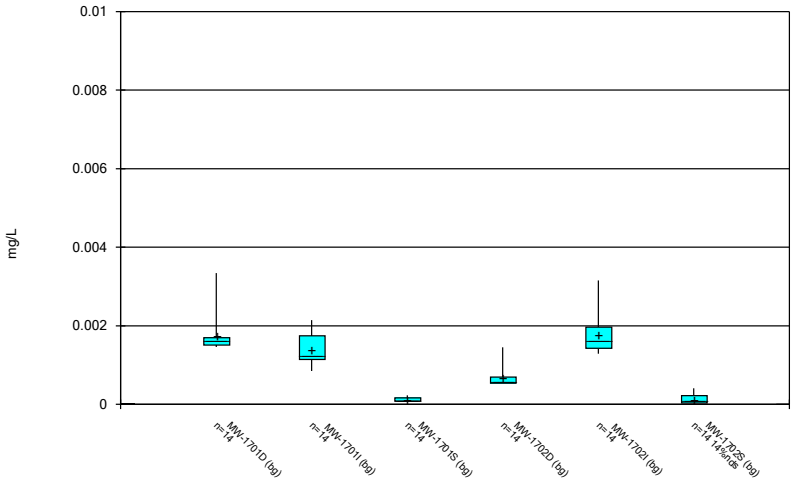
Box & Whiskers Plot



Constituent: Cobalt, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

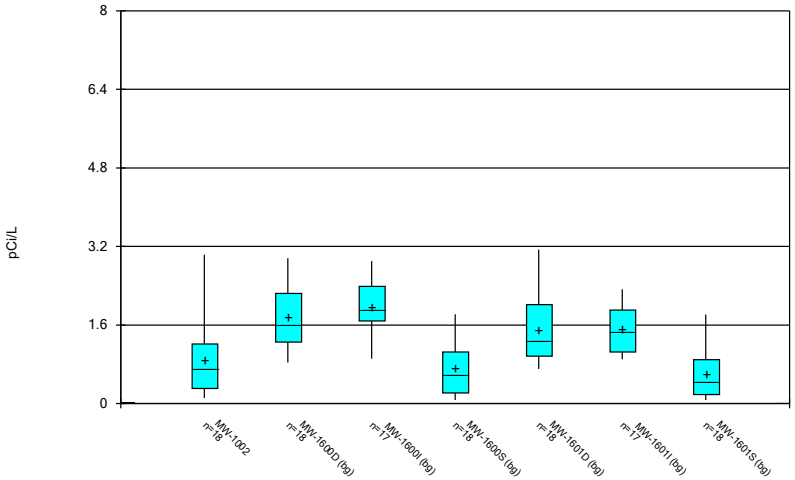
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cobalt, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Box & Whiskers Plot

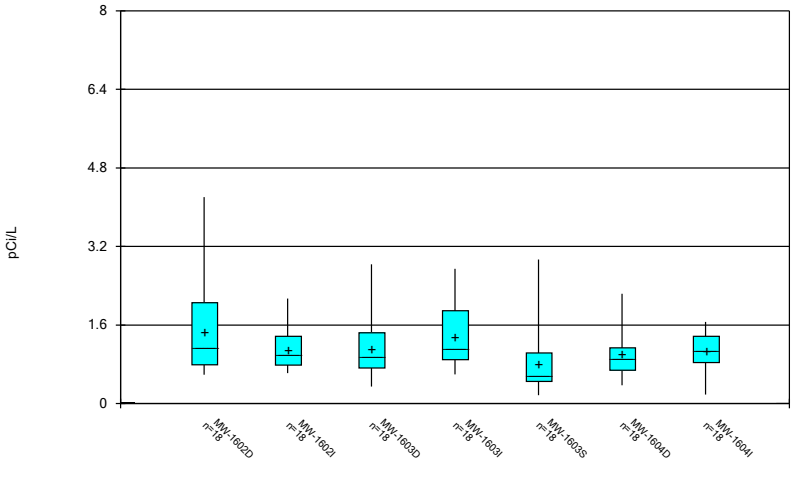


Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

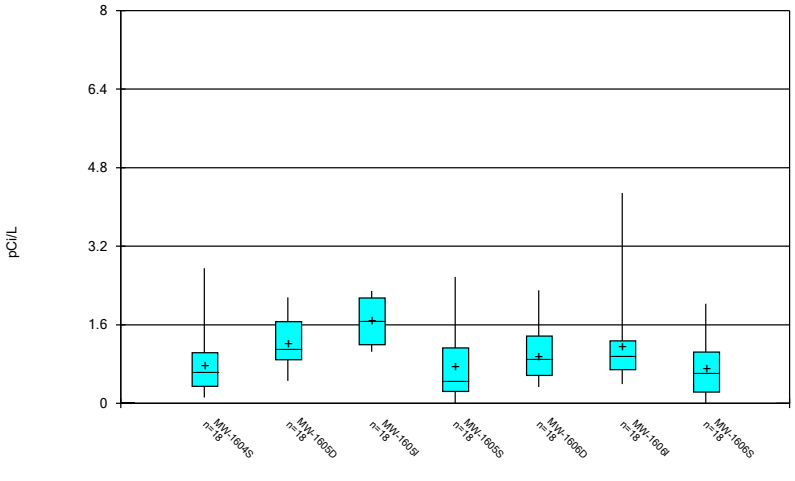


Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

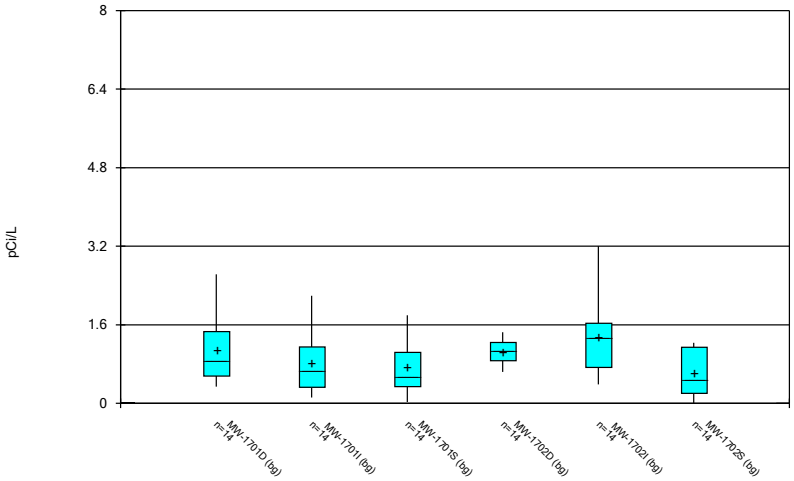


Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

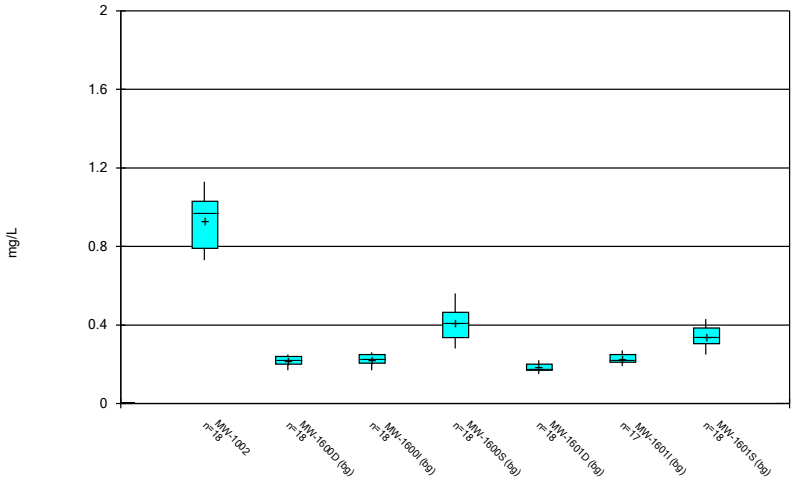
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

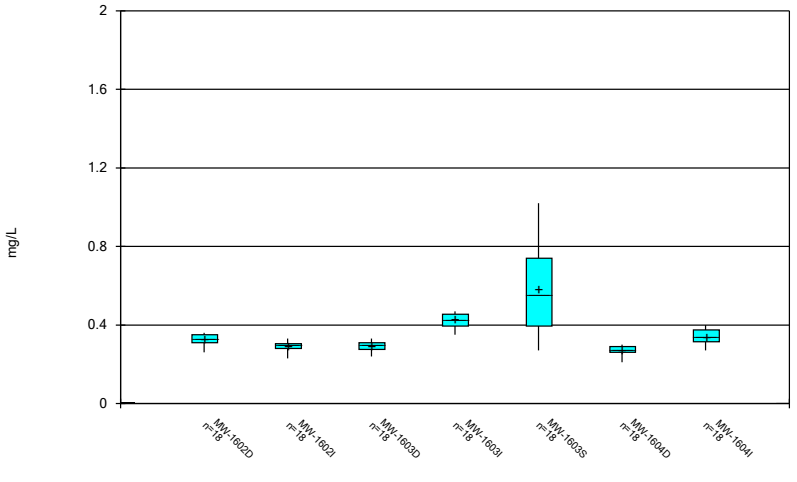
Box & Whiskers Plot



Constituent: Fluoride, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

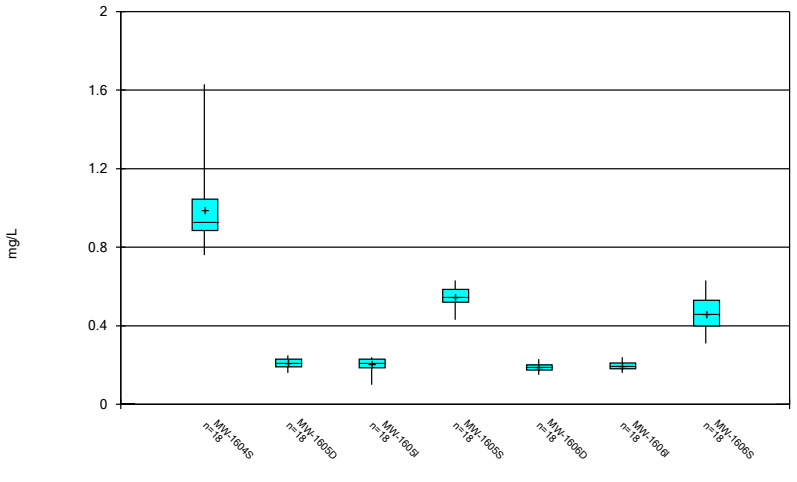
Box & Whiskers Plot



Constituent: Fluoride, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

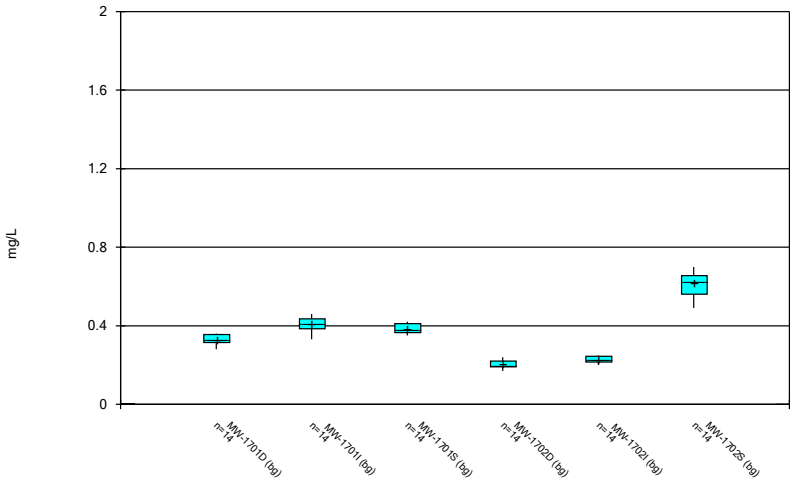
Box & Whiskers Plot



Constituent: Fluoride, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

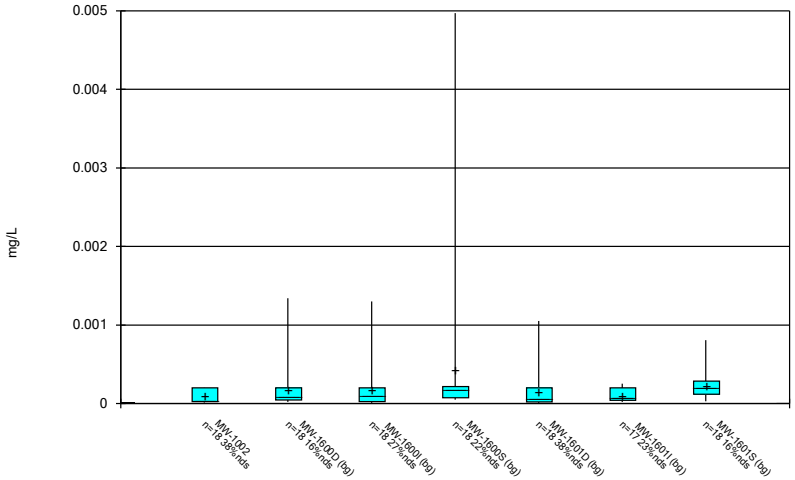
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Fluoride, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

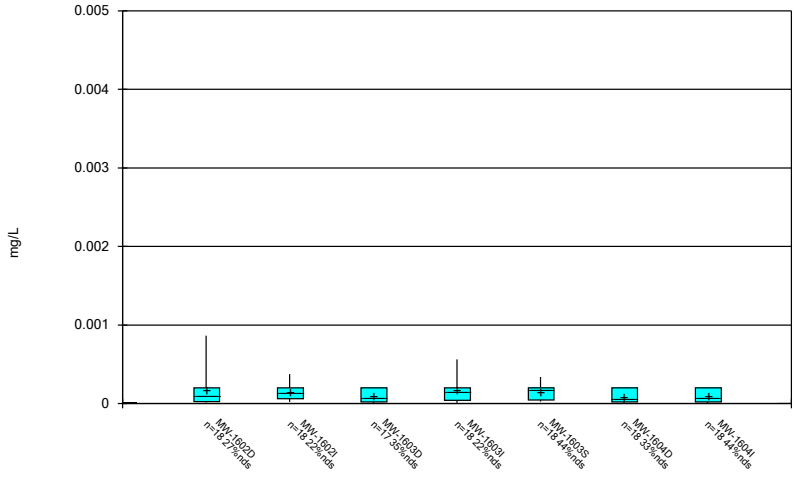
Box & Whiskers Plot



Constituent: Lead, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

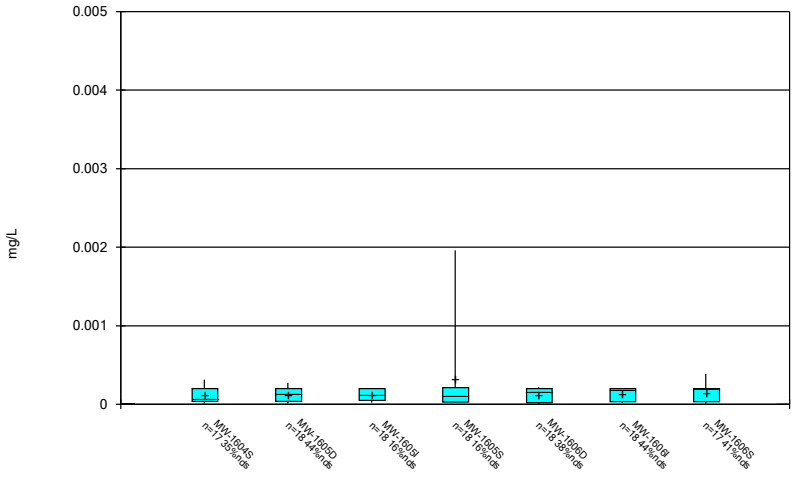
Box & Whiskers Plot



Constituent: Lead, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

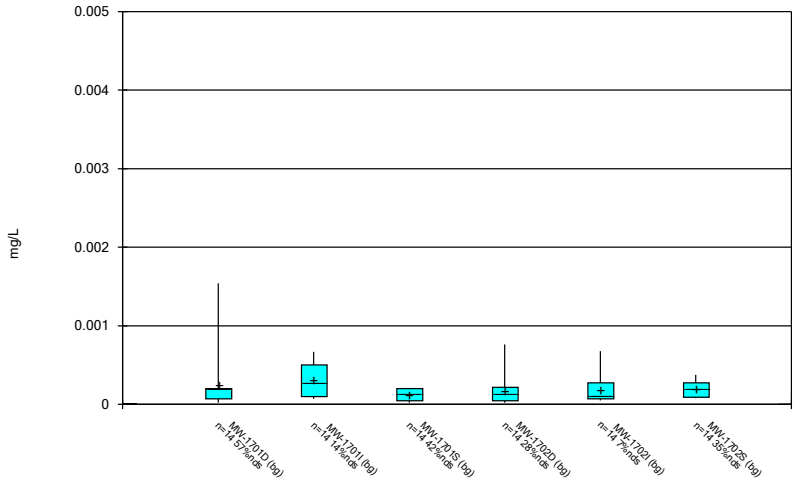
Box & Whiskers Plot



Constituent: Lead, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

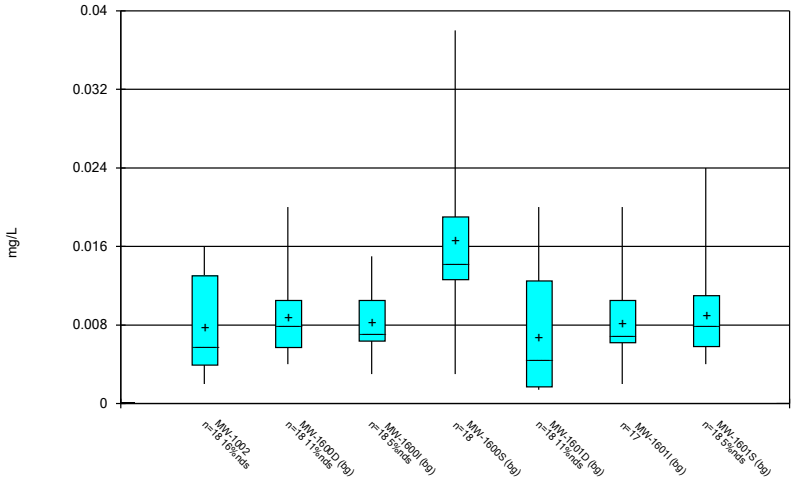
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Lead, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

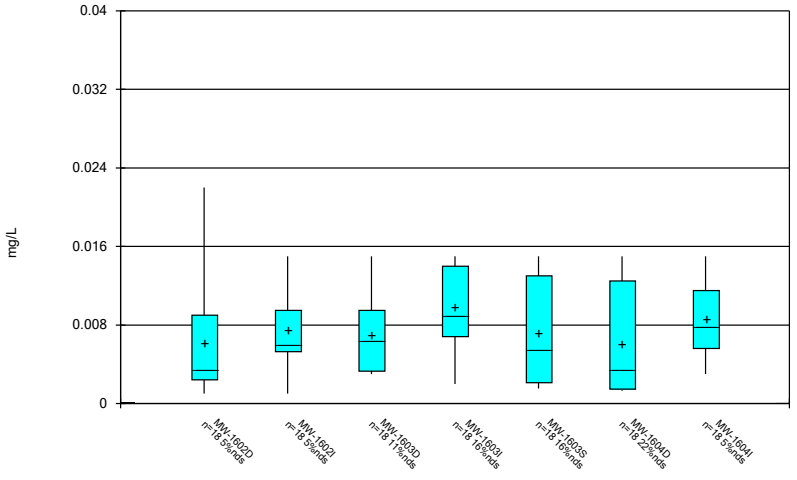
Box & Whiskers Plot



Constituent: Lithium, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

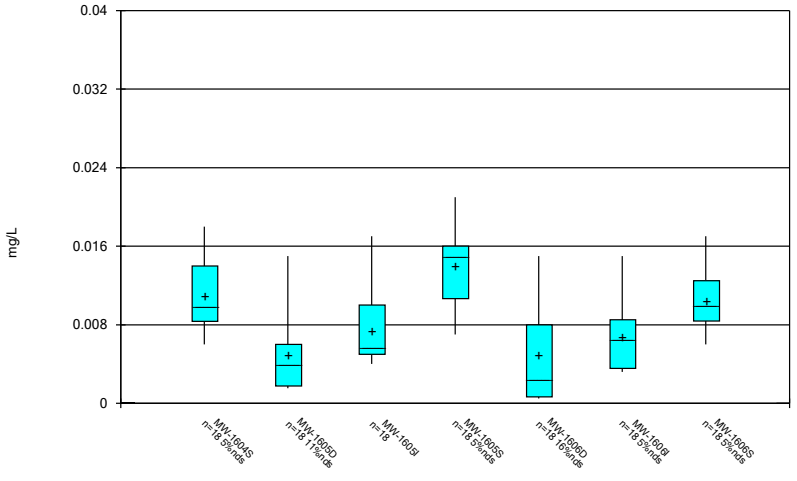
Box & Whiskers Plot



Constituent: Lithium, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

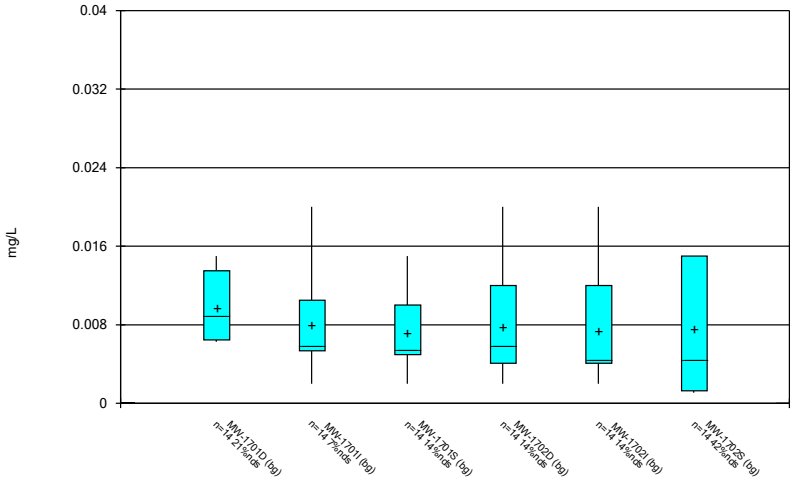
Box & Whiskers Plot



Constituent: Lithium, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

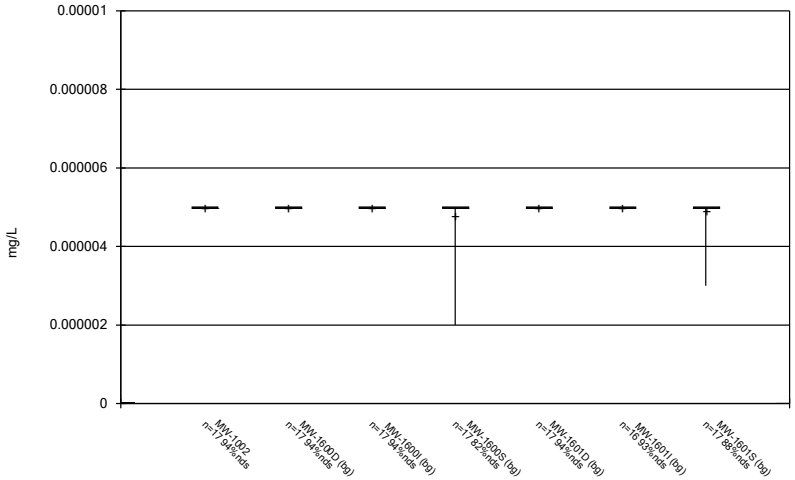
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Lithium, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

