



JOHN A. OLSZEWSKI, JR.
County Executive

D'ANDREA L. WALKER, Director
Department of Public Works & Transportation

August 18, 2023

Mr. Andrew Grenzer, Chief
Solid Waste Operations Division
Land Management Administration
Maryland Department of the Environment (MDE)
1800 Washington Boulevard, Suite 605
Baltimore, Maryland 21230-1718

RE: Closed Parkton Sanitary Landfill (PSL), Baltimore County, MD
Semi-Annual Environmental Monitoring Report: January-June 2023

Dear Mr. Grenzer:

In accordance with the "Environmental Monitoring Plan for Parkton Sanitary Landfill," updated October 2022, the Baltimore County Bureau of Solid Waste Management is transmitting a copy of the "Semi-Annual Environmental Report: January – June 2023," for the Parkton Sanitary Landfill. This report was prepared by Maryland Environmental Service and Baltimore County Bureau of Solid Waste Management and includes the results for groundwater, surface water, and landfill gas monitoring.

Please contact Laura Russell at lrussell@baltimorecountymd.gov or 410-887-4560 should you have any questions.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "N. Rodricks", is written over a light blue horizontal line.

Nicholas Rodricks, MPH
Bureau Chief
Bureau of Solid Waste Management

LR

Enclosed: Parkton Sanitary Landfill Semi-Annual Environmental Report, Jan-June 2023

cc: Parkton Sanitary Landfill Semi-Annual Report File (e-file); Compliance Team (Balt Co, electronic copy); John Agnoli and Kelsey Pearce (MES, electronic copy); Christopher Manning (MDE, electronic copy)

**Baltimore County
Department of Public Works and Transportation
Bureau of Solid Waste Management**



**PARKTON SANITARY LANDFILL
SEMI-ANNUAL ENVIRONMENTAL REPORT**

January – June 2023

Prepared by:

Baltimore County Bureau of Solid Waste Management

and



**Maryland Environmental Service
259 Najoles Road
Millersville, MD 21108**

August 18, 2023

This Page Intentionally Left Blank

TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 PURPOSE.....	1
1.2 SITE BACKGROUND	1
1.3 POST-CLOSURE MONITORING.....	2
2.0 GROUNDWATER	2
2.1 GROUNDWATER SAMPLING	2
2.2 GROUNDWATER MONITORING PROGRAM.....	3
2.3 GROUNDWATER FIELD QUALITY ASSURANCE / QUALITY CONTROL SAMPLES.....	4
2.4 GROUNDWATER MONITORING RESULTS.....	6
2.4.1 <i>Groundwater Elevation Data</i>	6
2.4.2 <i>Groundwater Analytical Results</i>	6
3.0 SURFACE WATER	8
3.1 SURFACE WATER MONITORING PROGRAM.....	8
3.2 SURFACE WATER FIELD QUALITY ASSURANCE / QUALITY CONTROL SAMPLES...	9
3.3 SURFACE WATER ANALYTICAL RESULTS.....	10
4.0 LANDFILL GAS	10
4.1 LANDFILL GAS MONITORING PROGRAM.....	11
4.2 LFG SAMPLING PROCEDURES	12
4.3 LFG MONITORING RESULTS.....	12
5.0 BUS MAINTENANCE FACILITY / BSWM STORAGE BUILDING	15
6.0 SUMMARY	16
6.1 GROUNDWATER	16
6.2 SURFACE WATER.....	18
6.3 LANDFILL GAS.....	19

Tables

Table 2-1	Sampling Locations and Parameters
Table 2-2	Monitoring Parameters for Volatile Organic Compounds
Table 2-3	Monitoring Parameters for Water Quality Parameters and Metals
Table 2-4	Groundwater Monitoring Well Gauging Data
Table 2-4.1	Summary of VOCs Detected Above Their Compliance Limit in Groundwater
Table 2-4.2	Summary of Metals Detected Above Their Compliance Limit in Groundwater
Table 2-4.3	Summary of Water Quality Parameters Detected Above Their Compliance Limit in Groundwater
Table 2-5	Relative Percent Difference (RPD) for Blind Duplicate Sample Analysis
Table 2-6	Groundwater Elevation (May 2023)
Table 3-1	Summary of Inorganic Exceedances in Surface Water
Table 4-1	Landfill Gas Monitoring Data Summary
Table 5-1	Combustible Gas Detector Monitoring Summary

Figures

Figure 1-1	Location Map
Figure 1-2	Site Plan
Figure 2-1	Groundwater and Surface Water Monitoring Locations
Figure 2-4	Groundwater Contour Map, May 2023
Figure 4-1	Landfill Gas Probe and Vent Location Map
Figure 5-1	Combustible Gas Detector Locations

Appendices

Appendix A:	Post-Closure Monitoring Reports
Appendix B:	Field Logs for Groundwater and Surface Water Monitoring & Field Instrument Calibration Logs
Appendix C:	Field Logs for Landfill Gas Monitoring
Appendix D:	Analytical Laboratory Reports and Sample Chain of Custody Records
Appendix E:	Event Summary Tables for Groundwater and Surface water
Appendix F:	Historical Groundwater and Surface Water Data

1.0 INTRODUCTION

1.1 Purpose

Baltimore County Bureau of Solid Waste Management (BSWM) and Maryland Environmental Service (MES) have prepared this Environmental Monitoring Report (EMR) for the Parkton Sanitary Landfill (PSL). The purpose of this report is to present a comprehensive summary of the results for groundwater, surface water, and landfill gas (LFG) monitoring performed at the PSL during the period of January through June of 2023.

1.2 Site Background

The PSL is a closed sanitary landfill located at 800 Stablers Church Road in Parkton, Maryland that is owned by Baltimore County and was operated by the Bureau of Solid Waste Management (BSWM). The landfill accepted only shredded refuse from the Central Acceptance Facility (CAF); no hazardous waste was permitted. The landfill was in active use between 1976 and 1983. Following the completion of landfilling activities in 1983, the facility was closed. Refer to Figure 1-1 for a location map of the facility.

The PSL is situated on an approximately 213-acre parcel of land, of which 56.4 acres are landfilled. The facility includes five (5) landfill cells, identified as Cells 1, 2, 3, 4, and 7; Cells 5 and 6 were never constructed. Each cell was lined with a compacted soil liner prior to waste placement. The floor of each cell was constructed with a leachate collection system consisting of an aggregate drainage layer with a PVC lined collection trench that drains to a pipe at the downgradient end of the cell. Collected leachate drains by gravity from the cell sump to a leachate pumping station. Each cell has a dedicated leachate pumping station. Leachate from each cell is pumped to an open air leachate collection lagoon for short term storage and eventually hauled off-site for disposal. Each landfill cell top is capped with a geomembrane, overlain with 2 feet of earthen cover. The facility was capped in 1993.

In addition, the property consists of a school bus maintenance facility with fueling station operated by the Baltimore County Public School System; a storage building for the BSWM; a model

airplane airfield area and buildings; an electrical control building; and a stormwater management facility serving the school bus maintenance facility.

On June 13, 2013, Baltimore County acquired a parcel of land approximately 9.3 acres in size, adjacent to the southern property boundary of the PSL, from Hunter's Moon, LLC. This property acquisition established compliance in respect to landfill gas (LFG) at the property boundary and facilitated further investigation into groundwater contamination in this area. See Section 2.4 for more information concerning groundwater contamination.

A site plan showing the existing property line and general arrangement of the facilities on the property is provided as Figure 1-2.

1.3 Post-Closure Monitoring

In accordance with COMAR 26.04.07.22, the PSL is inspected on a quarterly occurrence and inspection reports for the January – June 2023 monitoring period are included in Appendix A. Baltimore County personnel performed PSL inspections on February 7, 2023, and April 25, 2023. All irregularities or problems noted on the inspection reports are being monitored and shall be reevaluated during subsequent inspections, are currently being addressed, or have been resolved.