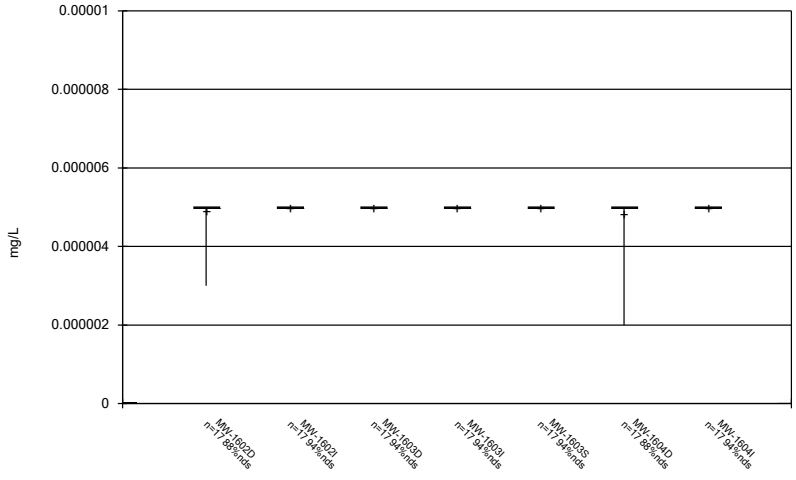
Box & Whiskers Plot



Constituent: Mercury, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

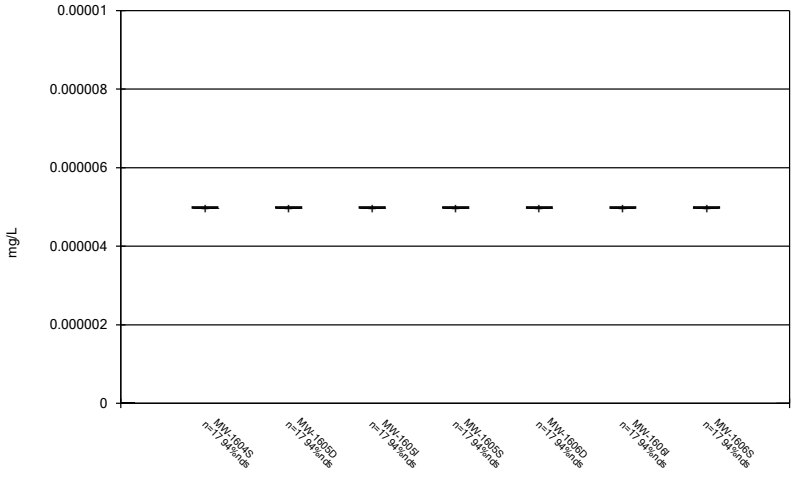
Box & Whiskers Plot



Constituent: Mercury, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

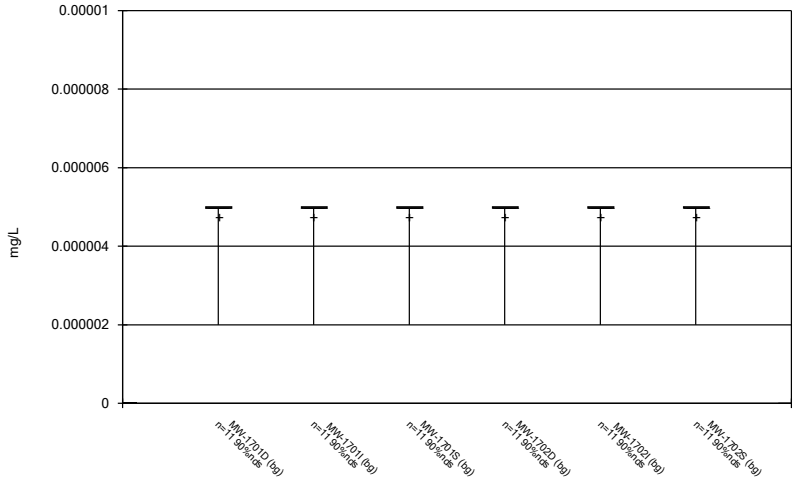
Box & Whiskers Plot



Constituent: Mercury, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

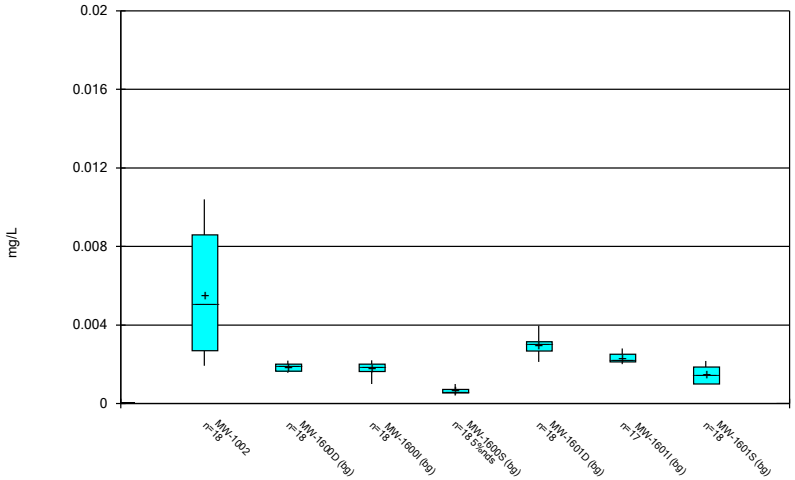
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Mercury, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

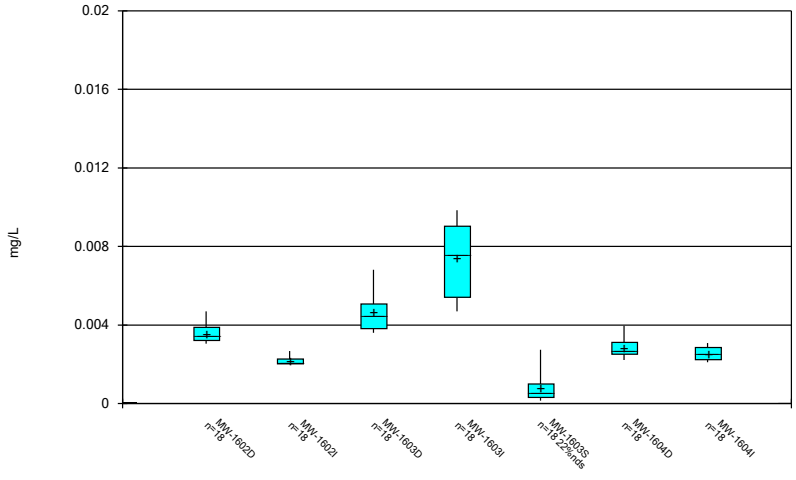
Box & Whiskers Plot



Constituent: Molybdenum, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

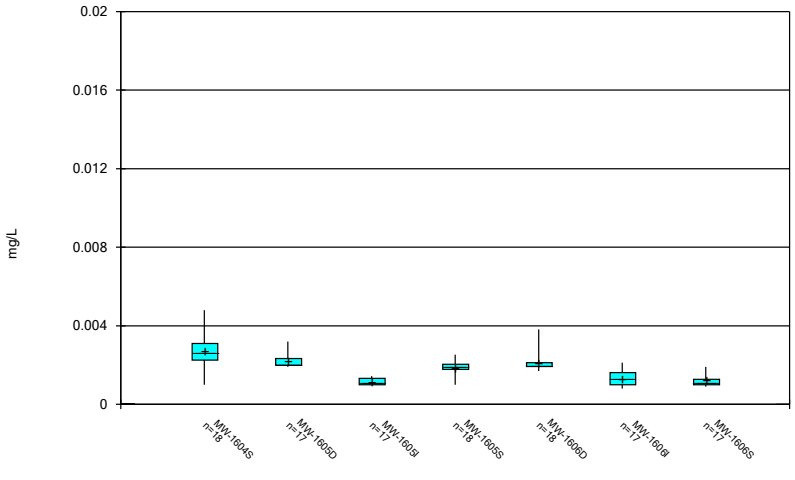
Box & Whiskers Plot



Constituent: Molybdenum, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

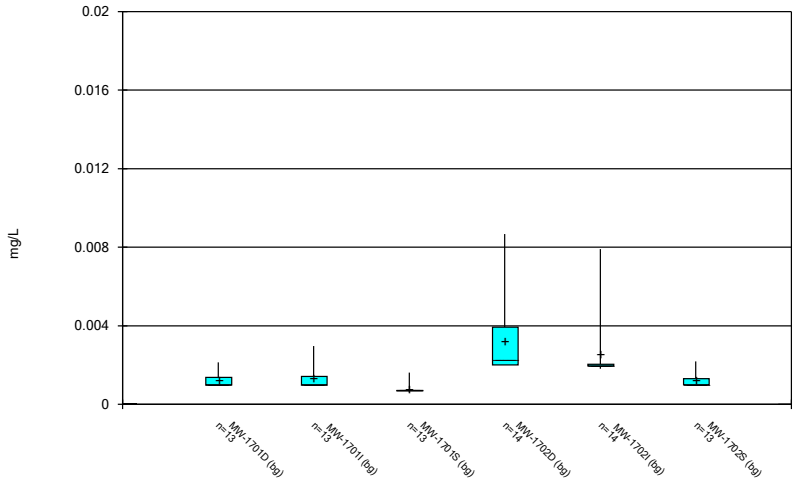
Box & Whiskers Plot



Constituent: Molybdenum, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

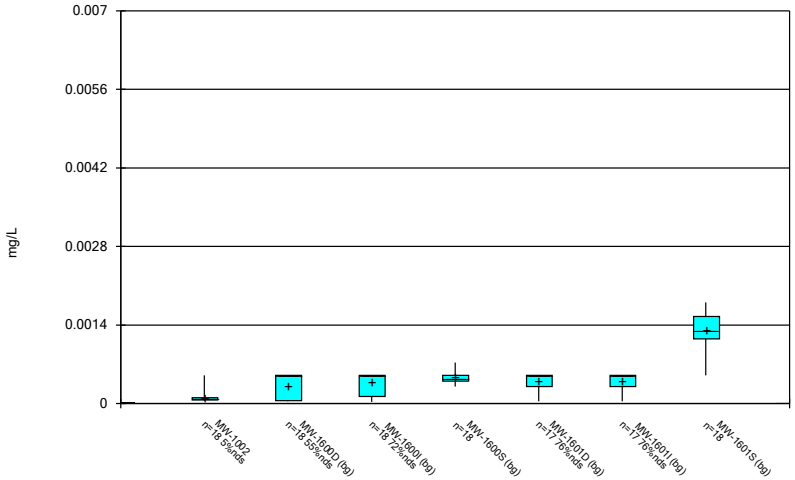
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Molybdenum, total Analysis Run 8/26/2021 1:20 PM
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Box & Whiskers Plot

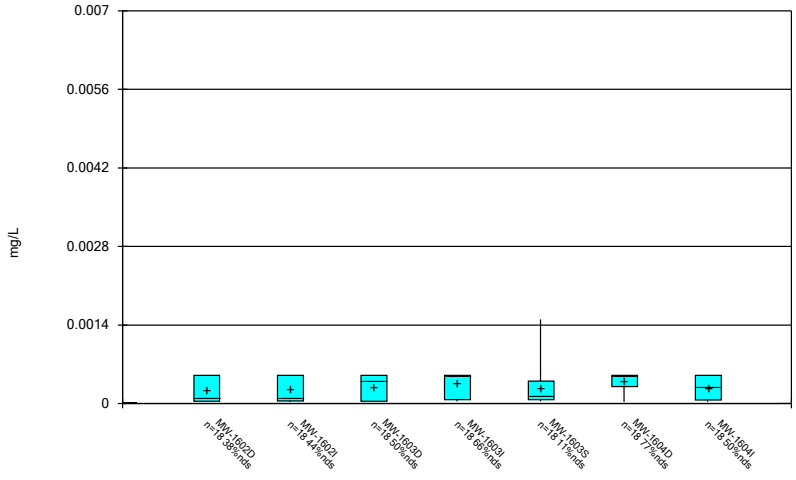


Constituent: Selenium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

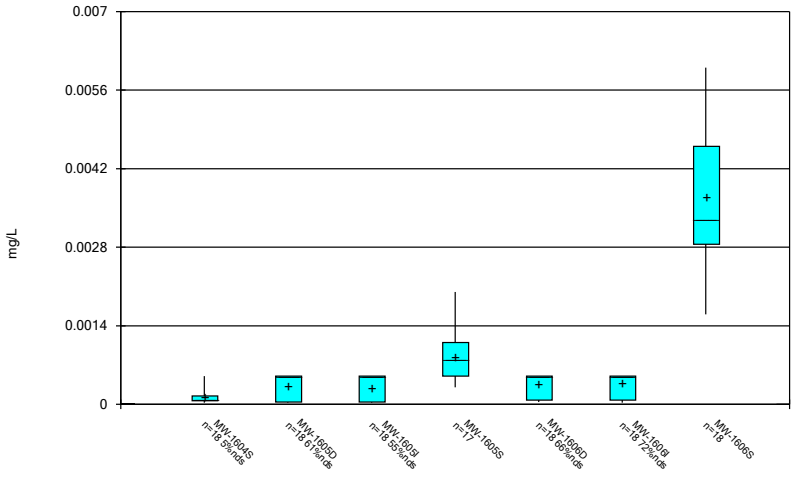


Constituent: Selenium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

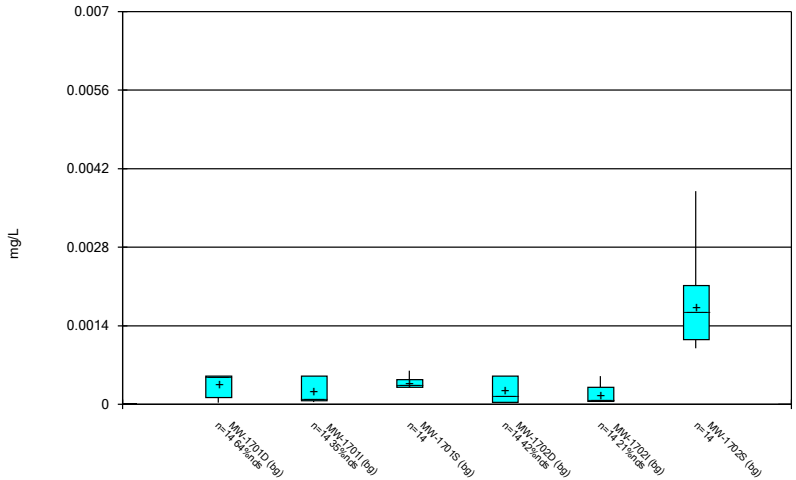


Constituent: Selenium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

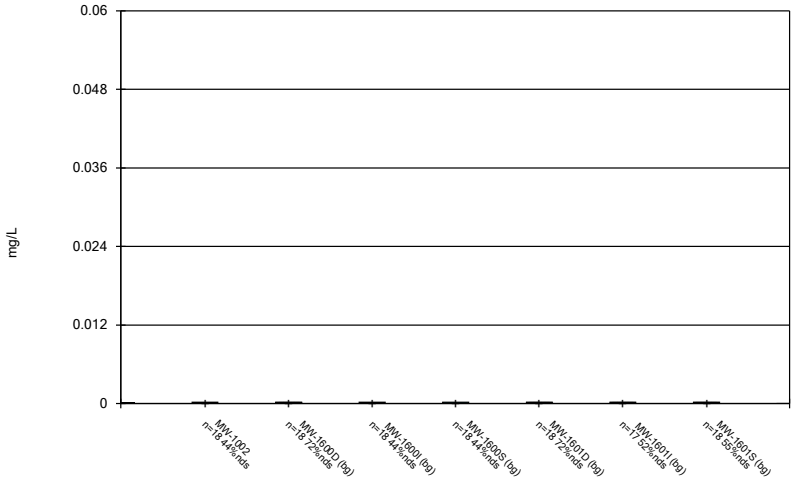
Box & Whiskers Plot



Constituent: Selenium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Box & Whiskers Plot

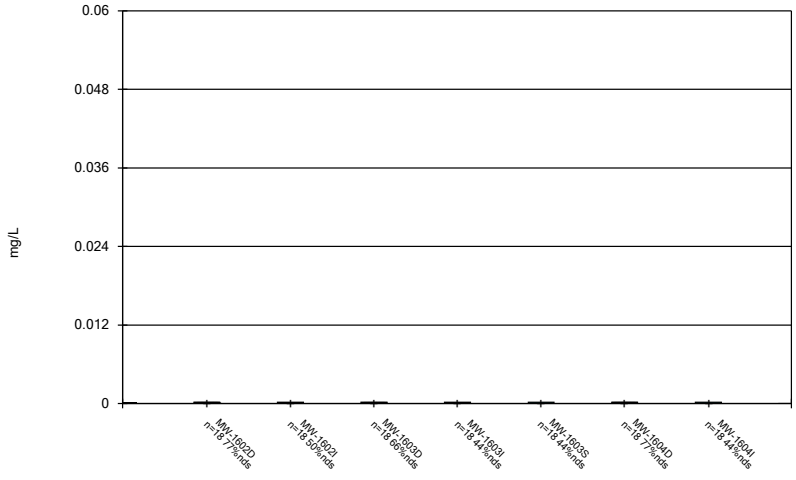


Constituent: Thallium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

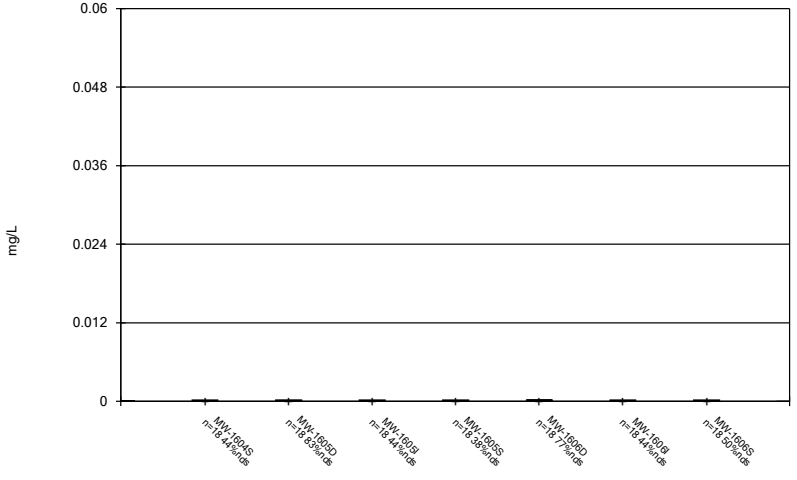


Constituent: Thallium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot

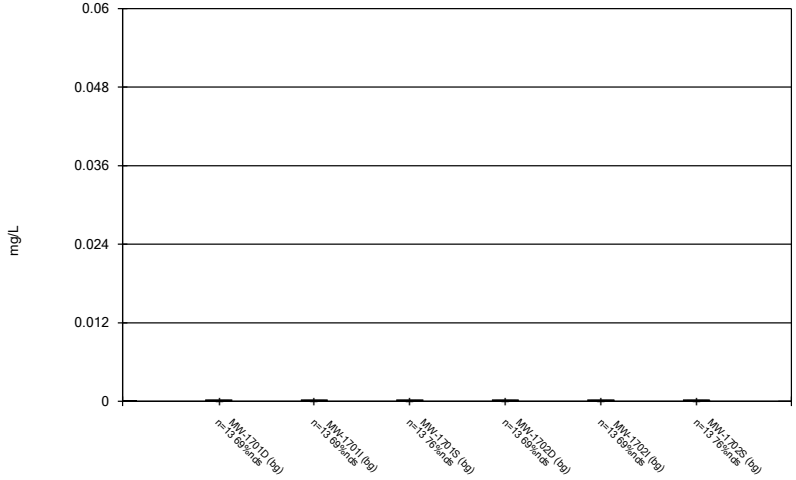


Constituent: Thallium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium, total Analysis Run 8/26/2021 1:20 PM

Rockport BAP Client: Geosyntec Data: Rockport_BAP

Outlier Summary

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 8/26/2021, 1:24 PM

	MW-1603D Chromium, total (mg/L)	MW-1702S Chromium, total (mg/L)	MW-1606D Cobalt, total (mg/L)	MW-1600I Combined Radium 226 + 228 (pCi/L)	MW-1603D Lead, total (mg/L)	MW-1604S Lead, total (mg/L)	MW-1606S Lead, total (mg/L)	MW-1605D Molybdenum, total (mg/L)	MW-1605I Molybdenum, total (mg/L)	MW-1606I Molybdenum, total (mg/L)
6/7/2016			0.000508 (o)					0.00765 (o)		
6/8/2016				7.25 (o)						
7/20/2016					0.000911 (o)					
10/10/2016	0.0238 (o)				0.00138 (o)					
3/7/2017							0.00133 (o)			
12/12/2017		0.00413 (o)								
8/15/2018										
5/24/2019										
6/25/2019									<0.01 (o)	<0.01 (o)

	MW-1606S Molybdenum, total (mg/L)	MW-1701D Molybdenum, total (mg/L)	MW-1701I Molybdenum, total (mg/L)	MW-1701S Molybdenum, total (mg/L)	MW-1702S Molybdenum, total (mg/L)	MW-1601D Selenium, total (mg/L)	MW-1605S Selenium, total (mg/L)	MW-1701D Thallium, total (mg/L)	MW-1701I Thallium, total (mg/L)	MW-1701S Thallium, total (mg/L)
6/7/2016										
6/8/2016										
7/20/2016										
10/10/2016										
3/7/2017										
12/12/2017								0.051 (o)	0.04 (o)	0.02 (o)
8/15/2018							0.0054 (o)			
5/24/2019						3E-05 (Jo)				
6/25/2019	<0.01 (o)	<0.01 (o)	<0.01 (o)	<0.01 (o)	<0.01 (o)					

	MW-1702D Thallium, total (mg/L)	MW-1702I Thallium, total (mg/L)	MW-1702S Thallium, total (mg/L)
6/7/2016			
6/8/2016			
7/20/2016			
10/10/2016			
3/7/2017			
12/12/2017	0.03 (o)	0.04 (o)	0.01 (o)
8/15/2018			
5/24/2019			
6/25/2019			

Upper Tolerance Limits

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 1/29/2021, 7:36 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony, total (mg/L)	n/a	0.00044	n/a	n/a	n/a	167	28.14	n/a	0.000...	NP Inter(normality)
Arsenic, total (mg/L)	n/a	0.0675	n/a	n/a	n/a	167	0	n/a	0.000...	NP Inter(normality)
Barium, total (mg/L)	n/a	0.997	n/a	n/a	n/a	167	0	n/a	0.000...	NP Inter(normality)
Beryllium, total (mg/L)	n/a	0.0001	n/a	n/a	n/a	167	78.44	n/a	0.000...	NP Inter(NDs)
Cadmium, total (mg/L)	n/a	0.00028	n/a	n/a	n/a	167	38.92	n/a	0.000...	NP Inter(normality)
Chromium, total (mg/L)	n/a	0.00158	n/a	n/a	n/a	166	2.41	n/a	0.000...	NP Inter(normality)
Cobalt, total (mg/L)	n/a	0.00334	n/a	n/a	n/a	167	1.198	n/a	0.000...	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	n/a	2.47	n/a	n/a	n/a	166	0	No	0.05	Inter
Fluoride, total (mg/L)	n/a	0.7	n/a	n/a	n/a	167	0	n/a	0.000...	NP Inter(normality)
Lead, total (mg/L)	n/a	0.00154	n/a	n/a	n/a	167	23.35	n/a	0.000...	NP Inter(normality)
Lithium, total (mg/L)	n/a	0.038	n/a	n/a	n/a	167	13.17	n/a	0.000...	NP Inter(normality)
Mercury, total (mg/L)	n/a	0.000005	n/a	n/a	n/a	143	90.21	n/a	0.000...	NP Inter(NDs)
Molybdenum, total (mg/L)	n/a	0.00867	n/a	n/a	n/a	163	0.6135	n/a	0.000...	NP Inter(normality)
Selenium, total (mg/L)	n/a	0.0038	n/a	n/a	n/a	166	37.35	n/a	0.000...	NP Inter(normality)
Thallium, total (mg/L)	n/a	0.0005	n/a	n/a	n/a	161	59.01	n/a	0.000...	NP Inter(normality)

ROCKPORT BAP GWPS				
Constituent Name	**MCL**	**CCR Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.00044	0.006
Arsenic, Total (mg/L)	0.01		0.068	0.068
Barium, Total (mg/L)	2		0.997	2
Beryllium, Total (mg/L)	0.004		0.0001	0.004
Cadmium, Total (mg/L)	0.005		0.00028	0.005
Chromium, Total (mg/L)	0.1		0.0016	0.1
Cobalt, Total (mg/L)		0.006	0.0033	0.006
Combined Radium, Total (pCi/L)	5		2.47	5
Fluoride, Total (mg/L)	4		0.7	4
Lead, Total (mg/L)		0.015	0.0015	0.015
Lithium, Total (mg/L)		0.04	0.038	0.04
Mercury, Total (mg/L)	0.002		0.000005	0.002
Molybdenum, Total (mg/L)		0.1	0.0087	0.1
Selenium, Total (mg/L)	0.05		0.0038	0.05
Thallium, Total (mg/L)	0.002		0.0005	0.002

**Grey cell indicates background is higher than MCL or CCR Rule Specified Level*

**MCL = Maximum Contaminant Level*

**CCR = Coal Combustion Residual*

**GWPS = Groundwater Protection Standard*

Confidence Intervals - All Results (No Significant)

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 8/26/2021, 3:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony, total (mg/L)	MW-1002	0.00006	0.00004	0.006	No	18	0.00005167	0.00001425	5.556	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1602D	0.0001	0.00001	0.006	No	18	0.000055	0.00004878	33.33	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1602I	0.00006411	0.00002939	0.006	No	18	0.00005056	0.00003421	5.556	None	x^(1/3)	0.01	Param.
Antimony, total (mg/L)	MW-1603D	0.0001	0.00002	0.006	No	18	0.00006	0.00004102	44.44	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1603I	0.00008	0.00003	0.006	No	18	0.00006111	0.00006927	5.556	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1603S	0.00006	0.00003	0.006	No	18	0.00004722	0.00001638	5.556	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1604D	0.0001	0.00002	0.006	No	18	0.00005722	0.00004056	44.44	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1604I	0.00006	0.00002	0.006	No	18	0.00004611	0.00005414	5.556	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1604S	0.00007	0.00005	0.006	No	18	0.00006278	0.00002137	0	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1605D	0.0001	0.00001	0.006	No	18	0.00004833	0.00003959	33.33	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1605I	0.00006546	0.00003401	0.006	No	18	0.000055	0.00003569	11.11	None	ln(x)	0.01	Param.
Antimony, total (mg/L)	MW-1605S	0.00006	0.00003	0.006	No	18	0.00005444	0.0000324	0	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1606D	0.0001	0.00002	0.006	No	18	0.00006222	0.00004008	50	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1606I	0.0001	0.00002	0.006	No	18	0.000055	0.00003761	38.89	None	No	0.01	NP (normality)
Antimony, total (mg/L)	MW-1606S	0.00006852	0.0000394	0.006	No	18	0.00005778	0.00003001	11.11	None	ln(x)	0.01	Param.
Arsenic, total (mg/L)	MW-1002	0.00028	0.00021	0.068	No	18	0.0002539	0.00005669	0	None	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1602D	0.00945	0.008467	0.068	No	18	0.008958	0.0008122	0	None	No	0.01	Param.
Arsenic, total (mg/L)	MW-1602I	0.02827	0.02077	0.068	No	18	0.02452	0.006201	0	None	No	0.01	Param.
Arsenic, total (mg/L)	MW-1603D	0.01315	0.01147	0.068	No	18	0.01231	0.001385	0	None	No	0.01	Param.
Arsenic, total (mg/L)	MW-1603I	0.014	0.0124	0.068	No	18	0.01526	0.009465	0	None	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1603S	0.0002407	0.0001635	0.068	No	18	0.000205	0.00006784	0	None	sqrt(x)	0.01	Param.
Arsenic, total (mg/L)	MW-1604D	0.0184	0.0167	0.068	No	18	0.01776	0.001491	0	None	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1604I	0.0221	0.0187	0.068	No	18	0.02068	0.002845	0	None	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1604S	0.00031	0.00018	0.068	No	18	0.0002728	0.0001473	0	None	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1605D	0.02012	0.01787	0.068	No	18	0.01899	0.001865	0	None	No	0.01	Param.
Arsenic, total (mg/L)	MW-1605I	0.0257	0.018	0.068	No	18	0.02264	0.008557	0	None	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1605S	0.00061	0.00042	0.068	No	18	0.0007622	0.0007406	0	None	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1606D	0.0177	0.0137	0.068	No	18	0.01571	0.002101	0	None	No	0.01	NP (normality)
Arsenic, total (mg/L)	MW-1606I	0.008455	0.005403	0.068	No	18	0.006929	0.002522	0	None	No	0.01	Param.
Arsenic, total (mg/L)	MW-1606S	0.00029	0.00018	0.068	No	18	0.0002472	0.0001113	0	None	No	0.01	NP (normality)
Barium, total (mg/L)	MW-1002	0.02088	0.01443	2	No	18	0.01821	0.006333	0	None	ln(x)	0.01	Param.
Barium, total (mg/L)	MW-1602D	0.4783	0.4194	2	No	18	0.4488	0.04866	0	None	No	0.01	Param.
Barium, total (mg/L)	MW-1602I	0.1306	0.1177	2	No	18	0.1241	0.01065	0	None	No	0.01	Param.
Barium, total (mg/L)	MW-1603D	0.118	0.1104	2	No	18	0.1142	0.006255	0	None	No	0.01	Param.
Barium, total (mg/L)	MW-1603I	0.09035	0.08204	2	No	18	0.08636	0.007223	0	None	ln(x)	0.01	Param.
Barium, total (mg/L)	MW-1603S	0.01571	0.01071	2	No	18	0.01321	0.004128	0	None	No	0.01	Param.
Barium, total (mg/L)	MW-1604D	0.2551	0.2366	2	No	18	0.2458	0.01528	0	None	No	0.01	Param.
Barium, total (mg/L)	MW-1604I	0.126	0.1053	2	No	18	0.1157	0.01716	0	None	No	0.01	Param.
Barium, total (mg/L)	MW-1604S	0.0192	0.012	2	No	18	0.01727	0.008031	0	None	No	0.01	NP (normality)
Barium, total (mg/L)	MW-1605D	0.4571	0.415	2	No	18	0.4361	0.03474	0	None	No	0.01	Param.
Barium, total (mg/L)	MW-1605I	0.1595	0.1406	2	No	18	0.1501	0.01562	0	None	No	0.01	Param.
Barium, total (mg/L)	MW-1605S	0.01017	0.007471	2	No	18	0.008904	0.002383	0	None	sqrt(x)	0.01	Param.
Barium, total (mg/L)	MW-1606D	0.4483	0.3913	2	No	18	0.4198	0.04706	0	None	No	0.01	Param.
Barium, total (mg/L)	MW-1606I	0.06774	0.05383	2	No	18	0.06079	0.0115	0	None	No	0.01	Param.
Barium, total (mg/L)	MW-1606S	0.01364	0.011	2	No	18	0.01232	0.002182	0	None	No	0.01	Param.
Beryllium, total (mg/L)	MW-1002	0.00005	0.00002	0.004	No	18	0.00004333	0.00001563	83.33	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1602D	0.00005	0.00001	0.004	No	18	0.00003717	0.00001904	61.11	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1602I	0.00005	0.000009	0.004	No	18	0.00003644	0.00001996	66.67	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1603D	0.00005	0.000049	0.004	No	18	0.000046	0.00001162	83.33	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1603I	0.00005	0.00003	0.004	No	18	0.000045	0.000012	83.33	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1603S	0.00005	0.00002	0.004	No	18	0.00004156	0.00001641	77.78	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1604D	0.00005	0.00002	0.004	No	18	0.00004578	0.00001259	88.89	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1604I	0.00005	0.00002	0.004	No	18	0.00004578	0.00001259	88.89	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1604S	0.000059	0.00002	0.004	No	18	0.00004394	0.00001571	77.78	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1605D	0.00005	0.00002	0.004	No	18	0.00004611	0.00001145	88.89	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1605I	0.00005	0.00002	0.004	No	18	0.00004322	0.00001591	83.33	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1605S	0.00005	0.00004	0.004	No	18	0.000043	0.00001379	72.22	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1606D	0.00005	0.00002	0.004	No	18	0.00003856	0.00001774	66.67	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1606I	0.00005	0.00002	0.004	No	18	0.00004594	0.00001201	88.89	None	No	0.01	NP (NDs)
Beryllium, total (mg/L)	MW-1606S	0.00005	0.00001	0.004	No	18	0.00003739	0.00001887	66.67	None	No	0.01	NP (NDs)

Confidence Intervals - All Results (No Significant)

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 8/26/2021, 3:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium, total (mg/L)	MW-1002	0.00004	0.00002	0.005	No	18	0.00003772	0.00003082	0	None	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1602D	0.00002	0.00001	0.005	No	18	0.00002222	0.00001263	72.22	None	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1602I	0.00002	0.000007	0.005	No	18	0.00001611	0.000007315	55.56	None	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1603D	0.00002	0.00001	0.005	No	18	0.00001867	0.00000519	72.22	None	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1603I	0.00002	0.00001	0.005	No	18	0.00001783	0.00000509	72.22	None	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1603S	0.00003	0.00002	0.005	No	18	0.0000225	0.00001166	5.556	None	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1604D	0.00002	0.000008	0.005	No	18	0.00001861	0.000004046	83.33	None	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1604I	0.00002	0.000009	0.005	No	18	0.00002411	0.0000243	77.78	None	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1604S	0.00003	0.00001	0.005	No	18	0.00002561	0.00001724	0	None	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1605D	0.00002	0.000006	0.005	No	18	0.00001844	0.000004527	83.33	None	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1605I	0.00002	0.000008	0.005	No	18	0.00001783	0.000005021	77.78	None	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1605S	0.00005	0.00003	0.005	No	18	0.00004211	0.00001959	0	None	No	0.01	NP (normality)
Cadmium, total (mg/L)	MW-1606D	0.00002	0.000007	0.005	No	18	0.00001928	0.000003064	83.33	None	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1606I	0.00002	0.00001	0.005	No	18	0.00001772	0.000005356	72.22	None	No	0.01	NP (NDs)
Cadmium, total (mg/L)	MW-1606S	0.0000382	0.0000225	0.005	No	18	0.00003117	0.00001367	0	None	sqrt(x)	0.01	Param.
Chromium, total (mg/L)	MW-1002	0.0002497	0.00009023	0.1	No	18	0.0001933	0.0001723	5.556	None	x^(1/3)	0.01	Param.
Chromium, total (mg/L)	MW-1602D	0.0004398	0.0001756	0.1	No	18	0.0003423	0.0002918	0	None	x^(1/3)	0.01	Param.
Chromium, total (mg/L)	MW-1602I	0.0002737	0.0001394	0.1	No	18	0.0002154	0.0001188	5.556	None	sqrt(x)	0.01	Param.
Chromium, total (mg/L)	MW-1603D	0.0002242	0.0001224	0.1	No	17	0.0001733	0.00008118	0	None	No	0.01	Param.
Chromium, total (mg/L)	MW-1603I	0.0003648	0.0001234	0.1	No	18	0.0003157	0.0003078	0	None	ln(x)	0.01	Param.
Chromium, total (mg/L)	MW-1603S	0.000334	0.0001385	0.1	No	18	0.0002363	0.0001616	0	None	No	0.01	Param.
Chromium, total (mg/L)	MW-1604D	0.0001667	0.00008467	0.1	No	18	0.0001257	0.00006775	0	None	No	0.01	Param.
Chromium, total (mg/L)	MW-1604I	0.0002051	0.00008742	0.1	No	18	0.0001733	0.0001448	0	None	ln(x)	0.01	Param.
Chromium, total (mg/L)	MW-1604S	0.0002566	0.0001047	0.1	No	18	0.0002182	0.0001911	0	None	ln(x)	0.01	Param.
Chromium, total (mg/L)	MW-1605D	0.0002689	0.0001228	0.1	No	18	0.000207	0.00014	0	None	sqrt(x)	0.01	Param.
Chromium, total (mg/L)	MW-1605I	0.000214	0.0001	0.1	No	18	0.0001978	0.0002568	5.556	None	No	0.01	NP (normality)
Chromium, total (mg/L)	MW-1605S	0.00056	0.0001785	0.1	No	18	0.0004285	0.0003681	0	None	x^(1/3)	0.01	Param.
Chromium, total (mg/L)	MW-1606D	0.0002383	0.00009235	0.1	No	18	0.0001857	0.0001635	5.556	None	x^(1/3)	0.01	Param.
Chromium, total (mg/L)	MW-1606I	0.0001938	0.00009074	0.1	No	18	0.0001628	0.0001234	11.11	None	ln(x)	0.01	Param.
Chromium, total (mg/L)	MW-1606S	0.000294	0.0001	0.1	No	18	0.0003313	0.0003566	5.556	None	No	0.01	NP (normality)
Cobalt, total (mg/L)	MW-1002	0.0007468	0.0005452	0.006	No	18	0.000646	0.0001666	0	None	No	0.01	Param.
Cobalt, total (mg/L)	MW-1602D	0.0001972	0.00008058	0.006	No	18	0.000173	0.0001883	0	None	ln(x)	0.01	Param.
Cobalt, total (mg/L)	MW-1602I	0.00159	0.001347	0.006	No	18	0.001468	0.0002004	0	None	No	0.01	Param.
Cobalt, total (mg/L)	MW-1603D	0.000703	0.000288	0.006	No	18	0.0006044	0.0004737	0	None	No	0.01	NP (normality)
Cobalt, total (mg/L)	MW-1603I	0.001354	0.001194	0.006	No	18	0.001274	0.0001318	0	None	No	0.01	Param.
Cobalt, total (mg/L)	MW-1603S	0.0004684	0.0001962	0.006	No	18	0.0003323	0.000225	0	None	No	0.01	Param.
Cobalt, total (mg/L)	MW-1604D	0.000086	0.00005	0.006	No	18	0.00006628	0.00002278	0	None	No	0.01	NP (normality)
Cobalt, total (mg/L)	MW-1604I	0.000874	0.0006831	0.006	No	18	0.0007786	0.0001578	0	None	No	0.01	Param.
Cobalt, total (mg/L)	MW-1604S	0.000407	0.000285	0.006	No	18	0.0004169	0.0002398	0	None	No	0.01	NP (normality)
Cobalt, total (mg/L)	MW-1605D	0.0001443	0.00007723	0.006	No	18	0.0001167	0.00006621	0	None	x^(1/3)	0.01	Param.
Cobalt, total (mg/L)	MW-1605I	0.001537	0.001282	0.006	No	18	0.001409	0.0002102	0	None	No	0.01	Param.
Cobalt, total (mg/L)	MW-1605S	0.000856	0.000336	0.006	No	18	0.0008084	0.0009959	0	None	No	0.01	NP (normality)
Cobalt, total (mg/L)	MW-1606D	0.0001026	0.00006446	0.006	No	17	0.00008506	0.00003286	0	None	sqrt(x)	0.01	Param.
Cobalt, total (mg/L)	MW-1606I	0.001435	0.001005	0.006	No	18	0.00122	0.0003552	0	None	No	0.01	Param.
Cobalt, total (mg/L)	MW-1606S	0.000338	0.00005	0.006	No	18	0.0001646	0.0002114	5.556	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-1002	1.208	0.425	5	No	18	0.8956	0.7529	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1602D	1.826	0.918	5	No	18	1.461	0.9159	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1602I	1.328	0.8439	5	No	18	1.086	0.4002	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1603D	1.394	0.7428	5	No	18	1.109	0.5976	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1603I	1.731	1.006	5	No	18	1.368	0.5993	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1603S	1.049	0.4235	5	No	18	0.8193	0.6934	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1604D	1.271	0.6894	5	No	18	1.015	0.5154	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1604I	1.275	0.8365	5	No	18	1.056	0.3623	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1604S	1.045	0.3976	5	No	18	0.7821	0.6307	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1605D	1.529	0.9458	5	No	18	1.237	0.4821	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1605I	1.931	1.423	5	No	18	1.677	0.4202	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1605S	1.036	0.2835	5	No	18	0.7531	0.7021	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1606D	1.223	0.6563	5	No	18	0.9743	0.5089	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1606I	1.356	0.7335	5	No	18	1.155	0.8435	0	None	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-1606S	1.068	0.3796	5	No	18	0.7239	0.569	0	None	No	0.01	Param.