2.0 GROUNDWATER

2.1 Groundwater Sampling

Groundwater sampling is performed twice a year by qualified groundwater scientists or environmental technicians. The Spring 2023 sampling event was performed by Baltimore County BSWM Pollution Control Analysts from April 17, 2023 through April 24, 2023.

The sampling locations and parameters for the Spring 2023 sampling event are presented in Table 2-1. The methods used to analyze groundwater samples included the U.S. Environmental Protection Agency (EPA) Methods and Standard Methods for Water and Wastewater VOCs, total

metals, and water quality parameters. The specific method names are presented in Tables 2-2 and 2-3.

Dedicated low flow sampling pumps were installed prior to the Spring 2016 sampling event in all groundwater monitoring wells sampled semi-annually at PSL. PSL groundwater monitoring well construction logs were reviewed prior to the installation of sampling pumps. Pumps were positioned in the middle of the screened interval; for open borehole wells, the pump was placed in the center of the water column or the water bearing zone. During the Spring 2023 sampling event, low flow methods were used to purge and sample all monitoring wells at PSL.

2.2 Groundwater Monitoring Program

The current Environmental Monitoring Plan (EMP) for PSL was submitted to MDE in October 2022 but has not yet been formally accepted by Maryland Department of Environment (MDE). The previous version of the plan was approved by MDE on September 19, 2016.

The PSL groundwater monitoring system includes twenty-three (23) groundwater monitoring wells; twenty-one (21) of which are sampled semi-annually. Two (2) groundwater monitoring wells, MW-1A and MW-14, are gauged only and not sampled as part of the EMP. Each monitoring location is analyzed for the analytical parameters shown in Tables 2-2 and 2-3 with the referenced practical quantitation limits (PQLs) established by MDE.

During the Spring 2023 sampling event, ALS Environmental Laboratory (ALS) performed the sample analysis, and some parameters were analyzed utilizing elevated PQLs. Those parameters are identified on Tables 2-2 and 2-3; which reference MDE approved PQLs and the actual PQLs used for sample analysis. It should be noted that the lab reports results with a parameter's Method Detection Limit (MDL) that is well under the reporting limit and is noted with a J qualifier. A parameter's reporting limit and MDL are influenced by a multitude of factors including: the method, instrument, technician, etc. BSWM and MES have been in communications with ALS concerning the elevated PQLs for the aforementioned parameters; and also, in discussions with MDE for guidance concerning this issue. ALS Middletown, Pennsylvania is an accredited lab and approved by MDE to analyze drinking water samples using EPA-approved methodology.

Table 2-4 identifies all groundwater monitoring wells sampled during the Spring 2023 sampling event; providing construction information and well gauging data for each well. Groundwater monitoring well locations are shown in Figure 2-1. Field logs detailing low flow sampling for each well are included in Appendix B. Field instrument calibration log sheets for the Spring 2023 sampling event are also included at the end of Appendix B.

2.3 Groundwater Field Quality Assurance / Quality Control Samples

Field and laboratory quality assurance / quality control (QA/QC) was performed during the monitoring event to examine the uniformity of the data and to ensure field QC and laboratory QA criteria.

Trip blanks are prepared by ALS prior to each sampling event and delivered with sampling containers to be used for the event approximately one (1) week before the scheduled event. Trip blanks are sealed, labeled, and never opened during sampling activities. Each sampling day, trip blanks remain in the sampling cooler and accompany samples collected during the day, which then travel to ALS for VOC analysis.

Field blanks are used to assess any potential contamination contributed from sampling location conditions and the handling, transport and storage of the samples. Field blanks are collected at a rate of one per sampling day. ALS provides deionized water and empty sampling containers to BSWM in advance to be used to randomly collect field blanks during each day of sampling.

During the Spring 2023 sampling event, the following parameters were detected at or above their PQL in the trip and field blanks for the dates specified on the following page:

Date	Trip Blank	Field Blank
April 17, 2023	N/A	Chemical oxygen demand, and sodium
April 18, 2023	N/A	Calcium, magnesium, sodium, hardness, and total dissolved solids

Date	Trip Blank	Field Blank
April 19, 2023	N/A	Iron, magnesium, sodium, and chemical oxygen demand,
April 20, 2023	N/A	Calcium, magnesium, sodium, chemical oxygen demand, and hardness
April 21, 2023	N/A	Calcium, sodium, chemical oxygen demand, and hardness

Any groundwater sample collected during the Spring 2023 sampling event that contained the same VOC constituent at a similar magnitude to the concentration detected in the associated daily trip blank or field blank, is reported with a “B” qualifier.

Duplicate samples are collected to help assess variance of the total method including sampling and analysis. These samples are collected at the rate of one per sampling event. For the Spring 2023 sampling event, a duplicate sample for MW-2 was collected and labeled as MW-29. Duplicate sample MW-29 was analyzed for the same parameters as the original sample MW-2; collected simultaneously for proper QA/QC. The relative percent difference (RPD) was calculated when an analyte was detected in both the sample and duplicate. Table 2-5 summarizes the RPD of the detected constituents. The duplicate sample analysis agreed with the corresponding sample analysis in all detected parameters that were above the PQL with the exception of Ammonia-N, and Chemical oxygen demand. Ammonia-N was detected at a higher concentration in the duplicate (0.247 mg/L) than the original (0.129 mg/L). Chemical oxygen demand was detected at a higher concentration in the duplicate (15 mg/L) than the original (10 mg/L).

Sample comments regarding laboratory analyses are included in the laboratory reports presented in Appendix D.

2.4 Groundwater Monitoring Results

2.4.1 Groundwater Elevation Data

Groundwater elevations from the Spring 2023 sampling event for each monitoring well are summarized in Table 2-6. Groundwater contours were generated from May 2023 monitoring well gauging data, and groundwater elevations are illustrated on Figure 2-4.

As indicated on the Groundwater Contour Map, May 2023 (Figure 2-4), the overall data for groundwater flow suggests an inferred southeasterly direction for the majority of the site and a westerly direction along the western property boundary.

2.4.2 Groundwater Analytical Results

Groundwater analytical results are summarized in Event Summary Tables located in Appendix E. Laboratory data reports and sample chain of custody records for the Spring 2023 sampling event are presented in Appendix D. A historical time series of data collected beginning 2001 through Spring 2023 for each well is presented in Appendix F.

The following evaluation includes references to public water supply maximum contaminant level (MCL) and secondary maximum contaminant level (SMCL) values. MCL values are the maximum permissible level of a contaminant in water that is delivered to any user of a public water system. SMCL values are non-enforceable levels of certain parameters that may cause cosmetic or aesthetic effects in drinking water. SMCLs have been added to the EMR beginning in Fall 2022, per request from MDE in an electronic correspondence dated August 16, 2022.

Volatile Organic Compounds

During the Spring 2023 monitoring event, there was one (1) volatile organic compound (VOC) observed above its MCL during the Spring 2023 sampling event, as outlined in Table 2-4.1 on the following page.

Table 2-4.1: Summary of VOCs Detected Above Their Compliance Limit in Groundwater

Parameter	MDE PQL	Compliance Limit	MW-17
Benzene	1	5	5.2

(1) All concentrations reported in mg/L

(2) "Compliance Limit" indicates an MCL or Secondary MCL

Total Metals

Metal concentrations above the PQL were observed in all twenty-one (21) monitoring wells sampled during the Spring 2023 sampling event. There were two (2) metals observed above their SMCL, but no metals observed above their MCL during the Spring 2023 sampling event, as outlined in Table 2-4.2 below.