Confidence Intervals - All Results (No Significant)

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 8/26/2021, 3:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride, total (mg/L)	MW-1002	1.008	0.8441	4	No	18	0.9261	0.1355	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1602D	0.3425	0.3098	4	No	18	0.3261	0.02704	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1602I	0.3065	0.2779	4	No	18	0.2922	0.02365	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1603D	0.3065	0.279	4	No	18	0.2928	0.0227	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1603I	0.4461	0.405	4	No	18	0.4256	0.03399	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1603S	0.7138	0.4495	4	No	18	0.5817	0.2184	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1604D	0.2845	0.2555	4	No	18	0.27	0.02401	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1604I	0.3646	0.3209	4	No	18	0.3428	0.03611	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1604S	1.05	0.88	4	No	18	0.9922	0.1971	0	None	No	0.01	NP (normality)
Fluoride, total (mg/L)	MW-1605D	0.2259	0.1963	4	No	18	0.2111	0.02447	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1605I	0.2208	0.1841	4	No	18	0.2006	0.03421	0	None	x^2	0.01	Param.
Fluoride, total (mg/L)	MW-1605S	0.58	0.5145	4	No	18	0.5472	0.0541	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1606D	0.1989	0.1767	4	No	18	0.1878	0.01833	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1606I	0.212	0.1847	4	No	18	0.1983	0.02256	0	None	No	0.01	Param.
Fluoride, total (mg/L)	MW-1606S	0.5112	0.4132	4	No	18	0.4622	0.08099	0	None	No	0.01	Param.
Lead, total (mg/L)	MW-1002	0.0002	0.000022	0.015	No	18	0.0001013	0.00008716	38.89	None	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1602D	0.0001475	0.00002612	0.015	No	18	0.0001648	0.0002059	27.78	Kaplan-Meier	x^(1/3)	0.01	Param.
Lead, total (mg/L)	MW-1602I	0.0001892	0.00005754	0.015	No	18	0.0001532	0.0001064	22.22	Kaplan-Meier	No	0.01	Param.
Lead, total (mg/L)	MW-1603D	0.0002	0.00002	0.015	No	17	0.0001026	0.00008679	35.29	None	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1603I	0.0001733	0.0000392	0.015	No	18	0.0001581	0.0001463	22.22	Kaplan-Meier	sqrt(x)	0.01	Param.
Lead, total (mg/L)	MW-1603S	0.0002	0.000042	0.015	No	18	0.0001446	0.00008747	44.44	None	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1604D	0.0000411	0.00001298	0.015	No	18	0.00009072	0.00008232	33.33	Kaplan-Meier	ln(x)	0.01	Param.
Lead, total (mg/L)	MW-1604I	0.0002	0.00002	0.015	No	18	0.0001051	0.00008934	44.44	None	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1604S	0.00008569	0.00002575	0.015	No	17	0.0001166	0.00009319	35.29	Kaplan-Meier	sqrt(x)	0.01	Param.
Lead, total (mg/L)	MW-1605D	0.0002	0.000035	0.015	No	18	0.0001204	0.00009266	44.44	None	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1605I	0.0002	0.00004	0.015	No	18	0.0001183	0.00006796	16.67	None	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1605S	0.0002046	0.00003497	0.015	No	18	0.0003273	0.000559	16.67	Kaplan-Meier	ln(x)	0.01	Param.
Lead, total (mg/L)	MW-1606D	0.0002	0.00002	0.015	No	18	0.0001218	0.00008763	38.89	None	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1606I	0.0002	0.000032	0.015	No	18	0.0001251	0.00008333	44.44	None	No	0.01	NP (normality)
Lead, total (mg/L)	MW-1606S	0.0001237	0.00002425	0.015	No	17	0.0001501	0.0001142	41.18	Kaplan-Meier	sqrt(x)	0.01	Param.
Lithium, total (mg/L)	MW-1002	0.00779	0.003868	0.04	No	18	0.007871	0.004771	16.67	Kaplan-Meier	sqrt(x)	0.01	Param.
Lithium, total (mg/L)	MW-1602D	0.008374	0.002875	0.04	No	18	0.006192	0.005532	5.556	None	sqrt(x)	0.01	Param.
Lithium, total (mg/L)	MW-1602I	0.009768	0.005002	0.04	No	18	0.007385	0.003939	5.556	None	No	0.01	Param.
Lithium, total (mg/L)	MW-1603D	0.008743	0.004392	0.04	No	18	0.006975	0.003986	11.11	None	x^(1/3)	0.01	Param.
Lithium, total (mg/L)	MW-1603I	0.00982	0.005667	0.04	No	18	0.009769	0.003864	16.67	Kaplan-Meier	No	0.01	Param.
Lithium, total (mg/L)	MW-1603S	0.00554	0.002421	0.04	No	18	0.007133	0.005192	16.67	Kaplan-Meier	ln(x)	0.01	Param.
Lithium, total (mg/L)	MW-1604D	0.01	0.0014	0.04	No	18	0.006088	0.005553	22.22	None	No	0.01	NP (normality)
Lithium, total (mg/L)	MW-1604I	0.01071	0.006357	0.04	No	18	0.008532	0.003595	5.556	None	No	0.01	Param.
Lithium, total (mg/L)	MW-1604S	0.01287	0.008929	0.04	No	18	0.0109	0.003259	5.556	None	No	0.01	Param.
Lithium, total (mg/L)	MW-1605D	0.00591	0.002436	0.04	No	18	0.004947	0.004083	11.11	None	ln(x)	0.01	Param.
Lithium, total (mg/L)	MW-1605I	0.008677	0.005267	0.04	No	18	0.007365	0.003396	0	None	ln(x)	0.01	Param.
Lithium, total (mg/L)	MW-1605S	0.01614	0.01179	0.04	No	18	0.01397	0.003592	5.556	None	No	0.01	Param.
Lithium, total (mg/L)	MW-1606D	0.009	0.000622	0.04	No	18	0.004917	0.005258	16.67	None	No	0.01	NP (normality)
Lithium, total (mg/L)	MW-1606I	0.008423	0.004524	0.04	No	18	0.006711	0.003464	5.556	None	sqrt(x)	0.01	Param.
Lithium, total (mg/L)	MW-1606S	0.01217	0.008829	0.04	No	18	0.0105	0.002761	5.556	None	No	0.01	Param.
Mercury, total (mg/L)	MW-1002	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1602D	0.000005	0.000003	0.002	No	17	0.000004882	4.9e-7	88.24	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1602I	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1603D	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1603I	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1603S	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1604D	0.000005	0.000002	0.002	No	17	0.000004824	7.3e-7	88.24	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1604I	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1604S	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1605D	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1605I	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1605S	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1606D	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1606I	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)
Mercury, total (mg/L)	MW-1606S	0.000005	0.000005	0.002	No	17	0.000005	3.1e-14	94.12	None	No	0.01	NP (NDs)

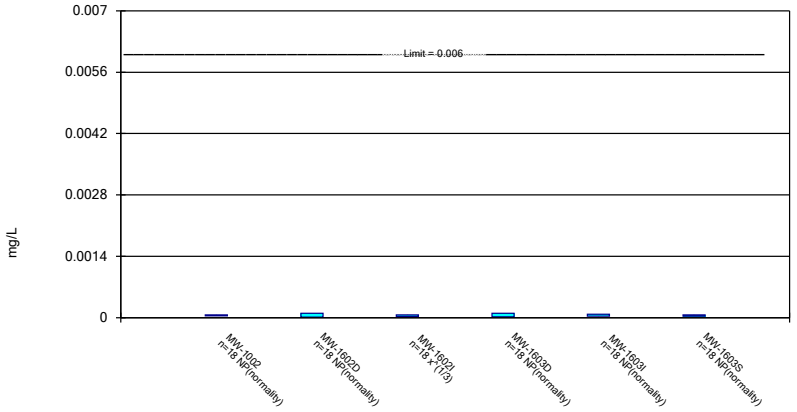
Confidence Intervals - All Results (No Significant)

Rockport BAP Client: Geosyntec Data: Rockport_BAP Printed 8/26/2021, 3:24 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum, total (mg/L)	MW-1002	0.007083	0.00356	0.1	No	18	0.005558	0.002991	0	None	sqrt(x)	0.01	Param.
Molybdenum, total (mg/L)	MW-1602D	0.00377	0.003287	0.1	No	18	0.003535	0.0004105	0	None	sqrt(x)	0.01	Param.
Molybdenum, total (mg/L)	MW-1602I	0.00231	0.00201	0.1	No	18	0.002179	0.0002057	0	None	No	0.01	NP (normality)
Molybdenum, total (mg/L)	MW-1603D	0.005185	0.004038	0.1	No	18	0.004673	0.001033	0	None	ln(x)	0.01	Param.
Molybdenum, total (mg/L)	MW-1603I	0.008522	0.006352	0.1	No	18	0.007437	0.001793	0	None	No	0.01	Param.
Molybdenum, total (mg/L)	MW-1603S	0.0009175	0.0002859	0.1	No	18	0.0007922	0.0006564	22.22	Kaplan-Meier	sqrt(x)	0.01	Param.
Molybdenum, total (mg/L)	MW-1604D	0.003069	0.002543	0.1	No	18	0.002816	0.0004505	0	None	sqrt(x)	0.01	Param.
Molybdenum, total (mg/L)	MW-1604I	0.002742	0.002364	0.1	No	18	0.002553	0.0003122	0	None	No	0.01	Param.
Molybdenum, total (mg/L)	MW-1604S	0.003225	0.00217	0.1	No	18	0.002738	0.0008913	0	None	sqrt(x)	0.01	Param.
Molybdenum, total (mg/L)	MW-1605D	0.00244	0.00198	0.1	No	17	0.002198	0.0003481	0	None	No	0.01	NP (normality)
Molybdenum, total (mg/L)	MW-1605I	0.00133	0.001	0.1	No	17	0.001158	0.0001621	0	None	No	0.01	NP (normality)
Molybdenum, total (mg/L)	MW-1605S	0.002089	0.001698	0.1	No	18	0.001872	0.0003539	0	None	x^2	0.01	Param.
Molybdenum, total (mg/L)	MW-1606D	0.00213	0.00185	0.1	No	18	0.002104	0.0004616	0	None	No	0.01	NP (normality)
Molybdenum, total (mg/L)	MW-1606I	0.001543	0.001073	0.1	No	17	0.001308	0.0003752	0	None	No	0.01	Param.
Molybdenum, total (mg/L)	MW-1606S	0.00132	0.001	0.1	No	17	0.001188	0.000313	0	None	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1002	0.0001	0.00006	0.05	No	18	0.0001022	0.0001006	5.556	None	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1602D	0.0005	0.00003	0.05	No	18	0.000235	0.000221	38.89	None	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1602I	0.0005	0.00004	0.05	No	18	0.0002556	0.0002258	44.44	None	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1603D	0.0005	0.00004	0.05	No	18	0.0002894	0.0002247	50	None	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1603I	0.0005	0.00007	0.05	No	18	0.0003556	0.0002105	66.67	None	No	0.01	NP (NDs)
Selenium, total (mg/L)	MW-1603S	0.0002967	0.00008612	0.05	No	18	0.0002756	0.0003578	11.11	None	ln(x)	0.01	Param.
Selenium, total (mg/L)	MW-1604D	0.0005	0.0001	0.05	No	18	0.0004017	0.0001897	77.78	None	No	0.01	NP (NDs)
Selenium, total (mg/L)	MW-1604I	0.0005	0.00005	0.05	No	18	0.0002833	0.0002238	50	None	No	0.01	NP (normality)
Selenium, total (mg/L)	MW-1604S	0.0001357	0.00006131	0.05	No	18	0.0001167	0.000109	5.556	None	ln(x)	0.01	Param.
Selenium, total (mg/L)	MW-1605D	0.0005	0.00004	0.05	No	18	0.0003239	0.0002276	61.11	None	No	0.01	NP (NDs)
Selenium, total (mg/L)	MW-1605I	0.0005	0.00004	0.05	No	18	0.0003011	0.0002293	55.56	None	No	0.01	NP (NDs)
Selenium, total (mg/L)	MW-1605S	0.001114	0.0005696	0.05	No	17	0.0008418	0.0004343	0	None	No	0.01	Param.
Selenium, total (mg/L)	MW-1606D	0.0005	0.00006	0.05	No	18	0.0003544	0.0002123	66.67	None	No	0.01	NP (NDs)
Selenium, total (mg/L)	MW-1606I	0.0005	0.00005	0.05	No	18	0.0003756	0.0002069	72.22	None	No	0.01	NP (NDs)
Selenium, total (mg/L)	MW-1606S	0.004399	0.002993	0.05	No	18	0.003696	0.001162	0	None	No	0.01	Param.
Thallium, total (mg/L)	MW-1002	0.0002	0.00003	0.002	No	18	0.0001072	0.00008567	44.44	None	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1602D	0.0002	0.000066	0.002	No	18	0.0001642	0.00006954	77.78	None	No	0.01	NP (NDs)
Thallium, total (mg/L)	MW-1602I	0.0002	0.00002	0.002	No	18	0.0001133	0.00008964	50	None	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1603D	0.0002	0.00004	0.002	No	18	0.000146	0.00007924	66.67	None	No	0.01	NP (NDs)
Thallium, total (mg/L)	MW-1603I	0.0002	0.00003	0.002	No	18	0.0001094	0.0000837	44.44	None	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1603S	0.0002	0.00002	0.002	No	18	0.0001092	0.0000853	44.44	None	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1604D	0.0002	0.000095	0.002	No	18	0.0001653	0.00006874	77.78	None	No	0.01	NP (NDs)
Thallium, total (mg/L)	MW-1604I	0.0002	0.00002	0.002	No	18	0.0001056	0.00008843	44.44	None	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1604S	0.0002	0.00003	0.002	No	18	0.0001118	0.00008294	44.44	None	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1605D	0.0002	0.00005	0.002	No	18	0.0001717	0.00006555	83.33	None	No	0.01	NP (NDs)
Thallium, total (mg/L)	MW-1605I	0.0002	0.00003	0.002	No	18	0.0001152	0.0000857	44.44	None	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1605S	0.0002	0.00003	0.002	No	18	0.0001022	0.00008236	38.89	None	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1606D	0.0002	0.000124	0.002	No	18	0.000168	0.00006469	77.78	None	No	0.01	NP (NDs)
Thallium, total (mg/L)	MW-1606I	0.0002	0.00004	0.002	No	18	0.0001135	0.00008044	44.44	None	No	0.01	NP (normality)
Thallium, total (mg/L)	MW-1606S	0.0002	0.00002	0.002	No	18	0.0001149	0.00008885	50	None	No	0.01	NP (normality)

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Antimony, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

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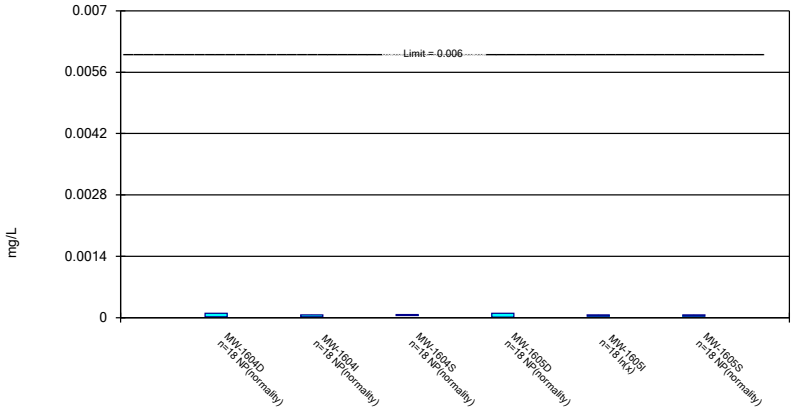
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

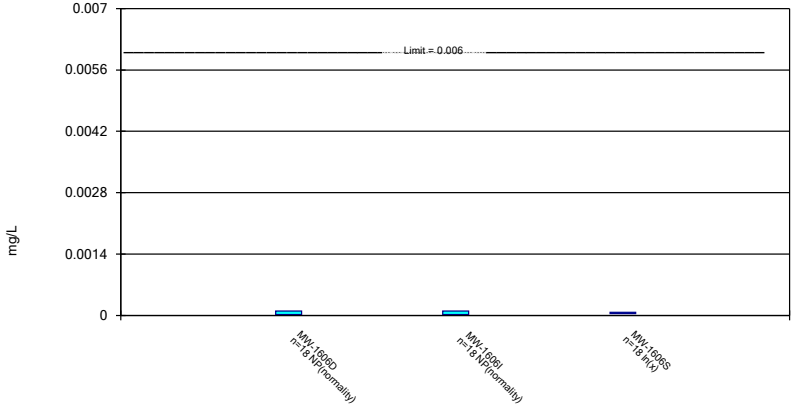


Constituent: Antimony, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Antimony, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

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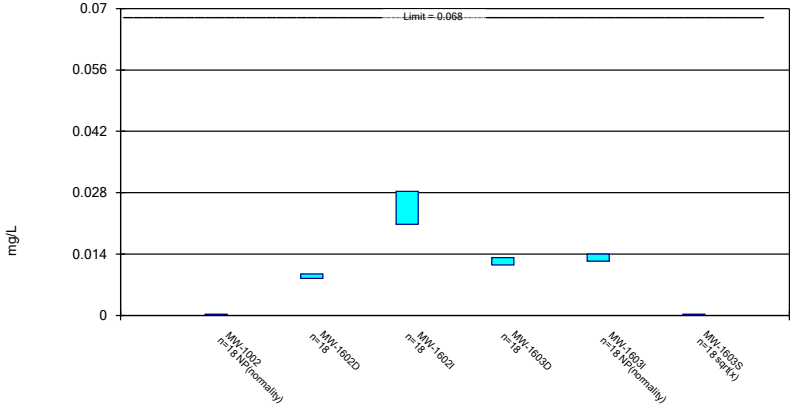
Parametric and Non-Parametric (NP) Confidence Interval

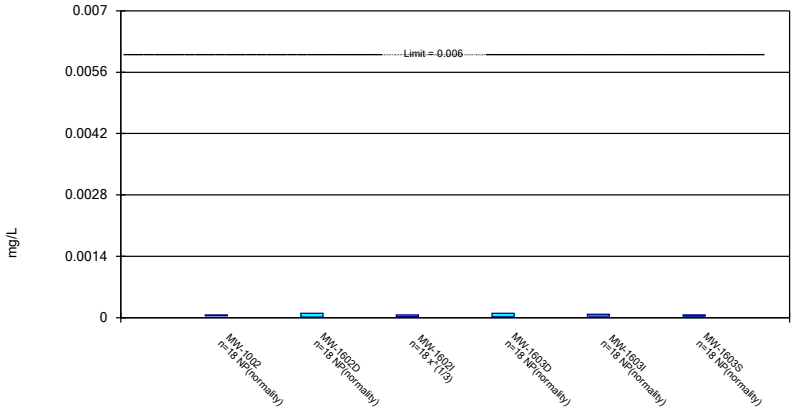
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Antimony, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

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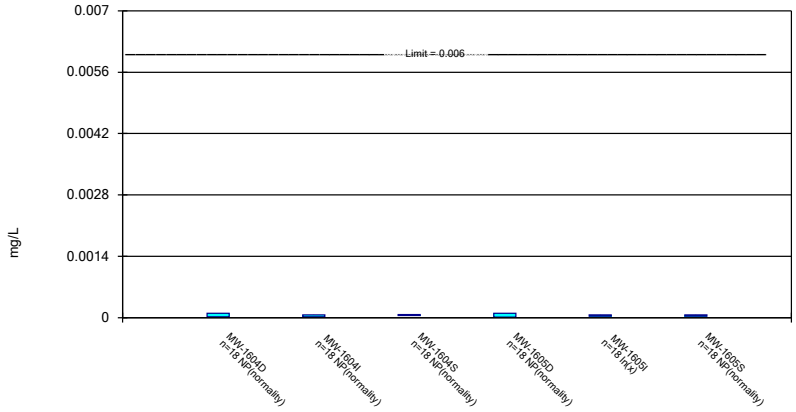
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

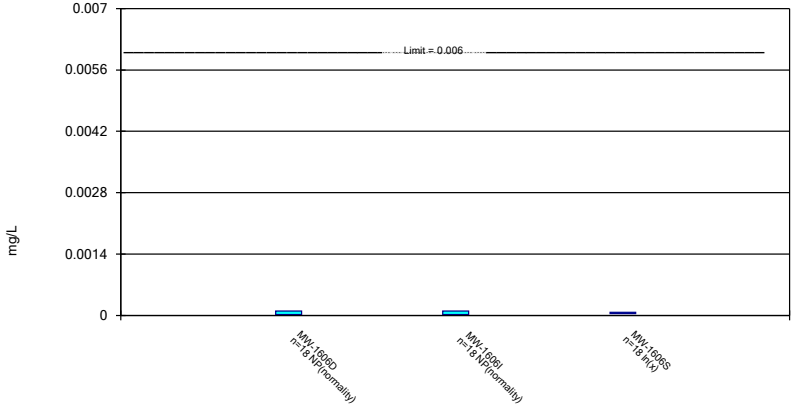


Constituent: Antimony, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

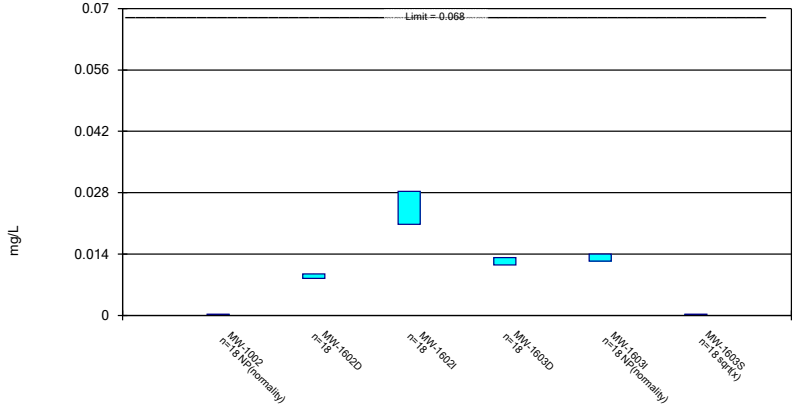


Constituent: Antimony, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

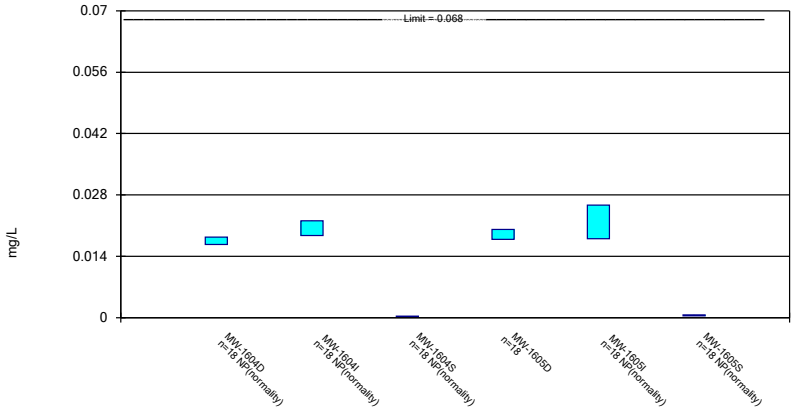
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

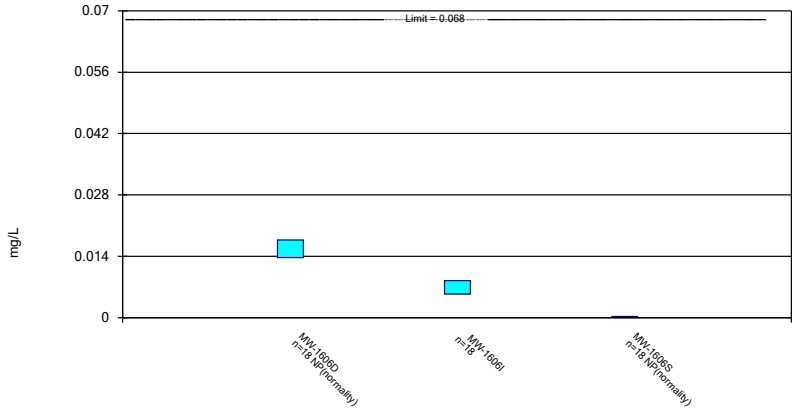


Constituent: Arsenic, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

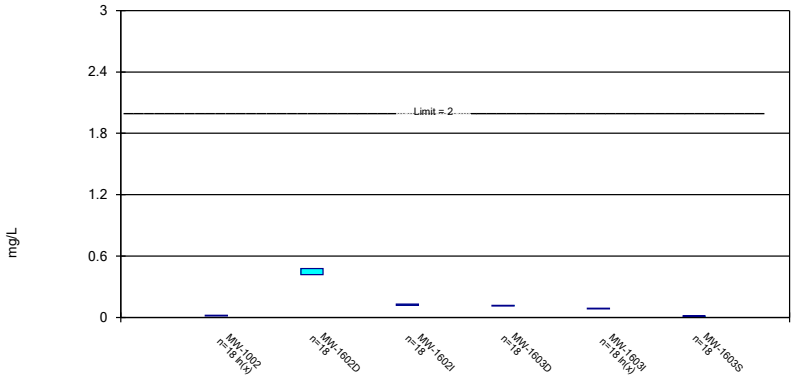


Constituent: Arsenic, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

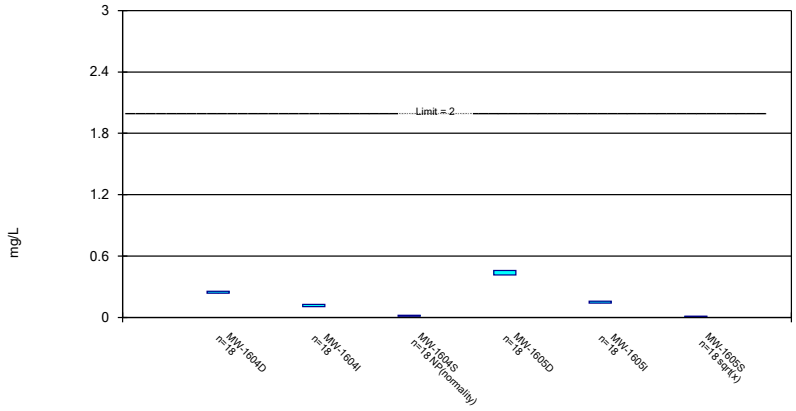


Constituent: Barium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

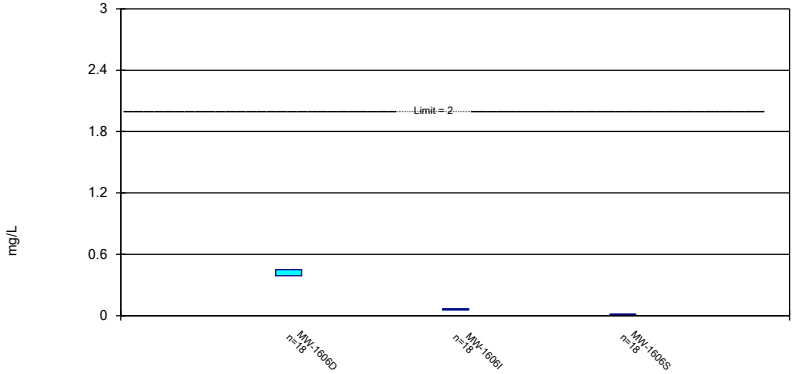
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

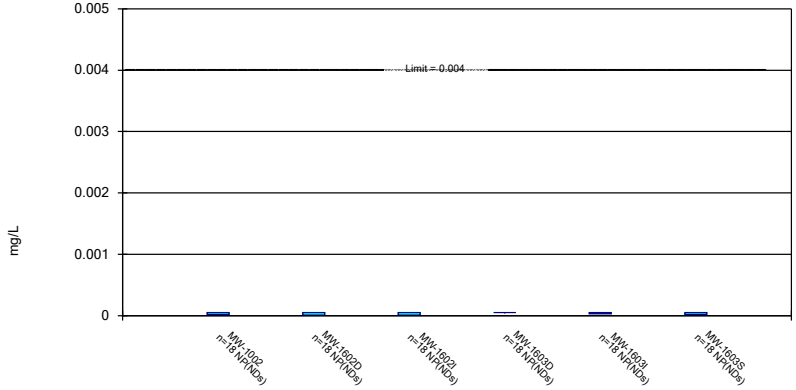
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

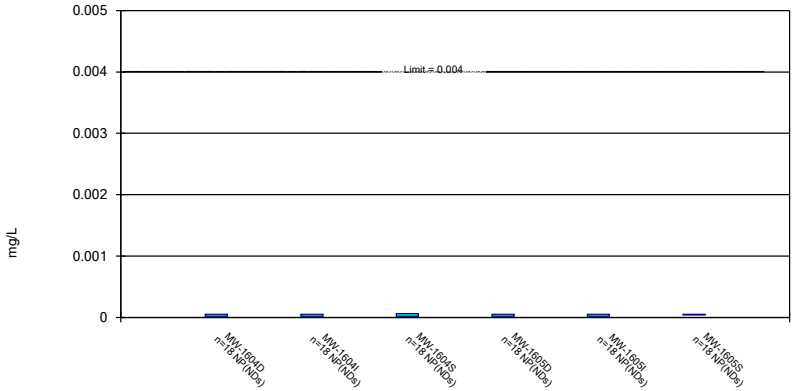
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

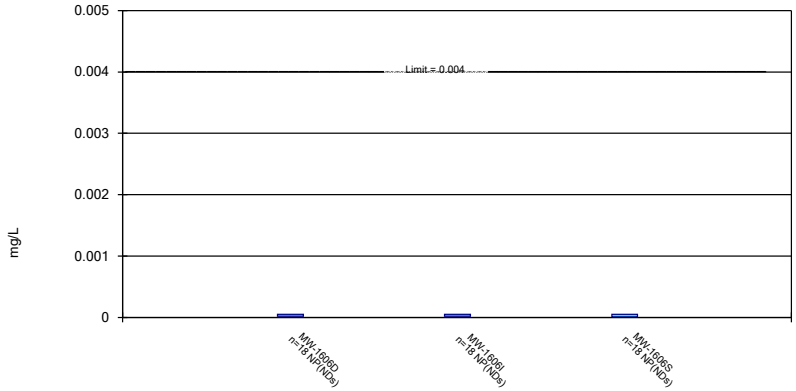
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

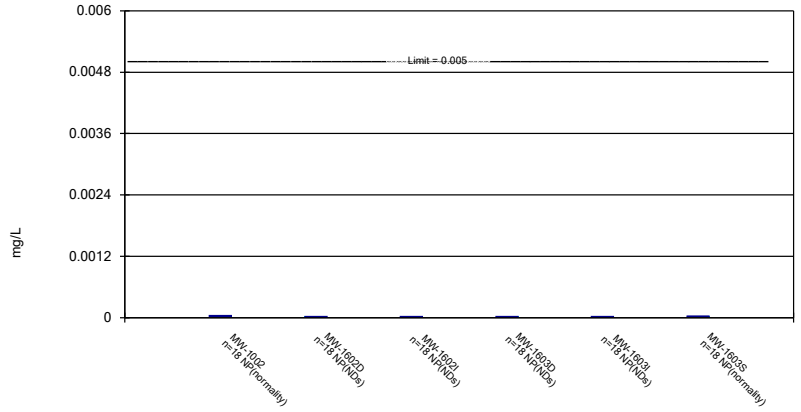
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

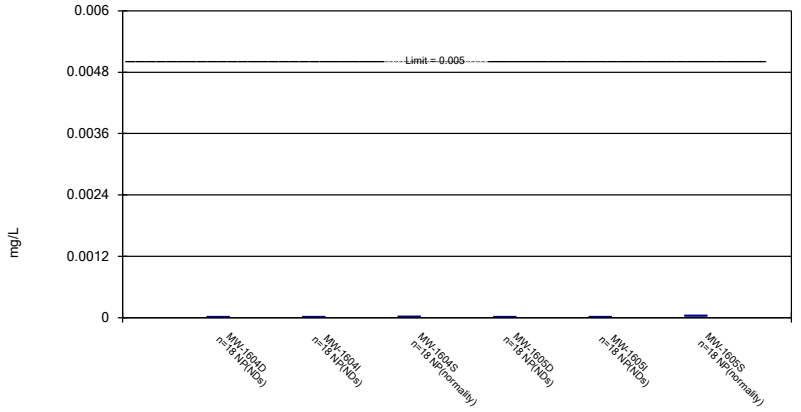


Constituent: Cadmium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

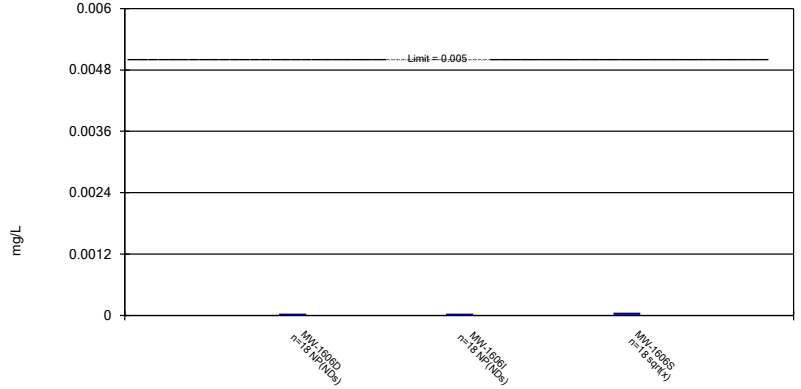


Constituent: Cadmium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

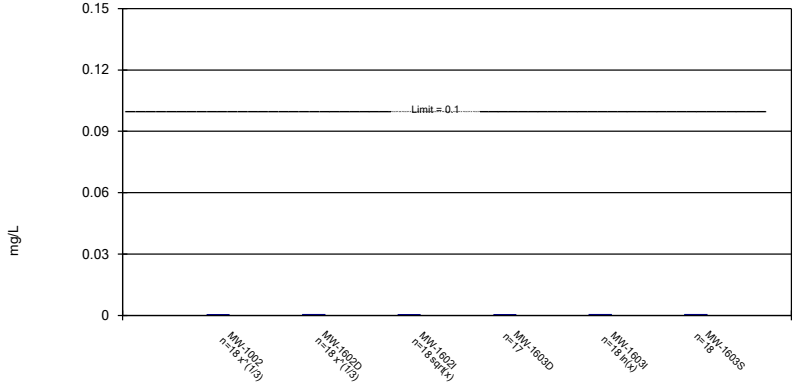


Constituent: Cadmium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric Confidence Interval

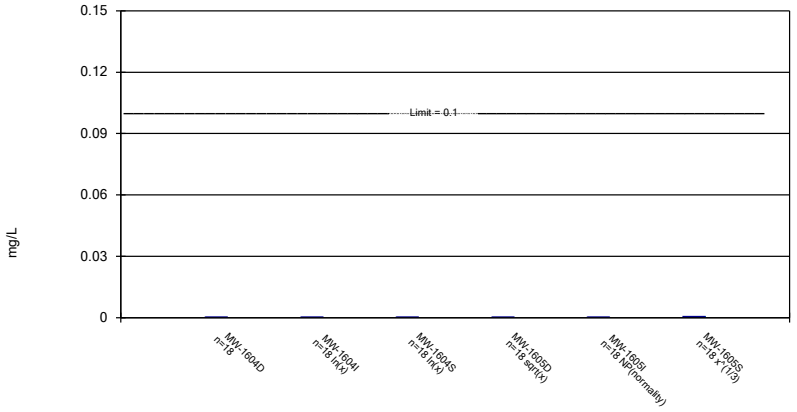
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chromium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

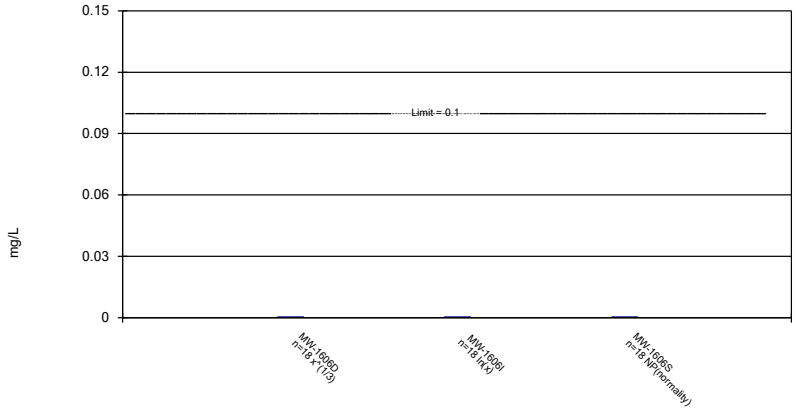


Constituent: Chromium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

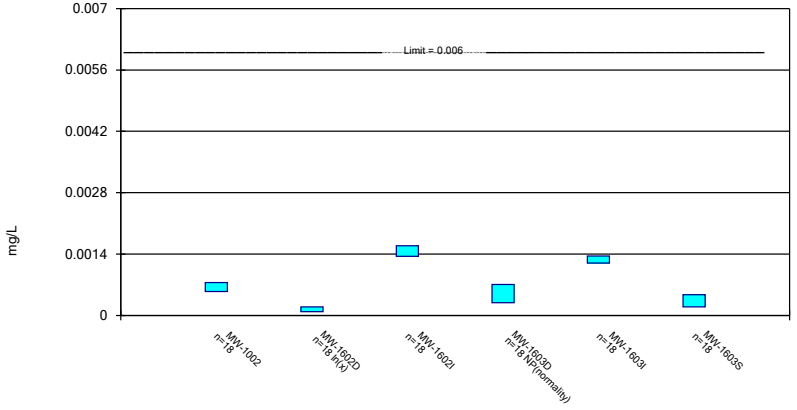


Constituent: Chromium, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

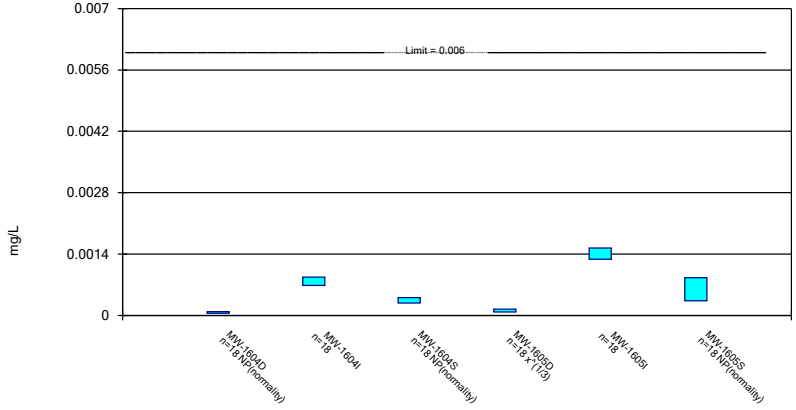


Constituent: Cobalt, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

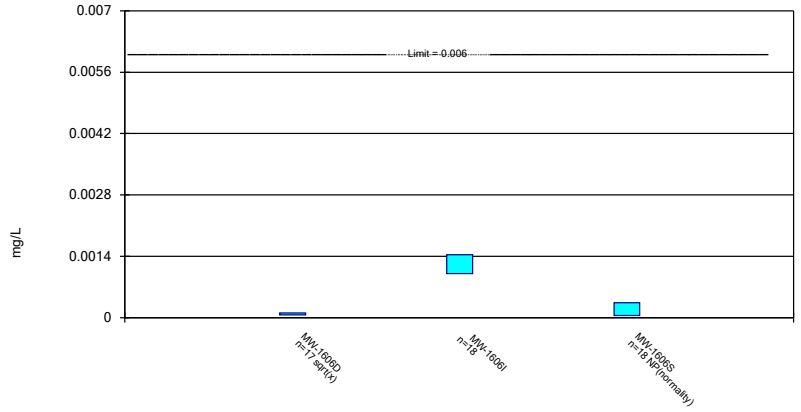
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

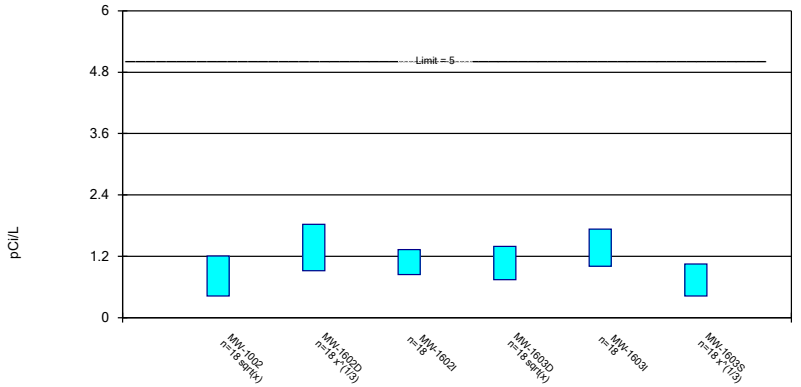
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

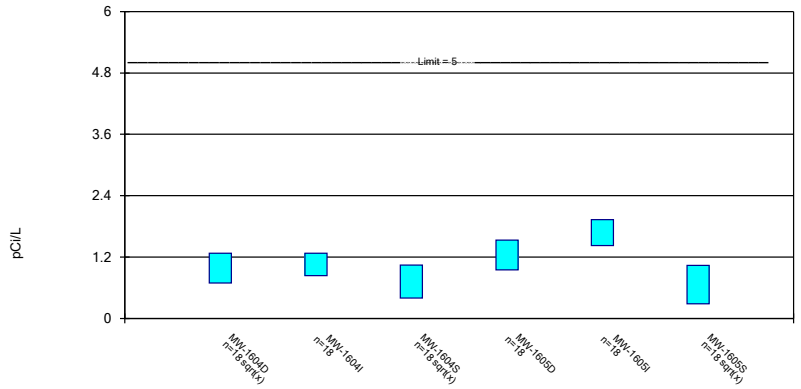
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

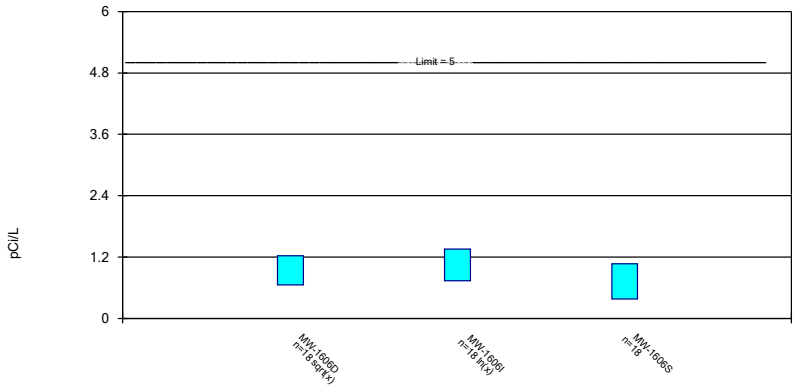
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