Table 2-4.2: Summary of Metals Detected Above Their Compliance Limit in Groundwater

Parameter	MDE PQL	Compliance Limit	MW-2	MW-3	MW-9	MW-10	MW-15	MW-16
Iron, total	0.005	0.3	--	--	8.4	36.7	36.4	36.4
Manganese, total	0.01	0.05	0.12	0.11	1.9	0.39	0.67	8.6

Parameter	MDE PQL	Compliance Limit	MW-17	MW-19	MW-22	MW-23	MW-25D	MW-25S
Iron, total	0.005	0.3	21.5	0.79	--	65.3	13.7	--
Manganese, total	0.01	0.05	4.8	8.2	0.055	1.2	0.42	0.23

Parameter	MDE PQL	Compliance Limit	MW-27D	MW-28D
Iron, total	0.005	0.3	0.92	143
Manganese, total	0.01	0.05	--	1.3

(1) All concentrations reported in mg/L

(2) "Compliance Limit" indicates an MCL or Secondary MCL

Water Quality Parameters

Water quality parameters are physical, chemical, and/or other parameters whose presence at a level outside of specified limits may reflect a problem in the integrity of the water distribution system. During the Spring 2023 sampling event, there were two (2) water quality parameters with MCL exceedances and three (3) water quality parameters with SMCL exceedances, as outlined in Table 2-4.2 on the following page:

Table 2-4.3: Summary of Water Quality Parameters Detected Above Their Compliance Limit in Groundwater

Parameter	MDE PQL	Compliance Limit	MW-10	MW-16	MW-21D	MW-22	MW-23	MW-25S	MW-26S	MW-27D
Chloride	0.39	250	--	480	985	300	675	1480	734	--
Nitrate	0.06	10	--	--	--	--	--	--	--	10.1
Total Dissolved Solids	10	500	598	1530	2740	848	1670	3190	1440	--
Turbidity (NTU)	1	5	--	--	31.33	--	91.22	6.58	--	--
pH (SU)	0.11	6.5-8.5	See text below							

(1) All concentrations reported in mg/L

(2) "Compliance Limit" indicates an MCL or Secondary MCL

(3) Shading indicates MCL exceedance

pH was also detected outside the secondary MCL range (6.5-8.5) for groundwater monitoring wells MW-2 (5.18), MW-3 (5.57), MW-7 (5.76), MW-15 (6.08), MW-16 (5.67), MW-17 (5.63), MW-19 (5.97), MW-21D (5.78), MW24-D (5.41), MW-24S (6.11), MW-25S (5.18), MW-26S (6.02), MW-27D (6.43), MW-27S (6.49), and MW-28S (5.24).

3.0 SURFACE WATER

Semi-annual surface water sampling was performed in conjunction with the semi-annual groundwater sampling events by the BSWM. Chemical analysis for the samples collected was performed by ALS. The sampling locations and parameters for the Spring 2023 sampling event are presented in Table 2-1. The methods used to analyze surface water samples included U.S. Environmental Protection Agency (EPA) Methods and Standard Methods for Water and Wastewater for VOCs, dissolved metals, and water quality parameters. The specific method names are presented in Tables 2-2 and 2-3.

3.1 Surface Water Monitoring Program

Six (6) surface water samples (SW-1, SW-2, SW-3, T-1, T-2, and T-3) were collected from the Fourth Mine Branch and its tributary channels on April 24, 2023. Three (3) surface water samples were collected directly from Fourth Mine Branch: one (1) as it entered the landfill property (SW-1), one (1) mid-stream (SW-2), and one (1) as it left the property (SW-3). Three (3) surface water samples were collected from tributaries of Fourth Mine Branch, either prior to entry into Fourth Mine Branch (T-1 and T-2) or prior to exiting the property (T-3). Samples for analysis were

collected by Baltimore County BSWM personnel. Surface water sampling locations are shown on Figure 2-1 (Groundwater and Surface Water Monitoring Locations Map).

Each monitoring location is analyzed for the analytical parameters shown in Tables 2-2 and 2-3 with the referenced PQLs. Notably, dissolved metals were analyzed during this monitoring event and will be analyzed during subsequent monitoring events, per the request of MDE. All parameters were compared to their Code of Maryland Regulations (COMAR) 26.08.02.03-2 Drinking Water and Organisms specifies Numerical Criteria for Toxic Substances (NCTS).

3.2 Surface Water Field Quality Assurance / Quality Control Samples

During the Spring 2023 sampling event, field equipment was calibrated daily and measurements for pH, specific conductance and turbidity were obtained. Standard laboratory quality assurance and quality control (QA/QC) procedures were followed, including the preparation of daily trip and field blanks. Trip blanks (for VOC analysis) were prepared by ALS and shipped with empty sampling containers to BSWM prior to the beginning of the sampling event. Each trip blank was also sealed and labeled, and never opened during any sampling activities. Field blanks were added to the groundwater monitoring program during the Spring 2022 sampling event. ALS provided deionized water and empty sampling containers to BSWM used for the collection of field blank samples approximately one (1) week before the sampling event.

During the Spring 2023 sampling event, there were no parameters detected at or above their PQL in the field blank associated with surface water sampling event on April 24, 2023. It should be noted that all metals in the field blank were analyzed with total metals. A “B” qualifier is given to any detected VOC parameter concentration for a sampling location that had a comparable concentration to that of the field blank from the associated sampling day. All VOC parameters were non-detect in the trip blank associated with surface water sampling event.

Field logs for surface water monitoring are included in Appendix B. Field instrument calibration log sheets for the Spring 2023 sampling event are also included in Appendix B. Sample comments regarding laboratory analyses are included in the laboratory reports presented in Appendix D.

3.3 Surface Water Analytical Results

Surface Water analytical results were compared to their Code of Maryland Regulations (COMAR) 26.08.02.03-2 Drinking Water and Organisms specifies Numerical Criteria for Toxic Substances (NCTS) in MDE's Table I and Table II Monitoring Parameters, per request of MDE. The Spring 2023 surface water analytical results are summarized in the Event Summary Tables located in Appendix E. A time series of historical data collected for each surface water location is presented in Appendix F. Laboratory reports for the Spring 2023 surface water sampling event are included in Appendix D.

Volatile Organic Compounds

During the Spring 2023 surface water sampling event, there were no VOCs detected above the practical quantitation limit (PQL).

Dissolved Metals

Metal concentrations above the PQL were observed in all six (6) surface water samples during the Spring 2023 sampling event. There were no NCTS exceedances for metal concentrations reported during the Spring 2023 surface water sampling event.

Water Quality Parameters

Water quality parameters are physical, chemical, and/or other parameters whose presence at a level outside of specified limits may reflect a problem in the integrity of the water supply. There are no NCTS for water quality parameters in surface water.

4.0 LANDFILL GAS

According to the Code of Maryland Regulations (COMAR) 26.04.07.21 (E) (5), promulgated after the cessation of municipal solid waste acceptance in 1983; in 1988 to promote health and safety,

the closure cap on municipal landfills shall include provisions for venting of any gases which may form during the landfill stabilization process. Gas shall be vented to the atmosphere or collected for flaring or reuse. The concentration of methane (CH₄) may not exceed:

- a) Twenty-five percent (25%) of the lower explosive limit (LEL) for the gases in facility structures, excluding gas control or recovery system components; and
- b) The LEL for the gases at the property boundary. The LEL is five percent methane in air (by volume).

Landfill gas (LFG) monitoring was performed during February 21 and 23, 2023 and May 26 and June 1, 2023. The historical and current monitoring data are shown in Table 4-1 (Landfill Gas Monitoring Data Summary). Landfill gas concentrations exceeding the regulatory threshold limit of the LEL (5% methane) are highlighted on the spreadsheet. Field logs for LFG monitoring events are included in Appendix C.