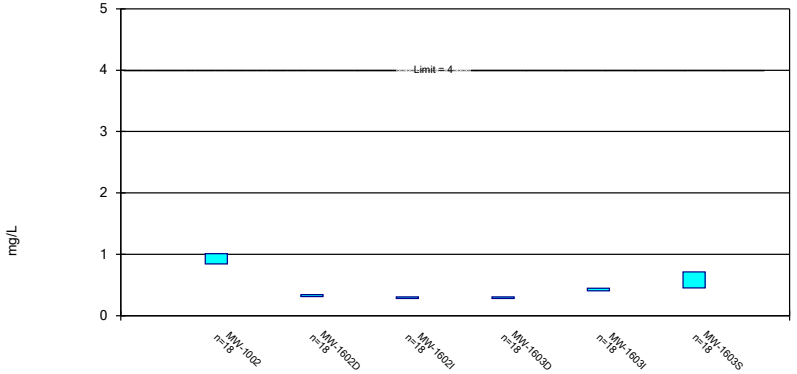
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

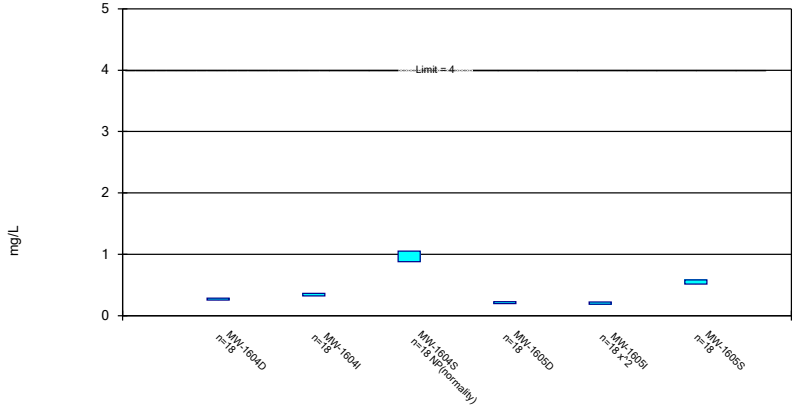
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

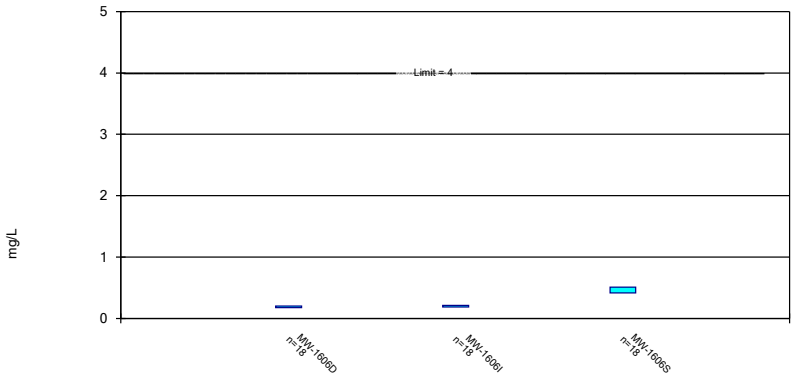
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

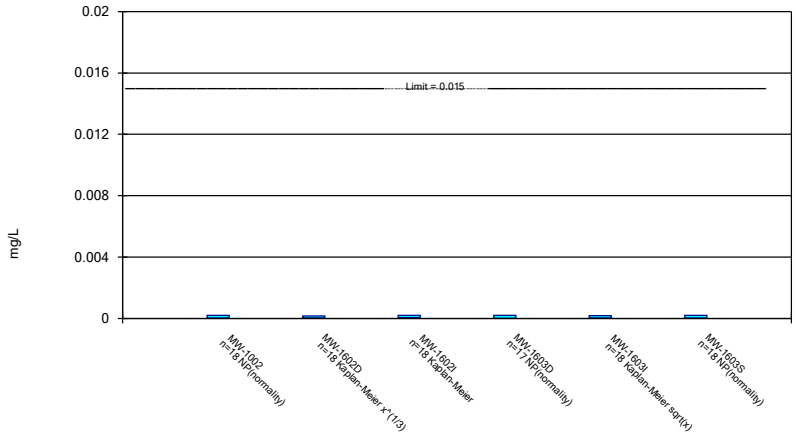
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride, total Analysis Run 8/26/2021 3:20 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

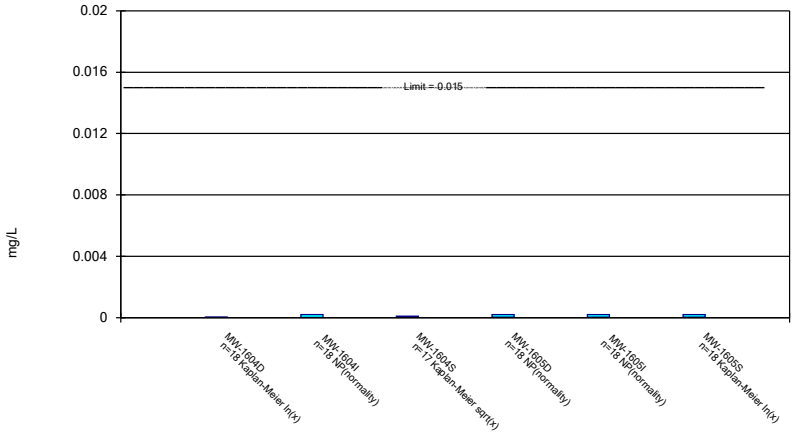
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lead, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

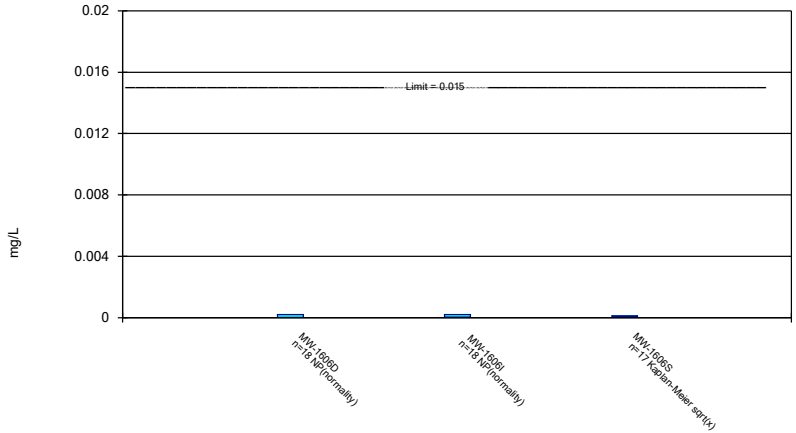


Constituent: Lead, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

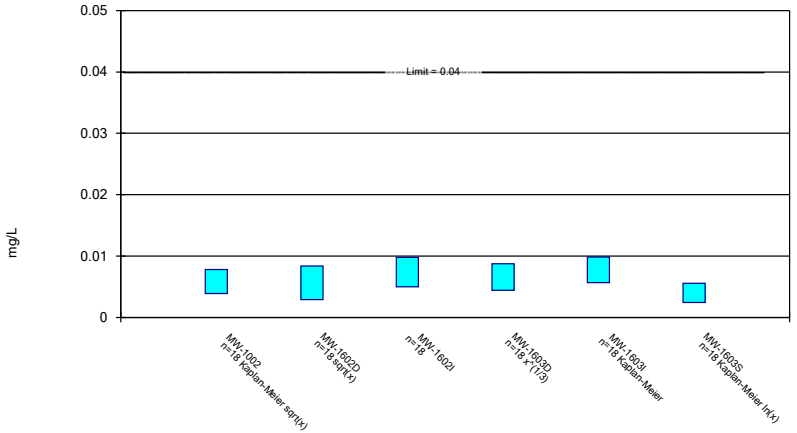


Constituent: Lead, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

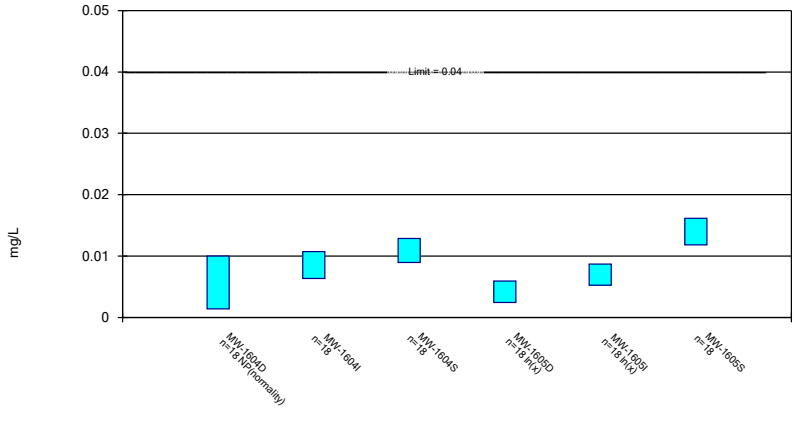


Constituent: Lithium, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

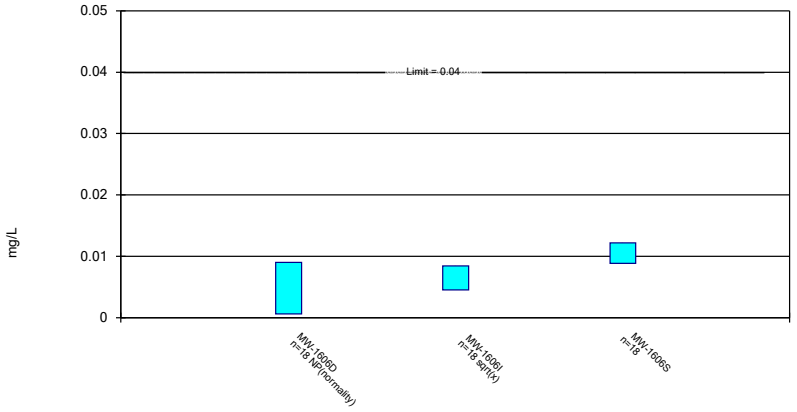
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

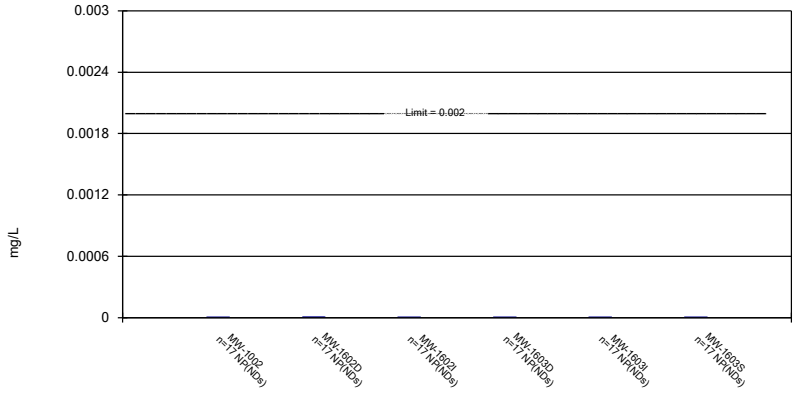
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

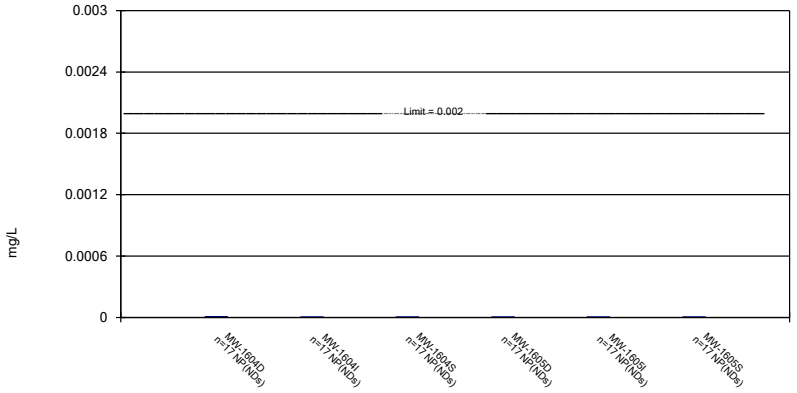
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

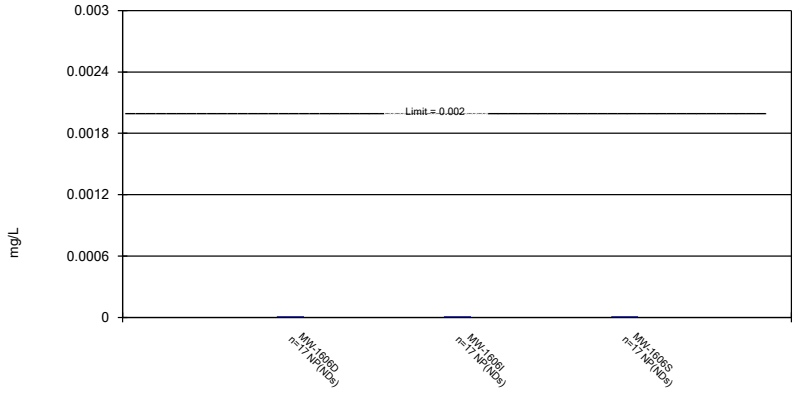
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

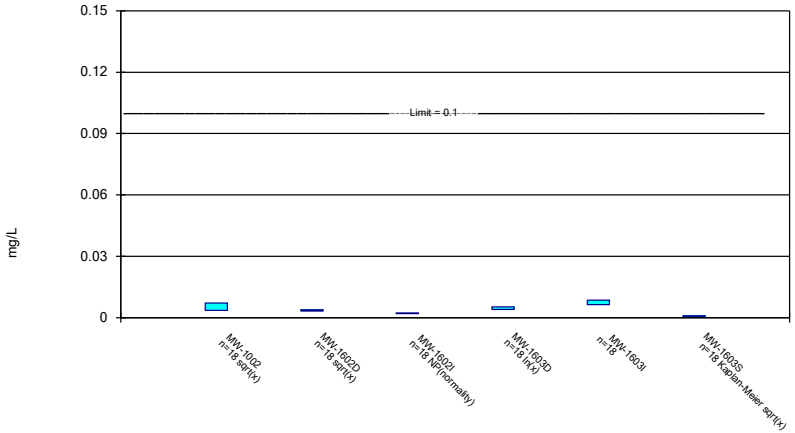
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

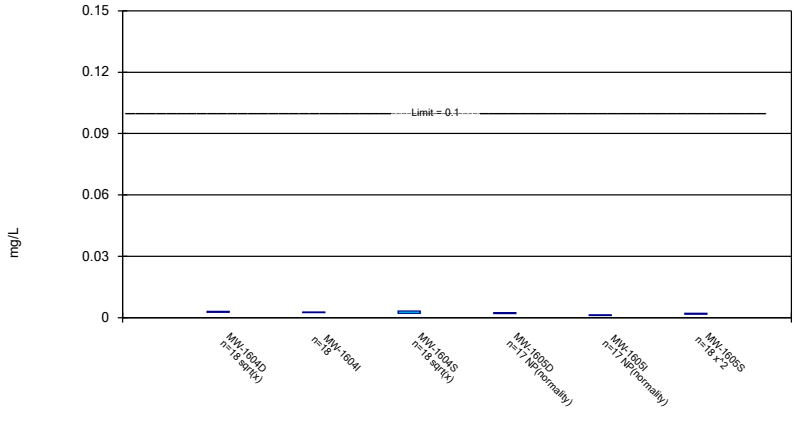


Constituent: Molybdenum, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

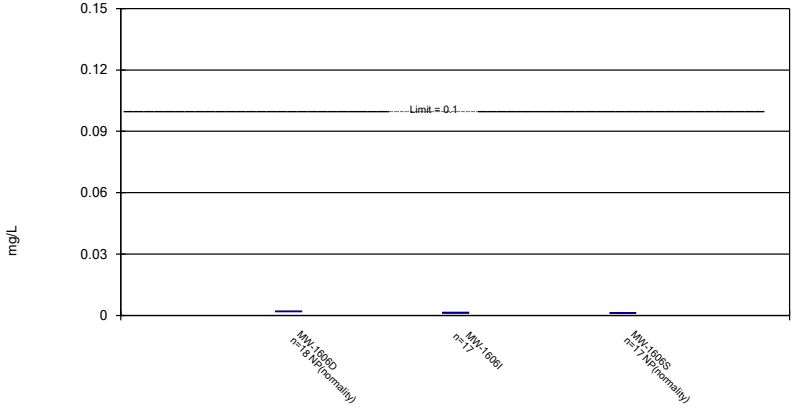


Constituent: Molybdenum, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

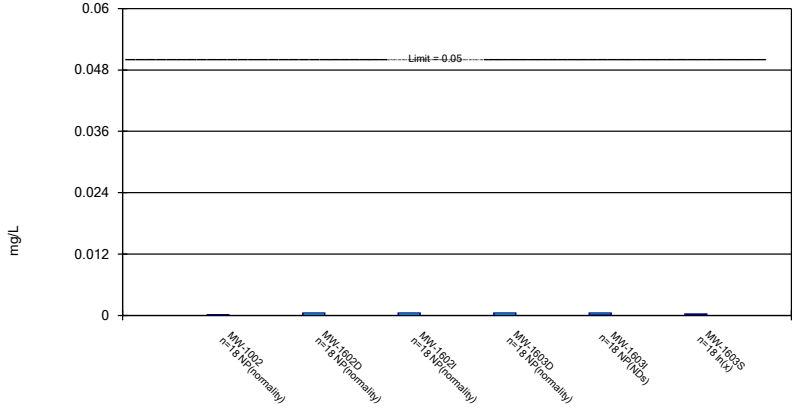


Constituent: Molybdenum, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

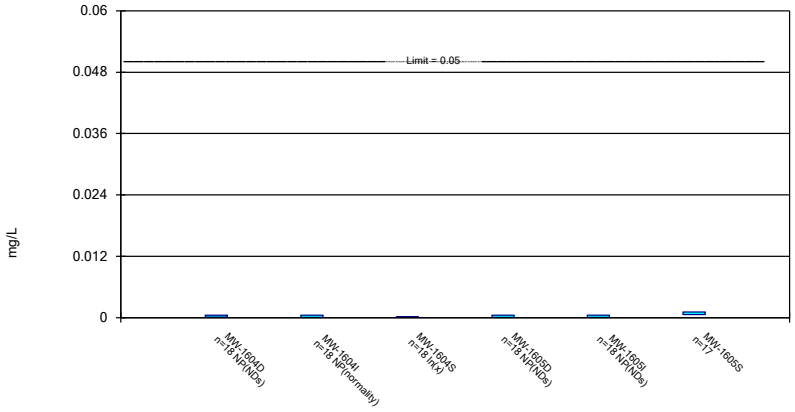
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Selenium, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

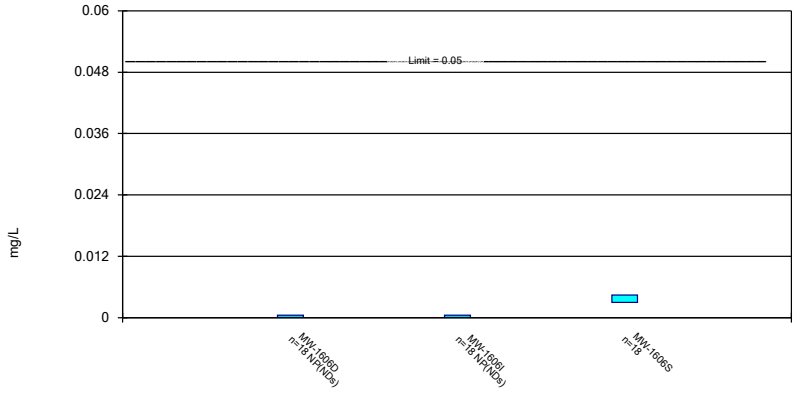


Constituent: Selenium, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

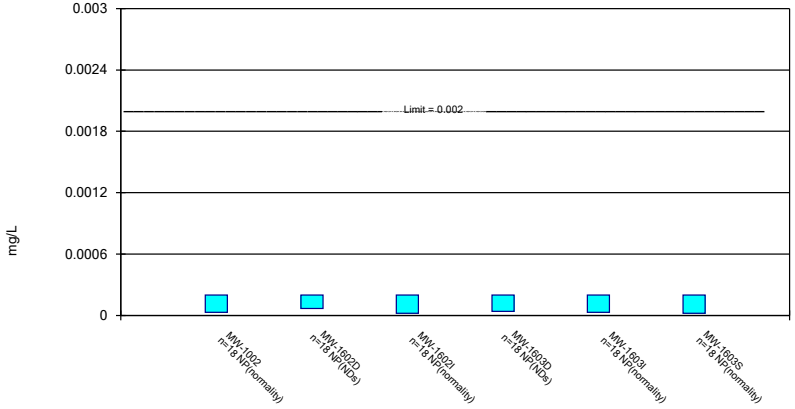


Constituent: Selenium, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

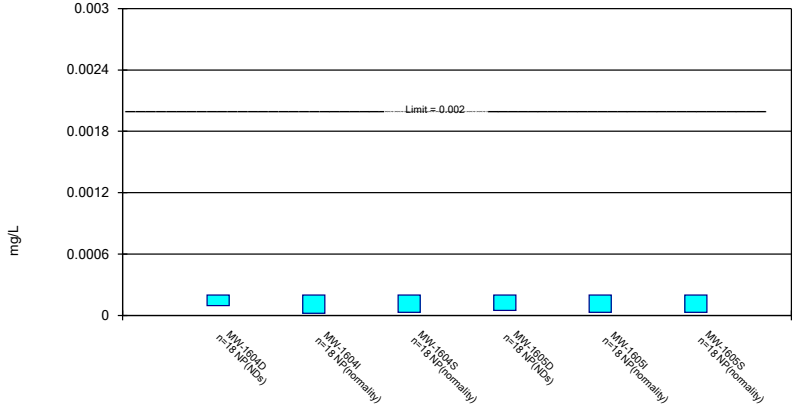


Constituent: Thallium, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

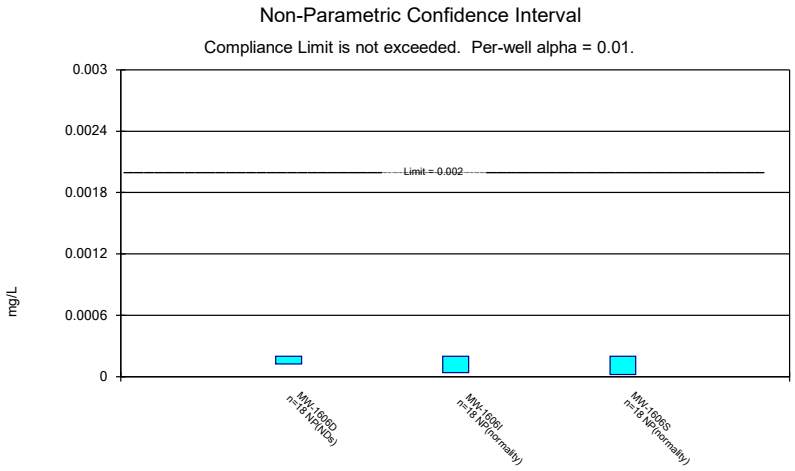
Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