4.1 Landfill Gas Monitoring Program

BSWM currently monitors LFG on a quarterly occurrence at PSL using a comprehensive landfill gas monitoring network. The network consists of seventy-eight (78) landfill gas monitoring probes and cluster probes located on-site and/or off-site around the landfill. Thirty-six (36) of the 78 probes are included in the environmental monitoring plan and are designated as the compliance monitoring probes to ensure compliance with the LEL requirements for methane at the facility property boundary. Compliance probes are monitored on a quarterly basis; however, sometimes data cannot be reported for certain probes due to unforeseen circumstances (i.e. probes are inaccessible, can't be located, clogged, or waterlogged).

In a letter dated March 17, 2015, MDE approved a proposal to install active LFG vents at PSL to control migrating landfill gas. Twelve (12) solar-powered active landfill gas vents were installed in February 2016 to control migrating LFG along Cells 2 and 3. Two (2) active vents, also with blowers powered by solar energy, were installed in the vicinity of the school bus parking area to mitigate landfill gas in this area. See Figure 4-1 for active landfill gas vent locations.

4.2 LFG Sampling Procedures

LFG sampling was accomplished with a landfill gas-monitoring instrument (GEM5000 or GA5000). During each quarterly monitoring event, the instruments were calibrated per the manufacturer's recommendations prior to sampling, typically at a minimum of once each day of use. When sampling, the instrument was first turned on and then connected to the probe by attaching one end of the tygon tubing to the instrument and the other end to the appropriate probe fitting. The relative pressure was allowed to stabilize. The instrument's sampling pump was started, and the probe was purged for 30 seconds. This gave the concentrations of gas enough time to stabilize, after which they were saved in the instrument for later retrieval. The measurements that were recorded at each sampling location included methane, oxygen, carbon dioxide, and balance gas concentrations, and relative and barometric pressures.

4.3 LFG Monitoring Results

Table 4-1 presents methane concentrations for all landfill gas monitoring probes and active LFG vents.

Cell 1 Area

Subsurface methane gas concentrations are historically high in the vicinity of the Bus Maintenance Facility parking lot, located at the southwest corner of the site. In order to abate the high levels of landfill gas, two (2) active LFG vents (PKTNA101 and PKTNA102) were installed in February 2016 along the fence line between the site access road and the bus lot. Since the 2016 active LFG vent installation, the concentration and amount of subsurface methane detections have declined in compliance probes near the Bus Maintenance Facility parking lot.

Compliance: All of the LFG compliance probes in the Cell 1 area did not contain methane gas at or above the LEL during the 1st and 2nd quarter 2023 monitoring events with the exception of PKTN0026. During the 1st quarter 2023 monitoring event, methane in PKTN0026 was above the LEL (8.1%), although during the 2nd quarter 2023 monitoring event methane detected was below the LEL (4.2%).

Detections in vents: Active LFG vent PKTNA102 exceeded the LEL during the 1st and 2nd quarter 2023 monitoring events (20.9% and 7.8%, respectively).

Cell 2 Area

Subsurface methane gas concentrations in compliance probe PKTN2C2 were historically greater than the LEL but have not been detected since June 2016. Three (3) active LFG vents (PKTNA201, PKTNA202, PKTNA203) were installed adjacent to Cell 2 as part of the LFG active vent installation in February 2016.

Compliance: All of the LFG compliance probes in the Cell 2 area, including PKTN2C2, did not contain methane gas during the 1st and 2nd quarter 2023 monitoring events.

Detections in vents: Active vents PKTNA201, PKTNA202, and PKTNA203 contained methane exceeding the LEL during the 1st quarter 2023 monitoring event. (5.8%, 28.6%, and 27.5%, respectively). Active LFG vent PKTNA202 contained methane that exceeded the LEL during the 2nd quarter 2023 monitoring event (18.9%).

Cell 3 Area

Subsurface methane gas concentrations were above the LEL in compliance probes located in the vicinity of Cell 3 prior to the installation of nine (9) active LFG vents (PKTNA301 through PKTNA309) in February 2016.

Compliance: LFG compliance probes located in the Cell 3 area did not contain methane during the 1st and 2nd quarter 2023 monitoring events with the exception of PKTN3D-2. Monitoring probe PKTN3D-2 contained methane above the LEL during the 1st quarter 2023 monitoring event and below the LEL during the 2nd quarter 2023 monitoring event (25.2% and 1.4%, respectively).

Detections in vents: Active LFG vents PKTNA301, PKTNA302, PKTNA303, PKTNA304, PKTNA305, PKTNA307, PKTNA308, and PKTNA309 contained methane that exceeded the LEL

during the 1st quarter 2023 monitoring event (between 21.6% and 52.6%). Active LFG vents PKTNA302, PKTNA305, PKTNA307, and PKTNA309 contained methane that exceeded the LEL during the 2nd quarter 2023 monitoring event (between 6.4% and 25.5%).

Cell 4 Area

Subsurface LFG concentrations have historically been below the LEL in the two (2) compliance probes located in this area.

Compliance: All of the LFG compliance probes in the Cell 4 area did not contain methane gas during the 1st and 2nd quarter 2023 monitoring events.

Detections in vents: No active LFG vents are located in this area.

Cell 7 Area

Subsurface LFG concentrations remain high adjacent to Cell 7. The purchase of approximately 9.2 acres south of Cell 7 demonstrates compliance with LFG not migrating beyond the property boundary.

Compliance: LFG compliance probes PKTN7B-1B and PKTN7E-1B adjacent to Cell 7 and located close to the waste mass, contained methane gas greater than the LEL during the 1st quarter 2023 monitoring event (60.9% and 31.1%, respectively) and again during the 2nd quarter 2023 monitoring event (52.5% and 44.7%, respectively). Since March 2011, methane has been greater than the LEL in compliance probes PKTN7B-1B and PKTN7E-1B, with respective high methane concentrations of 64.7% in June 2011 and 68.8% in December 2018. Compliance probe PKTN7E-1A contained methane greater than the LEL during the 1st quarter 2023 monitoring event (6.0%) and less than the LEL during the 2nd quarter 2023 monitoring event (2.9%). Methane has historically fluctuated above and below the LEL in PKTN7E-1A, with no methane detected during some events and a high methane concentration of 16.7% during the Spring 2022 monitoring event. The eight (8) remaining compliance probes in this area did not contain methane gas greater than the LEL during both quarterly events.

Detections in vents: No active LFG vents are located in this area.

West of I-83

LFG gas concentrations have historically been below the LEL in the four (4) compliance probes in this area.

Compliance: LFG compliance probes located west of I-83 did not contain methane during the first and second quarter 2023 monitoring events.

Detections in vents: No active LFG vents are located in this area.

5.0 BUS MAINTENANCE FACILITY / BSWM STORAGE BUILDING

The Bus Maintenance Facility and BSWM Storage Building is located at the southwest corner of the site as shown on Figure 1-2 (Site Plan). The regulatory requirement for building interior monitoring is that the methane (CH₄) gas concentration shall not exceed twenty five percent (25%) of the LEL (5% methane of five percent (5%). This is equivalent to a methane (CH₄) concentration of one and a quarter percent (1.25%). Building interior air quality is monitored continuously by a system of ten (10) fixed combustible gas detectors. The location of detectors is shown on Figure 5-1 (Combustible Gas Detector Locations). The detectors are inspected and tested on a monthly basis to ensure they are functioning correctly.

Results of the monthly detector monitoring are shown in Table 5-1 (Combustible Gas Detector Monitoring Summary). Since installation in 2009, the detectors have never shown signs of combustible gas in the buildings. There are no other concerns to note regarding the methane gas detectors.

Three (3) sheds located on the model airplane airfield were scanned by BSWM personnel with a combustible gas leak detector during each monthly methane monitoring event. Methane was not detected during the monthly scans during January through June 2023.

6.0 SUMMARY

Baltimore County Bureau of Solid Waste Management will continue to monitor the PSL in accordance with the Parkton Environmental Monitoring Plan, a revision was submitted to MDE during October 2022 and the County is awaiting approval. Monitoring results were reviewed for compliance with the regulatory benchmarks established by MDE. The results from this monitoring period do not suggest any further degradation of the environment during the reported timeframe.

6.1 Groundwater

Low-flow sampling methodology was used to purge and sample groundwater monitoring wells at the PSL during the Spring 2023 sampling event. All parameters in groundwater samples were compared to their MCL or SMCL during this monitoring event.

During the Spring 2023 sampling event, there was one (1) VOC exceedance above its MCL:

- Benzene exceeded the MCL (5 µg/L) in monitoring well MW-17 (5.2 µg/L).

Benzene has previously exceeded its MCL at comparative concentrations in MW -17. MW-10 is located near the southern property boundary, to the east of Cell 7 and down gradient from MW-17. Additionally, two (2) groundwater monitoring well pairs (MW-27S/D and MW-28S/D) located along the southern property boundary were installed in this area in August 2015 to further investigate concentrations of benzene and vinyl chloride (VC) detected in samples collected from MW-16 and MW-17. During the Spring 2023 sampling event, there were no VOC MCL exceedances reported in samples collected from monitoring wells MW-10, MW-27S/D, MW-28S/D. The data from the monitoring event supports that Benzene has not traveled beyond the Relative Point of Compliance (RPOC) during this monitoring event. This parameter will continue to be monitored during subsequent sampling events.

During the Spring 2023 sampling event, there were no metals that exceeded their MCL, but two (2) metals that were detected above their SMCL.

- Iron was detected above its SMCL (0.3 mg/L) in wells MW-9 (8.4 mg/L), MW-10 (36.7 mg/L), MW-15 (36.4 mg/L), MW-16 (36.4 mg/L), MW-17 (21.5 mg/L), MW-19 (0.79 mg/L), MW-23 (65.3 mg/L), MW-25D (13.7 mg/L), MW-27D (0.92 mg/L), and MW-28D (143 mg/L).
- Manganese was detected above its SMCL (0.05 mg/L) in wells MW-2 (0.12 mg/L), MW-3 (0.11 mg/L), MW-9 (1.9 mg/L), MW-10 (0.39 mg/L), MW-15 (0.67 mg/L), MW-16 (8.6 mg/L), MW-17 (21.5 mg/L), MW-19 (0.79 mg/L), background well MW-22 (0.055 mg/L), wells MW-23 (1.2 mg/L), MW-25D (0.42 mg/L), MW-25S (0.23 mg/L), and MW-28D (1.3 mg/L).

Iron and manganese detections above their SMCL in groundwater wells may not necessarily indicate an issue with the landfill. Iron is naturally occurring in the geological area and is generally tied to Manganese. Both of these metals do not have an established MCL. Iron and manganese shall continue to be monitored during subsequent sampling events.

During the Spring 2023 sampling event, there were two (2) water quality parameters detected above their MCL and three (3) water quality parameters detected above their SMCL.

- Chloride was detected above its SMCL (250 mg/L) in wells MW-16 (480 mg/L), MW-21D (985 mg/L), MW-22 (300 mg/L), MW-23 (675 mg/L), MW-25S (1480 mg/L), and MW-26S (734 mg/L).
- Nitrate was detected above its MCL (10 mg/L) in well MW-27D (10.1 mg/L).
- Total Dissolved Solids were detected above its SMCL (500 mg/L) in wells MW-10 (598 mg/L), MW-16 (1530 mg/L), MW-21D (2740 mg/L), background well MW-22 (848 mg/L), wells MW-23 (1670 mg/L), MW-25S (3190 mg/L), MW-25S (2950 mg/L), and MW-26S (1440 mg/L).
- Turbidity was detected above its MCL (5 NTU) in wells MW-21D (31.33 NTU), MW-23 (91.22 NTU), and MW-25S (6.58 NTU).
- pH was detected outside the SMCL range (6.5-8.5) in wells MW-2 (5.18), MW-3 (5.57), MW-7 (5.76), MW-15 (6.08), MW-16 (5.67), MW-17 (5.63), MW-19 (5.97), MW-21D

(5.78), MW24-D (5.41), MW-24S (6.11), MW-25S (5.18), MW-26S (6.02), MW-27D (6.43), MW-27S (6.49), MW-28S (5.24).

Monitoring well MW-27D is located inside a field that was previously used for farming and is now adjacent to a farming field where corn and soybean are planted, during alternating years. Wells MW-27D and MW-27S have, historically, measured the highest in nitrate concentrations than any other monitoring well sampled at the PSL. Nitrate concentrations in MW-27S have been less than the MCL (10 mg/L) during the previous 5 years of sampling, measuring between 4.5 mg/L and 8.01 mg/L. Nitrate concentrations in MW-27D have been sporadically below or above MCL (10 mg/L) measuring between 3.54 mg/L and 12.2 mg/L. It is likely that Nitrate may be emanating from fertilizer use from past and current farming practices, rather than the landfill cells. Trends in Nitrate will continue to be monitored during subsequent sampling events.

All other water quality parameter exceedances will continue to be monitored during subsequent sampling events.

6.2 Surface Water

VOC, dissolved metals, and water quality parameters were analyzed in each surface water sample and compared to their NCTS during this monitoring event. Water quality parameters do not have documented NCTS.

Results from the Spring 2023 surface water sampling events indicate the absence of VOCs above their PQLs.

Results from the Spring 2023 surface water sampling events indicate the absence of metals above their NCTS.

Results from the Spring 2023 surface water sampling events indicate the absence of water quality parameters above their NCTS.

6.3 Landfill Gas

Since the installation of fourteen (14) solar-powered active landfill gas vents at PSL in February 2016, methane concentrations have decreased in compliance probes located along Cells 1, 2, and 3. During the 2nd quarter 2023 monitoring event, methane exceeded the LEL in two (2) interior compliance probes located adjacent to Cell 7. Six (6) active LFG vents located along Cells 1, 2, and 3 had methane concentrations that exceeded the LEL during the 2nd quarter event, abating potential noncompliance for LEL requirements at perimeter probes. Compliance probes located directly next to the existing property boundary did not contain methane above the LEL during the January - June 2023 monitoring period.

TABLES

Tables 2-4.1, 2-4.2, and 3-1 are located in report text

**Table 2-1
Sampling Locations and Parameters**

Sampling Location ID	Spring 2023		
	VOCs	Metals	Water Quality
GROUNDWATER MONITORING			
MW-2	*	*	*
MW-2 DUP	*	*	*
MW-3	*	*	*
MW-7	*	*	*
MW-9	*	*	*
MW-10	*	*	*
MW-15	*	*	*
MW-16	*	*	*
MW-17	*	*	*
MW-19	*	*	*
MW-21D	*	*	*
MW-22	*	*	*
MW-23	*	*	*
MW-24D	*	*	*
MW-24S	*	*	*
MW-25D	*	*	*
MW-25S	*	*	*
MW-26S	*	*	*
MW-27D	*	*	*
MW-27S	*	*	*
MW-28D	*	*	*
MW-28S	*	*	*
SURFACE WATER MONITORING			
SW-1	*	*	*
SW-2	*	*	*
SW-3	*	*	*
T-1	*	*	*
T-2	*	*	*
T-3	*	*	*

* - indicates the parameters tested
for each sampling location
DUP - duplicate sample