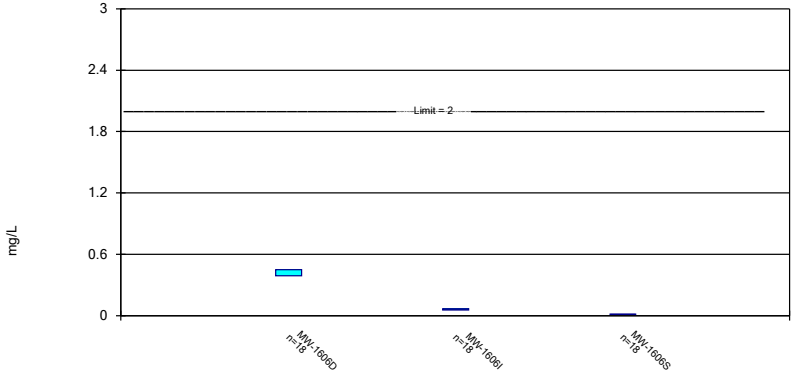
Constituent: Thallium, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP



Constituent: Thallium, total Analysis Run 8/26/2021 3:21 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

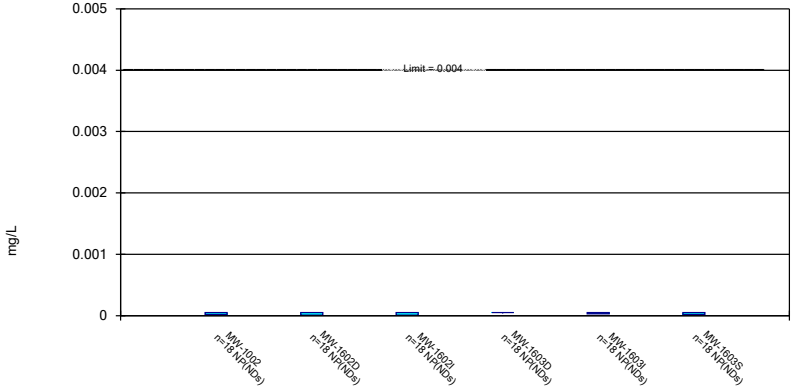
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

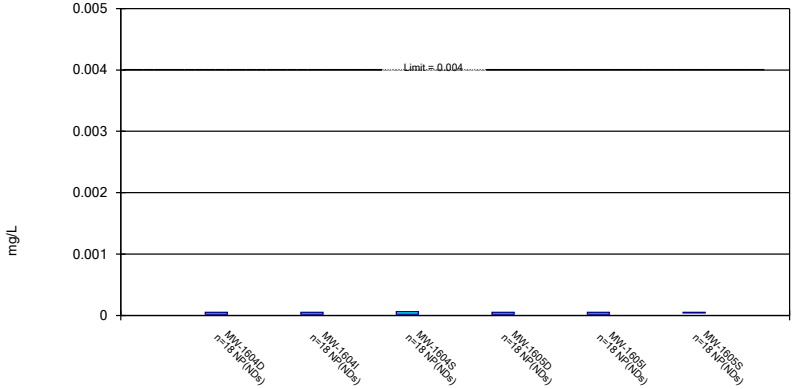
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

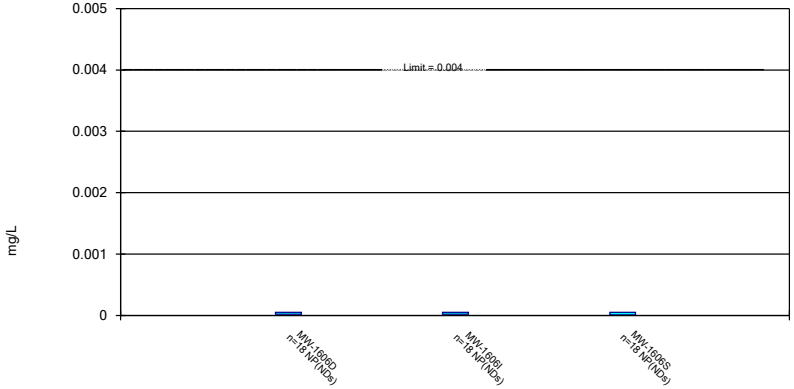
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

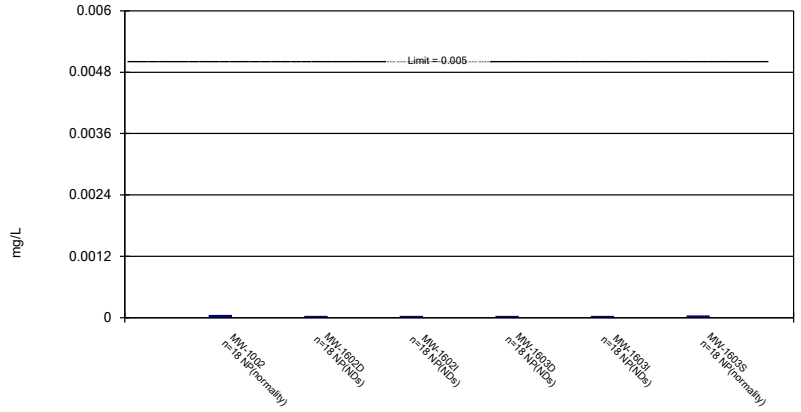
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

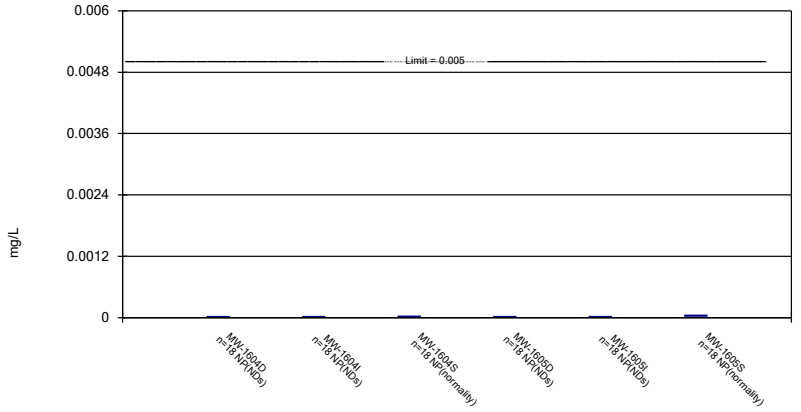


Constituent: Cadmium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

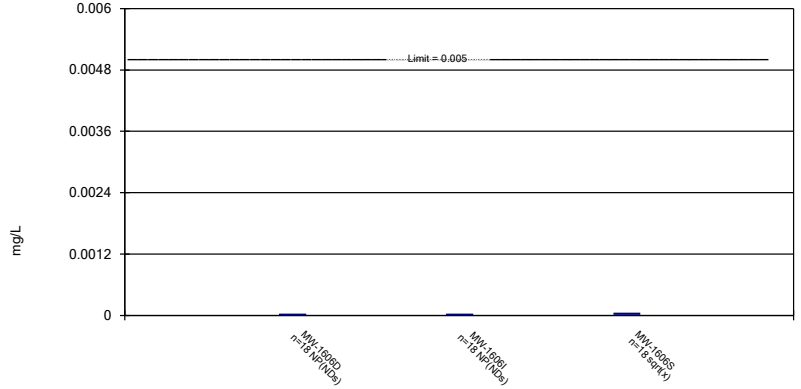


Constituent: Cadmium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

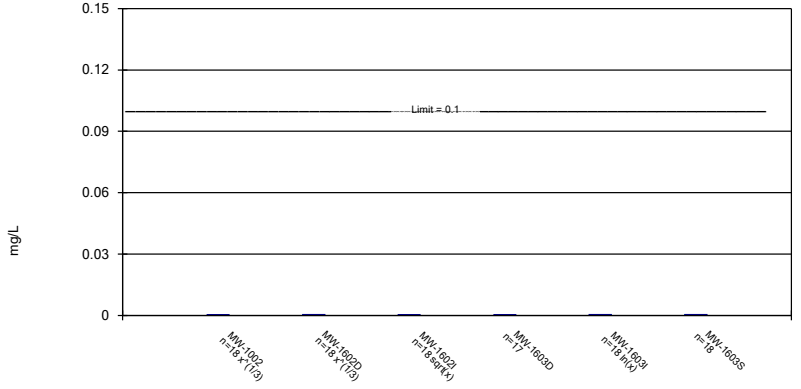


Constituent: Cadmium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric Confidence Interval

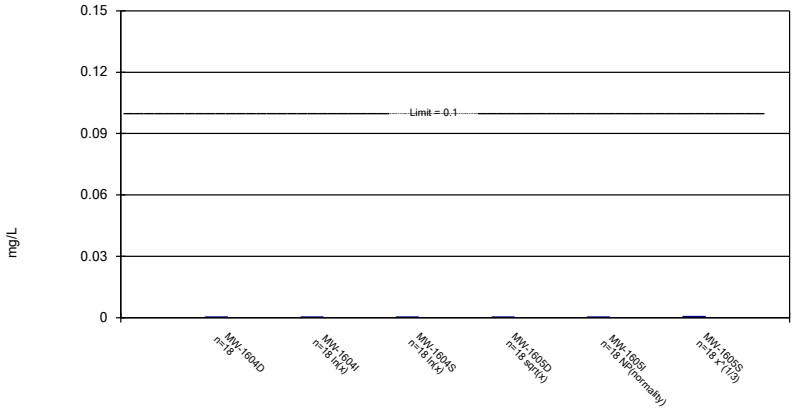
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chromium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

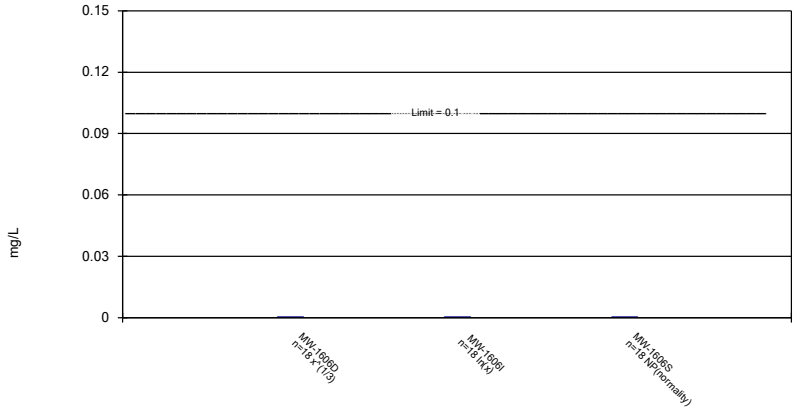


Constituent: Chromium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

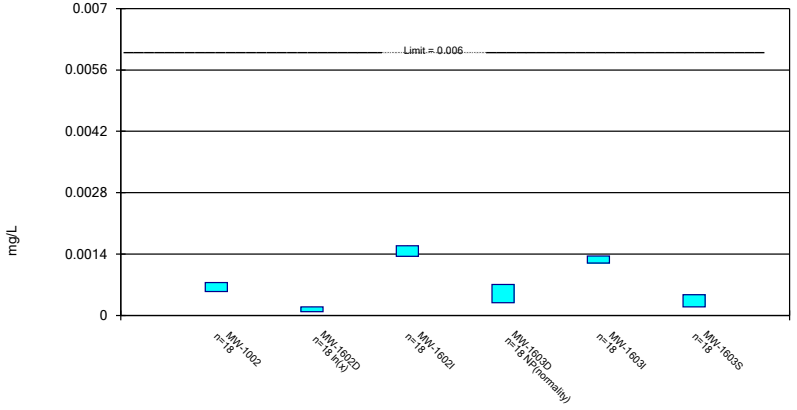


Constituent: Chromium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

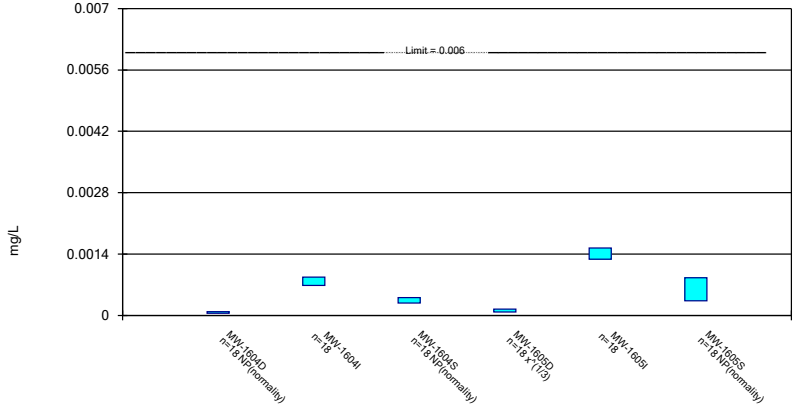


Constituent: Cobalt, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

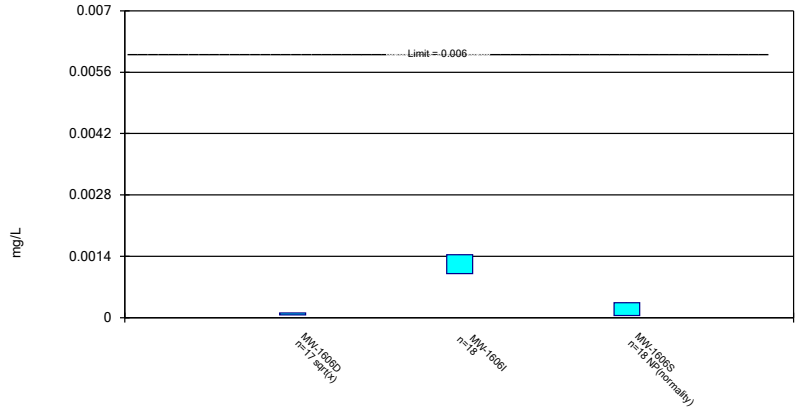
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

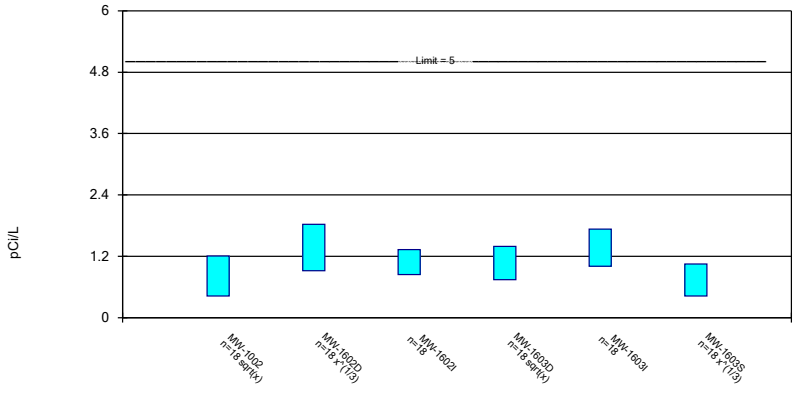
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

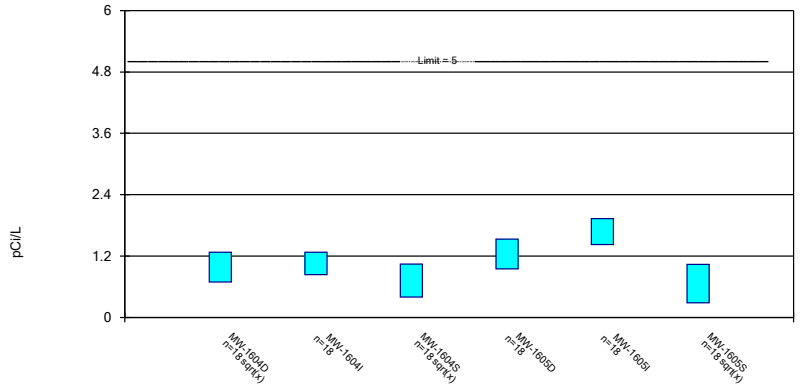
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

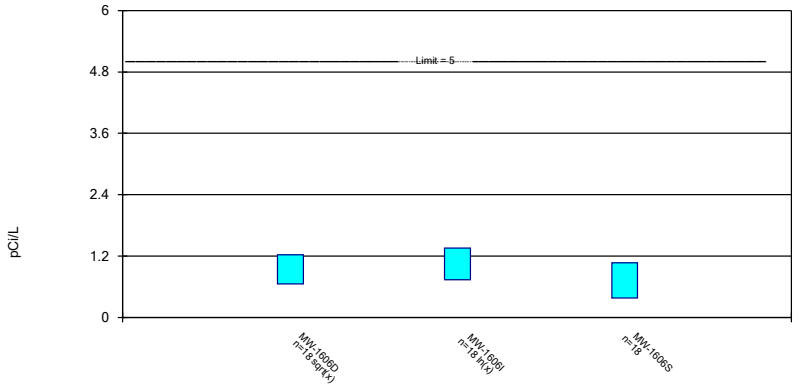
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

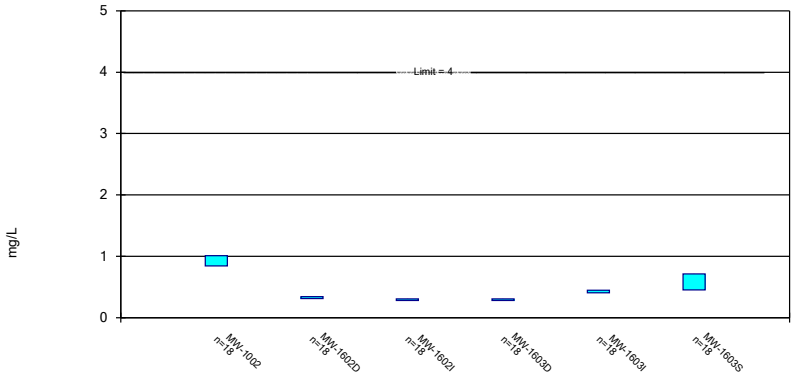
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

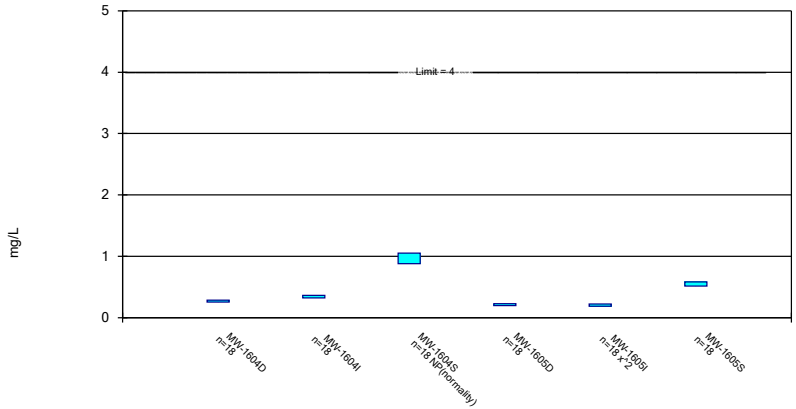
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

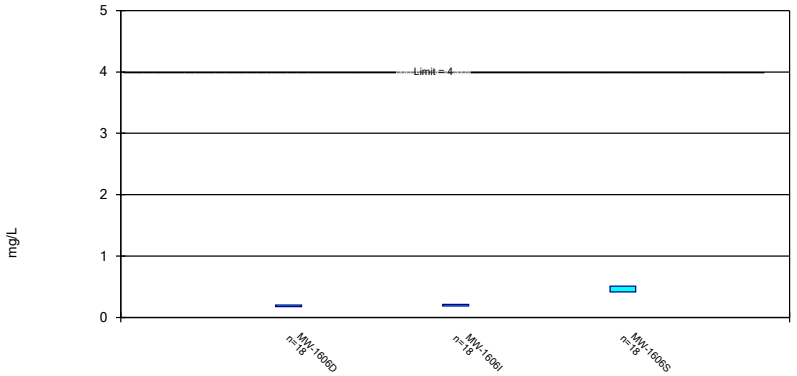
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric Confidence Interval

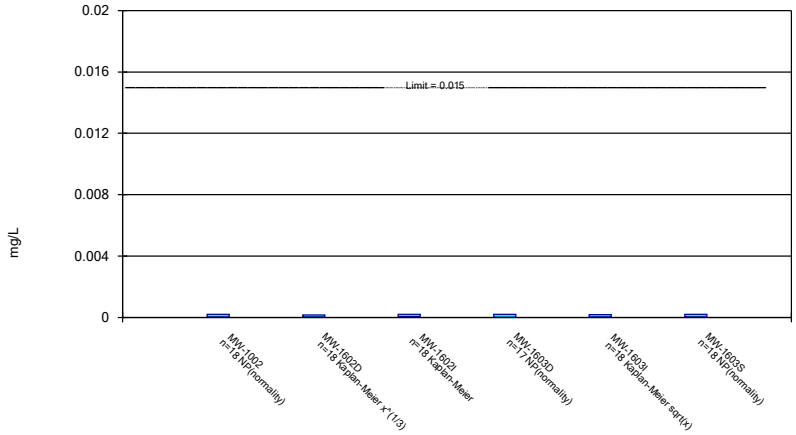
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

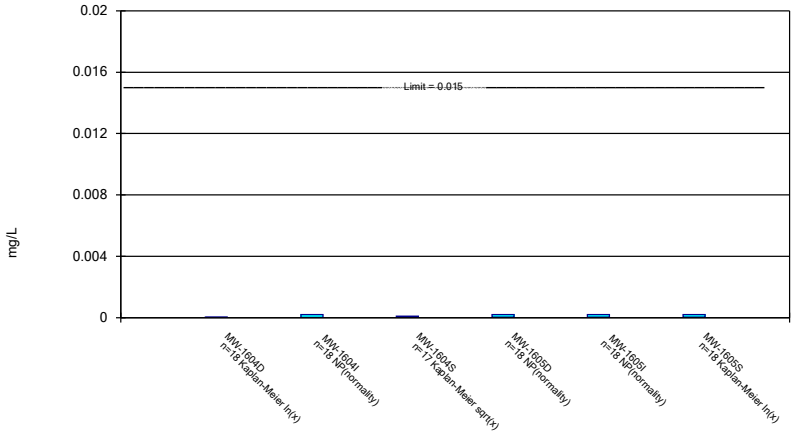
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lead, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

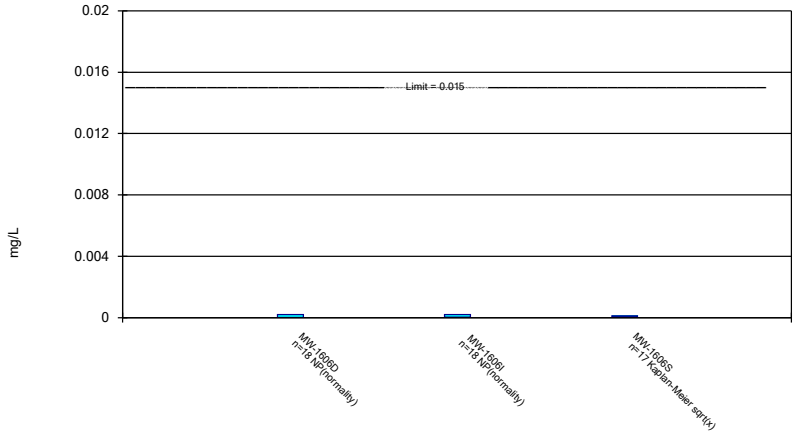


Constituent: Lead, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

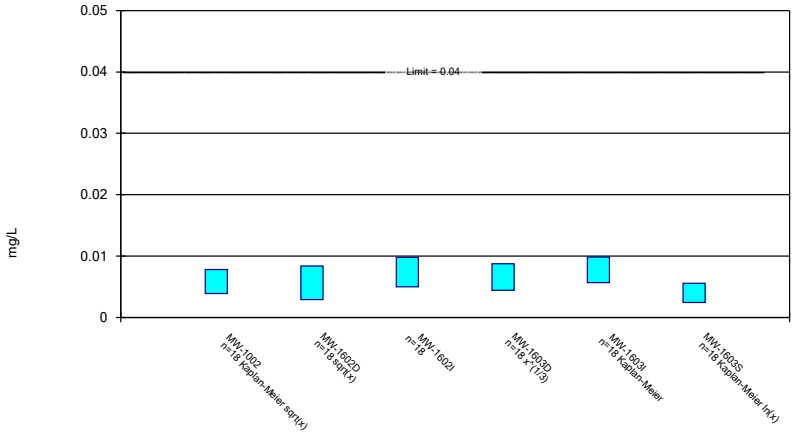


Constituent: Lead, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

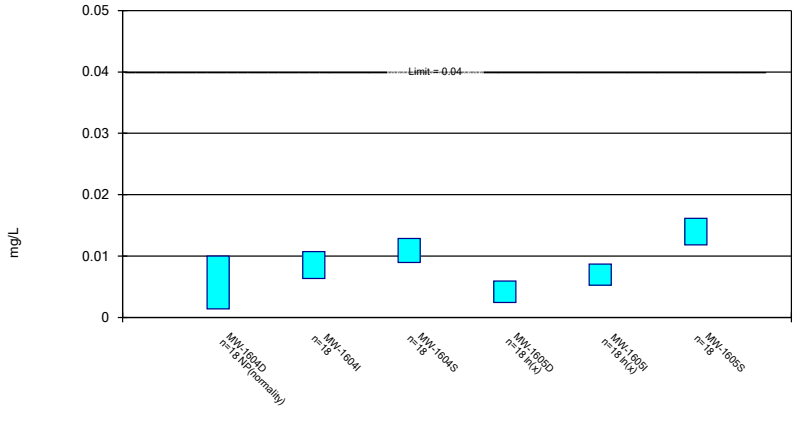


Constituent: Lithium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

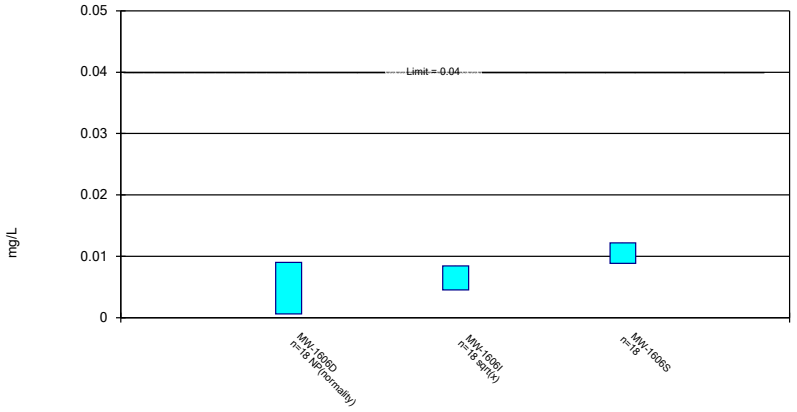
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

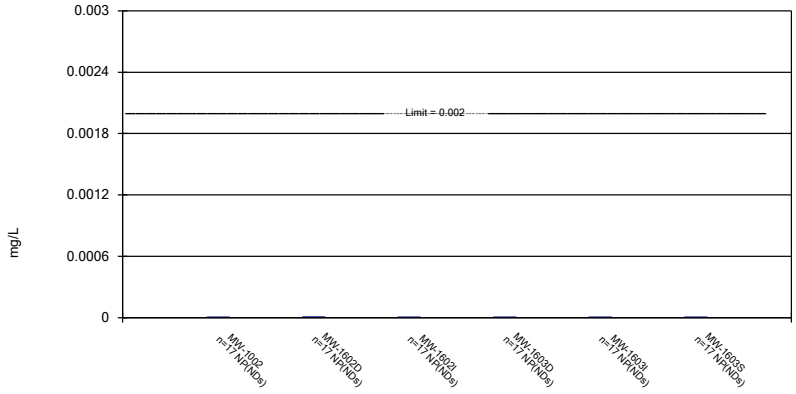
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

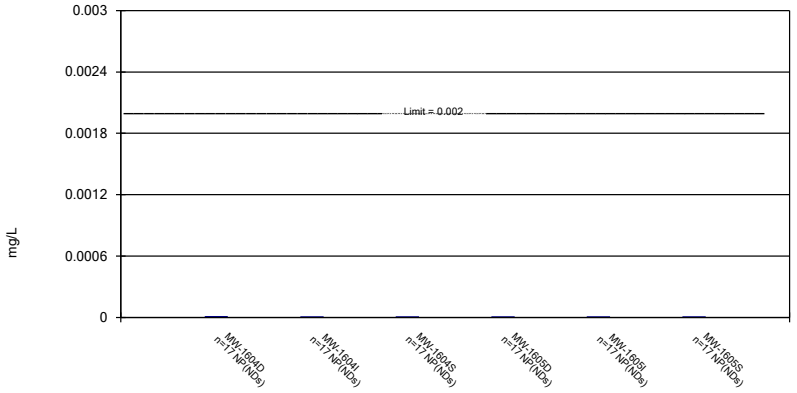
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

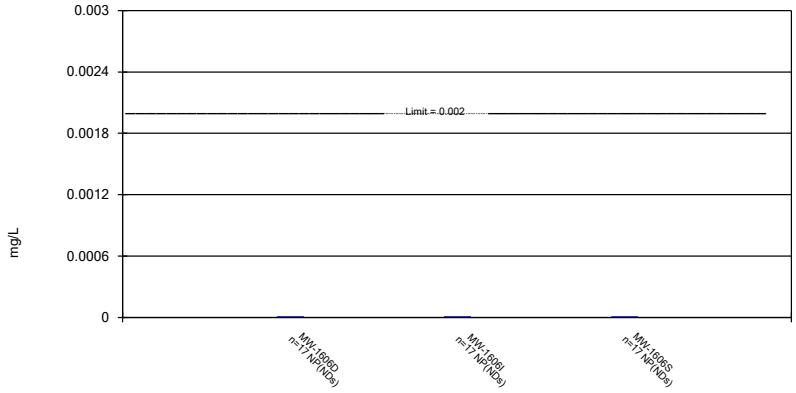
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

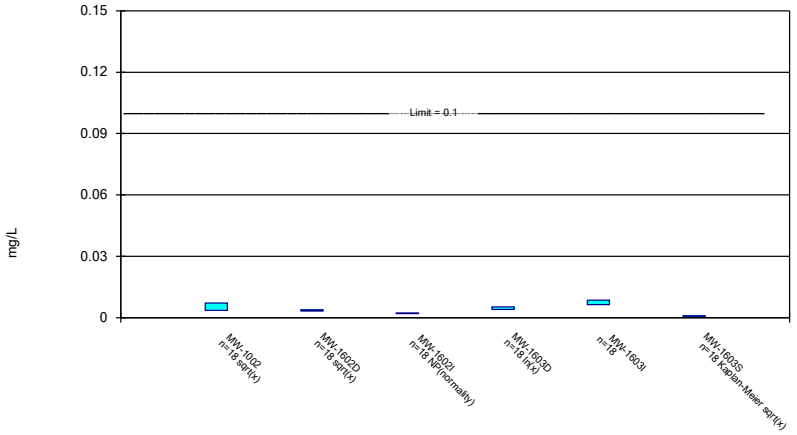
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

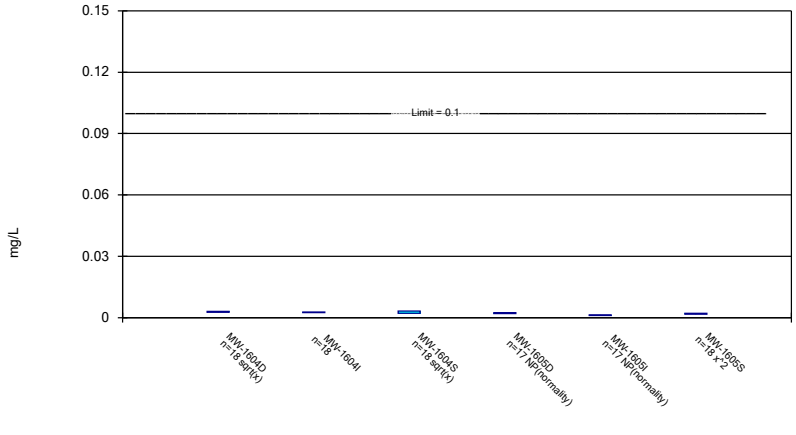


Constituent: Molybdenum, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

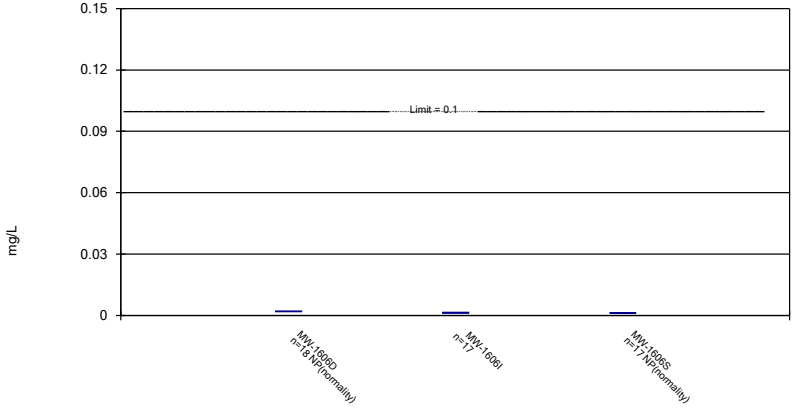


Constituent: Molybdenum, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

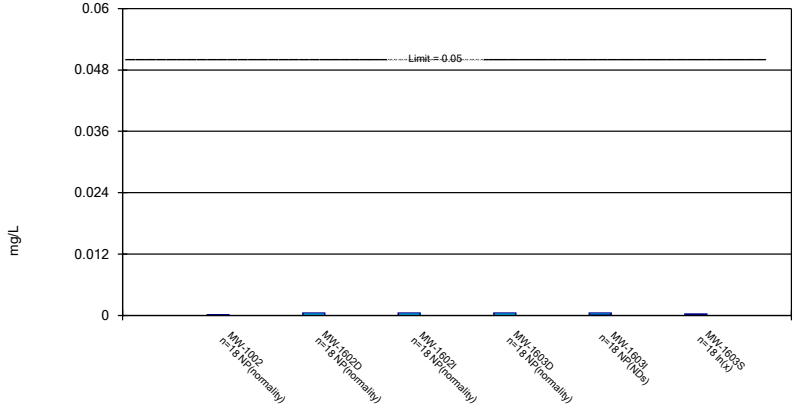


Constituent: Molybdenum, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

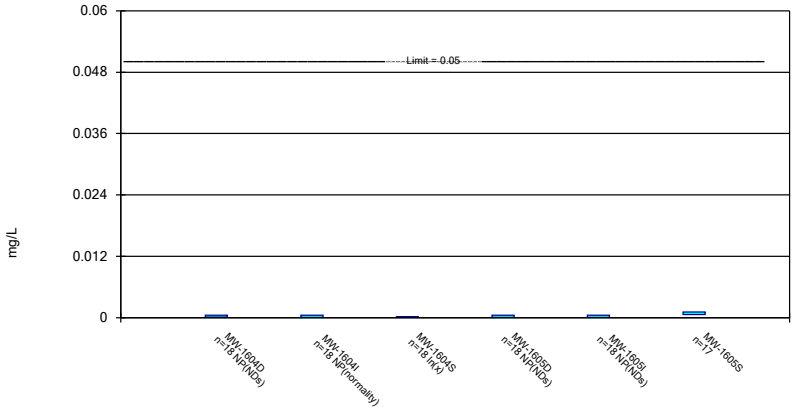
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Selenium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

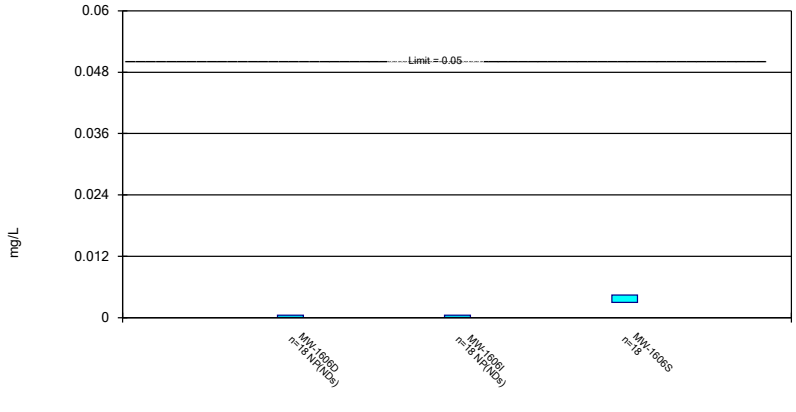


Constituent: Selenium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

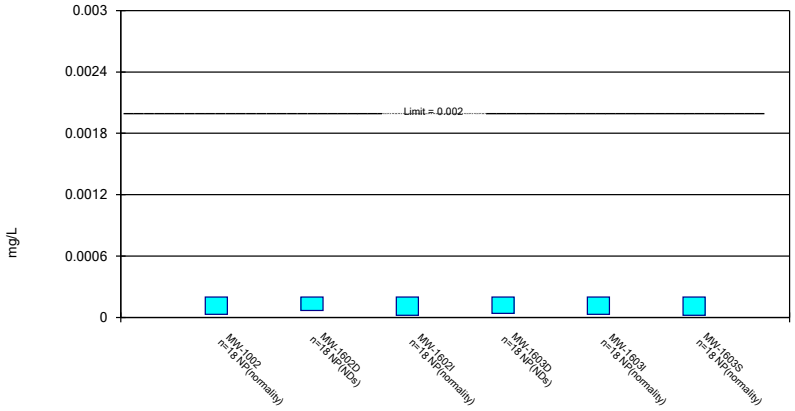


Constituent: Selenium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

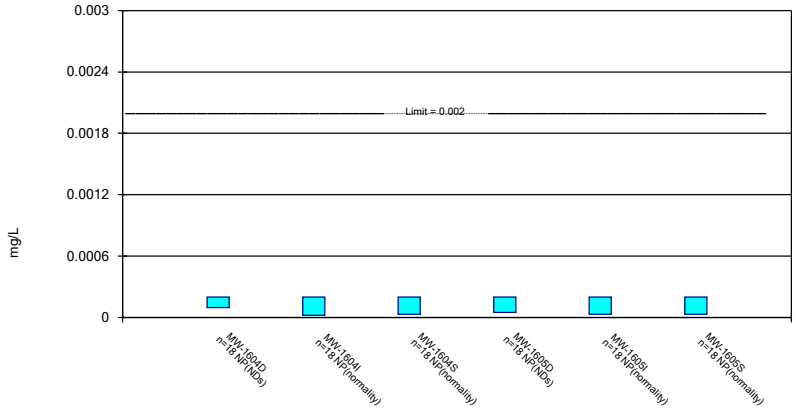


Constituent: Thallium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Sanitas™ v.9.6.30f Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

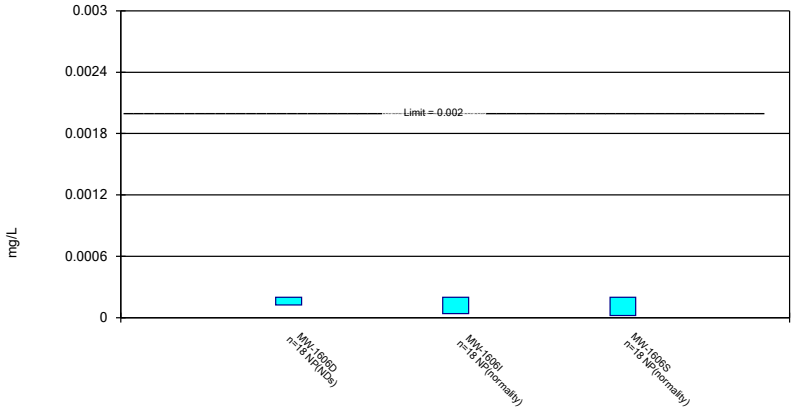
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Thallium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals
Rockport BAP Client: Geosyntec Data: Rockport_BAP

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Thallium, total Analysis Run 8/26/2021 3:22 PM View: Confidence Intervals

Rockport BAP Client: Geosyntec Data: Rockport_BAP

APPENDIX 3 – Alternate Source Demonstrations

No new alternate source demonstrations have been completed as of January 31, 2022.

APPENDIX 4 – Notices for Monitoring Program Transitions

The notification that an assessment monitoring program was initiated follows.

Rockport Plant Bottom Ash Pond

Notice of Assessment Monitoring Initiation

On January 15, 2018, it was determined that the Rockport Plant's Bottom Ash Pond Complex had statistically significant increases over background for the Appendix III parameters of boron, chloride, fluoride, pH, TDS, and sulfate. An alternative source demonstration was not successful within the 90 day period as allowed for in 257.94(e)(2). Therefore, an assessment monitoring program was established at Rockport's bottom ash pond complex on April 15, 2018 and this notice is being placed in Rockport's operating record in accordance with the requirement in 257.94 (e)(3).

APPENDIX 5 – Well Installation/Decommissioning Logs

There were no wells installed or decommissioned during the reporting period.