**Table 2-2
Monitoring Parameters for Volatile Organic Compounds**

Volatile Organic Compounds	Method	MDE PQLs (µg/L)	Actual PQLs (µg/L)	Holding Time
Acetone	SW846 8260B	5	10	14 days
Acrylonitrile	SW846 8260B	5	5	14 days
Benzene	SW846 8260B	1	1	14 days
Bromochloromethane	SW846 8260B	1	1	14 days
Bromodichloromethane	SW846 8260B	1	1	14 days
Bromoform	SW846 8260B	1	1	14 days
Bromomethane	SW846 8260B	1	1	14 days
2-Butanone	SW846 8260B	5	10	14 days
Carbon disulfide	SW846 8260B	1	1	14 days
Carbon tetrachloride	SW846 8260B	1	1	14 days
Chlorobenzene	SW846 8260B	1	1	14 days
Chloroethane	SW846 8260B	1	1	14 days
Chloroform	SW846 8260B	1	1	14 days
Chloromethane	SW846 8260B	1	1	14 days
Dibromochloromethane	SW846 8260B	1	1	14 days
1,2-Dibromo-3-chloropropane	SW846 8011	0.04	0.02	14 days
1,2-Dibromoethane (EDB)	SW846 8011	0.04	0.02	14 days
Dibromomethane	SW846 8260B	1	1	14 days
1,2 - Dichlorobenzene	SW846 8260B	1	1	14 days
1,4 - Dichlorobenzene	SW846 8260B	1	1	14 days
Trans-1,4-dichloro-2-butene	SW846 8260B	5	3	14 days
1,1-Dichloroethane	SW846 8260B	1	1	14 days
1,2-Dichloroethane	SW846 8260B	1	1	14 days
1,1-Dichloroethene	SW846 8260B	1	1	14 days
Cis-1,2-Dichloroethene	SW846 8260B	1	1	14 days
Trans-1,3-Dichloropropene	SW846 8260B	1	1	14 days
Cis-1,3-Dichloropropene	SW846 8260B	1	1	14 days
Ethylbenzene	SW846 8260B	1	1	14 days
2-Hexanone	SW846 8260B	5	5	14 days
Iodomethane	SW846 8260B	1	1	14 days
4-Methyl-2-pentanone	SW846 8260B	5	5	14 days
Methyl Tertiary Butyl Ether	SW846 8260B	2	1	14 days
Methylene Chloride	SW846 8260B	1	1	14 days
Styrene	SW846 8260B	1	1	14 days
1,1,1,2-Tetrachloroethane	SW846 8260B	1	1	14 days
1,1,2,2-Tetrachloroethane	SW846 8260B	1	1	14 days
Tetrachloroethene	SW846 8260B	1	1	14 days
Toluene	SW846 8260B	1	1	14 days
1,1,1-Trichloroethane	SW846 8260B	1	1	14 days

PQL - Practical Quantitation Limit

µg/L - microgram per liter

shaded - exceeds MDE approved PQL

Table 2-2 (continued)
Monitoring Parameters for Volatile Organic Compounds

Volatile Organic Compounds	Method	PQL (µg/L)	Actual PQLs (µg/L)	Holding Time
1,1,2-Trichloroethane	SW846 8260B	1	1	14 days
Trichloroethene	SW846 8260B	1	1	14 days
Trichloroflouromethane	SW846 8260B	1	1	14 days
1,2,3-Trichloropropane	SW846 8260B	1	2	14 days
Vinyl acetate	SW846 8260B	1	5	14 days
Vinyl chloride	SW846 8260B	1	1	14 days
Xylene	SW846 8260B	1	3	14 days

PQL - Practical Quantitation Limit

µg/L - microgram per liter

shaded - exceeds MDE approved PQL

**Table 3-3
Monitoring Parameters for Water Quality Parameters and Metals**

Water Quality and Metals	Method	MDE PQLs (mg/L)*	Actual PQLs (mg/L)*	Holding Time
pH	Field	0.1 (SU)	0.1 (SU)	15 minutes
Temperature	Field	1°C/F	1°C/F	NA
Alkalinity	S2320B-97	1	5	14 days
Hardness	S2340C-97	0.5	0.73	180 days
Chloride	EPA 300.0	0.39	2	28 days
Specific Conductance	Field/EPA 120.1	1	1	28 days
Nitrate	EPA 300.0	0.06	0.2	48 hours
Chemical Oxygen Demand	EPA 410.4	10	15	28 days
Turbidity	Field/EPA 180.1	0.11 (NTU)	0.11 (NTU)	48 hours
Ammonia	D6919-09	1	0.1	28 days
Sulfate	EPA 300.0	0.38	2	28 days
Total Dissolved Solids	S2540C-97	10	25	7 days
Total Antimony	SW846 6020A	0.002	0.0022	180 days
Total Arsenic	SW846 6020A	0.002	0.0033	180 days
Total Barium	SW846 6020A	0.01	0.0056	180 days
Total Beryllium	SW846 6020A	0.002	0.0011	180 days
Total Cadmium	SW846 6020A	0.004	0.0011	180 days
Total Chromium	SW846 6020A	0.01	0.0022	180 days
Total Calcium	SW846 6020A	0.08	0.11	180 days
Total Cobalt	SW846 6020A	0.01	0.0056	180 days
Total Copper	SW846 6020A	0.01	0.0056	180 days
Total Iron	SW846 6020A	0.005	0.056	180 days
Total Lead	SW846 6020A	0.002	0.0022	180 days
Total Nickel	SW846 6020A	0.011	0.0056	180 days
Total Magnesium	SW846 6020A	0.004	0.11	180 days
Total Manganese	SW846 6020A	0.01	0.0056	180 days
Total Mercury	SW846 7470A	0.0002	0.0005	28 days
Total Potassium	SW846 6020A	0.39	0.11	180 days
Total Selenium	SW846 6020A	0.035	0.0056	180 days
Total Silver	SW846 6020A	0.01	0.0022	180 days
Total Sodium	SW846 6020A	0.2	0.11	180 days
Total Thallium	SW846 6020A	0.002	0.0011	180 days
Total Vanadium	SW846 6020A	0.01	0.0022	180 days
Total Zinc	SW846 6020A	0.01	0.0056	180 days
Dissolved Antimony	EPA 200.7	0.002	0.020	180 days
Dissolved Arsenic	EPA 200.7	0.002	0.0080	180 days
Dissolved Barium	EPA 200.7	0.01	0.010	180 days
Dissolved Beryllium	EPA 200.7	0.002	0.0040	180 days

All Dissolved parameters are filtered in the lab

"Actual PQLs" are the Laboratory Reporting Limit

Table 3-3 Continued
Monitoring Parameters for Water Quality Parameters and Metals

Water Quality and Metals	Method	MDE PQLs (mg/L)*	Actual PQLs (mg/L)*	Holding Time
Dissolved Cadmium	EPA 200.7	0.004	0.0020	180 days
Dissolved Chromium	EPA 200.7	0.01	0.0050	180 days
Dissolved Calcium	EPA 200.7	0.08	0.11	180 days
Dissolved Cobalt	EPA 200.7	0.01	0.0050	180 days
Dissolved Copper	EPA 200.7	0.01	0.010	180 days
Dissolved Iron	EPA 200.7	0.005	0.060	180 days
Dissolved Lead	EPA 200.7	0.002	0.0060	180 days
Dissolved Nickel	EPA 200.8	0.011	0.0050	180 days
Dissolved Magnesium	EPA 200.7	0.004	0.10	180 days
Dissolved Manganese	SW846 6010C	0.01	0.0050	180 days
Dissolved Mercury	EPA 200.8	0.0002	0.00020	28 days
Dissolved Potassium	EPA 200.7	0.39	0.50	180 days
Dissolved Selenium	EPA 200.7	0.035	0.020	180 days
Dissolved Silver	EPA 200.7	0.01	0.0040	180 days
Dissolved Sodium	EPA 200.7	0.2	0.50	180 days
Dissolved Thallium	EPA 200.8	0.002	0.0010	180 days
Dissolved Vanadium	EPA 200.7	0.01	0.0050	180 days
Dissolved Zinc	EPA 200.8	0.01	0.0050	180 days

*All Dissolved parameters are filtered in the lab
 "Actual PQLs" are the Laboratory Reporting Limit*

Table 2-4

Groundwater Monitoring Well Gauging Data PSL, Spring 2023

Well ID	Gauging Date	Depth to Water (feet)	TOC Elevation	Groundwater Elevation	Casing Size (inches)	Water Volume in Well (gallons)	Approx. Well Depth (feet)	Casing Interval (feet bgs)	Screen Interval (feet bgs)	Well Installation Date
MW-2	5/12/2023	26.81	654.15	627.34	4" PVC Casing	27	43	0-28	28-43	04/07/76
MW-3	5/12/2023	31.43	622.93	591.50	4" PVC Casing	13	39	0-11	11-39	04/08/76
MW-7	5/12/2023	14.04	556.31	542.27	4" PVC Casing	50	44	0-5	5-44	03/31/76
MW-9	5/12/2023	23.29	571.94	548.65	4" PVC Casing	10	29	0-7	7-29	03/31/76
MW-10	5/12/2023	20.23	551.87	531.64	6" Steel Casing	302	200	0-38	Open Hole	04/07/76
MW-15	5/12/2023	19.76	577.46	557.70	6" Steel Casing	471	300	0-40	Open Hole	03/31/76
MW-16	5/12/2023	39.80	598.87	559.07	6" Steel Casing	235	180	0-27	Open Hole	02/15/77
MW-17	5/12/2023	42.4	591.65	549.30	4" PVC Casing	13	50	0-27	27-50	04/25/78
MW-19	5/12/2023	6.30	569.70	563.40	4" PVC Casing	16	16	0-5	5-16	04/25/78
MW-21D	5/12/2023	29.88	666.46	636.58	6" Steel Casing	118	100	0-25	Open Hole	06/09/93
MW-22	5/12/2023	29.76	669.56	639.80	4" PVC Casing	286	200	0-80	80-200	03/12/07
MW-23	5/12/2023	11.84	646.20	634.36	6" Steel Casing	316	200	0-50	50-200	03/01/13
MW-24S	5/12/2023	24.85	612.06	587.21	4" PVC Casing	42	50	0-40	40-50	08/31/15
MW-24D	5/12/2023	24.0	611.17	587.22	8" Steel Casing	296	200	0-73	Open Hole	08/18/15
MW-25S	5/12/2023	31.77	592.45	560.68	4" PVC Casing	26	47	0-36	36-46	08/31/15
MW-25D	5/12/2023	29.26	592.61	563.35	6" Steel Casing	287	200	0-19	Open Hole	08/16/15
MW-26S	5/12/2023	23.84	578.83	554.99	4" PVC Casing	69	65	0-45	45-65	08/31/15
MW-27S	5/12/2023	19.9	573.04	553.10	4" PVC Casing	42	45	0-35	35-45	08/31/15
MW-27D	5/12/2023	17.72	572.52	554.80	8" Steel Casing	306	200	0-39	Open Hole	08/27/15
MW-28S	5/12/2023	19.99	571.17	551.18	4" PVC Casing	34	40	0-30	30-40	08/31/15
MW-28D	5/12/2023	20.59	572.07	551.48	8" Steel Casing	301	200	0-39	Open Hole	08/27/15

TOC - top of casing

bgs - below ground surface

Table 2-5 - Relative Percent Difference (RPD) for Detected Parameters Blind Duplicate Sample Analysis

Name: Parkton Sanitary Landfill

Sampling Event Date: 4/17/2023

Parameter Name	MW-2	MW-29 (DUP)	RPD
Barium, Total	0.09	0.09	0.00%
Beryllium, Total	0.00039	0.00037	5.13%
Calcium, Total	1.1	1.2	9.09%
Copper, Total	0.02	0.02	0.00%
Magnesium, Total	2	2	0.00%
Manganese, Total	0.12	0.12	0.00%
Nickel, Total	0.014	0.012	14.29%
Potassium, Total	3.9	3.8	2.56%
Sodium, Total	1	1.1	10.00%
Zinc, Total	0.034	0.034	0.00%
Ammonia-N	0.129	0.247	91.47%
Chemical Oxygen Demand (COD)	10	15	50.00%
Chloride	2.3	2.3	0.00%
Hardness	11	11.1	0.91%
Nitrate-N	3.2	3.2	0.00%
Sulfate	1.7	1.7	0.00%
Total Dissolved Solids	44	50	13.64%

Shading - RPD greater than 20%

Table 2-6
Groundwater Elevation (FT above MSL) May 2023

Well Number	Reference Elevation (FT MSL)	Groundwater Depth May 2023 (FT MSL)	Groundwater Elevation May 2023 (FT MSL)
MW-1A	599.66	36.19	563.47
MW-2	654.15	26.81	627.34
MW-3	622.93	31.43	591.50
MW-7	556.31	14.04	542.27
MW-9	571.94	23.29	548.65
MW-10	551.87	20.23	531.64
MW-14	679.56	41.55	638.01
MW-15	577.46	19.76	557.70
MW-16	598.87	39.8	559.07
MW-17	591.65	42.35	549.30
MW-19	569.70	6.3	563.40
MW-21D	666.46	29.88	636.58
MW-22	669.56	29.76	639.80
MW-23	646.20	11.84	634.36
MW-24S	612.06	24.85	587.21
MW-24D	611.17	23.95	587.22
MW-25S	592.45	31.77	560.68
MW-25D	592.61	29.26	563.35
MW-26S	578.83	23.84	554.99
MW-27S	573.04	19.94	553.10
MW-27D	572.52	17.72	554.80
MW-28S	571.17	19.99	551.18
MW-28D	572.07	20.59	551.48

NOTES:

- (1) MSL: Mean Sea Level
- (2) Groundwater Depth: Groundwater level, feet below measuring point
- (3) Measuring Point: Top of PVC Well Casing
- (4) Groundwater Level measured to 0.01 feet

TABLE 4-1
LANDFILL GAS MONITORING DATA SUMMARY
PSL, 2011 - Spring 2023

Lanfill Gas Probe/Vent ID	3/24/2011	6/28/2011	9/13/2011	11/22/2011	3/27/2012	6/26/2012	8/21/2012	11/9/2012	3/26/2013	4/17/2013	9/18/2013	12/16/2013	3/6/2014	6/16/2014	9/29/2014	12/5/2014	3/12/2015	4/22/2015	9/21/2015	11/27/2015	3/8/2016	6/8/2016	7/21/2016	11/18/2016	2/8/2017	4/13/2017
Cell 1 Area																										
PKTN1A-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN1B-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN1C-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN1D-1	NR	0	0	0	0	0	0	0	0	0	0	0	0	NR	0	0.1	NR	0	0	0	NR	0	0	0	0	0
PKTN0011	NR	16.4	0	0	NR	42.6	0	0	0	NR	0	NR	1.9	0	NR	32	36.4	45.9	21.5	38.1	0	0	0	0	0	0
PKTN0023	0	0	0	0	0	0	0	0	0	0	0	0	0	1.6	0.2	0	0	0	0	0	0	0	0	0	0	0
PKTN0025	36.9	60.9	57.6	56.7	32.4	46.6	21.9	20.7	24.3	40.7	33	13.4	72.7	49.6	46.5	24.5	7.1	54.3	20.9	44.3	14.7	0.8	0	0	20.1	0
PKTN0026	0	57.4	54.1	42.1	0.5	35.2	2.3	0	0.7	7.5	55	56.5	70.5	59	56.5	42.6	24.7	48.5	37.1	47.7	36.1	18.5	6.9	0	38.6	0
Cell 2 Area																										
PKTN2A-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN2B-1	0	0	0.3	0	0	0	0	0	0	0	0	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN2C-2	45.6	38.2	28.5	56.5	59.4	44.1	25.4	33.6	64	65.6	29.9	59.2	71.1	54.3	19.7	39.6	69.2	58.3	20.1	38.2	0.3	0	0	0	0	0
PKTN0006	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cell 3 Area																										
PKTN3A-2	14.7	23.6	24.5	25.7	26.5	25.6	22.3	15.8	25.6	26.7	27.1	23.4	24.6	32.5	25.1	17.6	16.5	19.1	24.6	22.2	15.9	8.5	5.5	1.7	0.3	0
PKTN3B-2	48.9	55.2	63.8	65.7	60.6	57.5	55.1	43.6	56	59.1	49.1	58.6	57.3	53.5	48.6	57.3	56.5	55.9	55.7	56.7	0.2	0	0	0	0	0
PKTN3C-1	48.5	57.1	65	64.5	61.4	57.2	54.8	50.5	61.2	63.4	48.2	64	59.7	52.9	55.6	45.8	49	56.4	53.7	53.6	0	0	0	0	0	0
PKTN3D-2	43.9	58.4	63.7	64.3	56.2	57.9	56.1	50.3	51	58.3	50.7	62.1	49.8	54.2	58.8	61.3	36.4	57.5	59	58	0	0	0	0	0	0
PKTN3E-2	46	52.6	23.1	24.4	70.1	68.2	45	16.2	38.7	43.8	33.6	32.5	33.3	15.5	0.4	17.9	19	6.7	5.3	30	12.8	0	0	0	0	0
PKTN3F-1	0.1	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cell 4 Area																										
PKTN4A-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.7	0	0	0	0
PKTN4B-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cell 7 Area																										
PKTN7A-1	0	0	0	0	0	0	0	0	0	0	NR	0	NR	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7B-1A	0.1	0	0.3	0.5	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0
PKTN7B-1B	32.1	51.4	35.7	54.6	37.1	43.1	19.7	35	52.5	52.7	46.8	44.2	64.9	60.4	35.7	31	26.2	53.2	24.3	46.1	56.7	53.6	40	33.2	47	48
PKTN7B-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7B-2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7C-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7D-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7E-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7E-1A	NR	0	0	NR	0.1	0	0	0	NR	0	0	0.4	NR	NR	0	0	0	1.5	0	2.6	NR	0	0	0	0	0
PKTN7E-1B	47.1	64.7	49.4	60.1	51.8	56.4	49.3	41.2	54.9	57	49.3	55	64.3	55.6	49.7	49	35.6	57.6	2.4	49.3	40.3	59.6	50.1	44.7	54.2	20.9
PKTN7F-1	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West of I-83																										
PKTN0019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0
PKTN0020	0	0	0	0	0	0	0	0	0.8	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0021	0	0	NR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Active LFG Vents																										
PKTNA101																					NR	1.5	0.2	0.1	1	0.7
PKTNA102																					NR	16.1	8.1	7.6	24.8	13.3
PKTNA201																					NR	9	6	7.3	10.8	9.3
PKTNA202																					NR	38.6	25.7	29	37.5	37.2
PKTNA203																					NR	36.2	32.4	29	33	29.9
PKTNA301																					NR	11.4	0.9	2	18.1	7.1
PKTNA302																					NR	35.6	30.5	27	41	27.3
PKTNA303																					NR	17.9	10.1	9.5	22	12.3
PKTNA304																					NR	7.8	2.8	4.3	14.7	3.6
PKTNA305																					NR	12	8.1	9.1	20.9	6.2
PKTNA306																					NR	5	1.2	1.1	7.9	1.4
PKTNA307																					NR	15.2	3.8	8.2	23.1	11.7
PKTNA308																					NR	23	12.6	11.9	29.3	15.7
PKTNA309																					NR	14.7	15.1	12.1	27.8	3.7

Prior to installation
 NR No Reading Obtained
 Greater than 5% Methane (100% of the LEL)

**TABLE 4-1
LANDFILL GAS MONITORING DATA SUMMARY
PSL, 2011 - Spring 2023**

Lanfill Gas Probe/Vent ID	8/11/2017	11/14/2017	2/21/2018	4/13/2018	7/12/2018	12/13/2018	2/28/2019	4/25/2019	8/13-14/2019	10/11-15/2019	2/13 & 2/19/2020	4/29-30/2020	8/18-19/2020	10/21-22/2020	3/10-11/2021	4/27-29/2021	8/4-5/2021	10/5-6/2021	3/2-3/2022	6/28-30/2022	8/16-17/2022	12/28-29/2022	2/21-23/2023	5/26/23-6/1/23
Cell 1 Area																								
PKTN1A-1	0	0	0	0	0	0	NR	NR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN1B-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN1C-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN1D-1	0	0	0	0	0	NR	NR	NR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0025	0	0	6.7	0.7	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	4.6	0
PKTN0026	2.7	0	0	0	0	0	0	0	0	0	0	0.2	3.5	2	4	27.1	0	0.1	1.9	0.1	0	0	8.1	4.2
Cell 2 Area																								
PKTN2A-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN2B-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN2C-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cell 3 Area																								
PKTN3A-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN3B-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN3C-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN3D-2	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0.1	3.6	0	41.4	0	0	1.4	25.2	1.4
PKTN3E-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN3F-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cell 4 Area																								
PKTN4A-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN4B-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cell 7 Area																								
PKTN7A-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7B-1A	0	0	0	0	0	0.2	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7B-1B	46.7	45.7	36.3	51.7	56.3	68.8	66.4	63.8	59.5	39.5	63.2	64	52.6	30.3	61.7	61.9	53	52.1	66.9	57.4	48.6	54.2	60.9	52.5
PKTN7B-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7B-2A	0	0	0	0	0	0	14.2	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7C-2	0	0	0	0	0	NR	NR	NR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7D-2	0	0	0	0	0	0	NR	NR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7E-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN7E-1A	NR	0	0	0.7	0	NR	NR	NR	0.1	0	8.1	9.8	0	0	1.8	7.5	0	8.1	16.7	1.6	0	1	6	2.9
PKTN7E-1B	36.9	49.3	32.7	40.3	34.1	27.4	29	29.5	34.6	33.2	48.5	52.1	49.3	36.8	38	40.7	50.5	54.3	42.1	49	36.8	42.6	31.1	44.7
PKTN7F-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West of I-83																								
PKTN0019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKTN0022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Active LFG Vents																								
PKTNA101	0.1	0.4	0.5	0.8	0.2	1.2	2	0.7	1.1	0.3	6.3	1.2	0	0	0.7	0.4	0	0.5	1.1	0.7	0.1	1.1	1.6	0.5
PKTNA102	10.4	17.8	21.8	17.2	5	16.9	18.2	16.5	10.4	4	39.6	25.8	6.9	5.2	22.9	21.9	4.7	12.2	30.6	7.2	3.2	16.6	20.9	7.8
PKTNA201	6.2	10.6	15.5	9.5	5.1	12.5	13.7	10.5	22.6	7.5	26.1	13.3	3.4	5.3	7.9	4.7	2.3	3	7.3	2.8	1.7	6.4	5.8	3.4
PKTNA202	37.6	40.8	31.2	39.1	36.7	44.3	43.9	40.8	28.6	35.7	46.2	45	27.5	19.4	40.4	37.4	17.7	24.3	41.3	22.9	14.2	26.2	28.6	18.9
PKTNA203	32.1	34.9	0	30.9	27.5	38.6	36.6	35.1	41.2	15.6	6.5	30.6	13.5	15.8	26.7	22.3	4.3	13.1	36.2	22.8	6.7	24.7	27.5	0
PKTNA301	3.1	7.6	12.1	10.6	0.8	11.4	11.2	12.2	0	4.7	28.7	17.7	5.8	6.3	12	16.5	6.1	7.1	22.9	12.9	5.4	13.5	31.4	2.7
PKTNA302	34	36.5	33.4	33	15.2	13.4	25.9	35.1	26.5	29.2	51	41.4	29.7	28.8	32.9	42.6	25.7	28.4	62.1	37.5	19.9	43.9	52.6	25.5
PKTNA303	10.7	15.9	15.4	15.8	4	16.1	18.5	13.5	6	6.8	27.2	18	8.2	4.9	12.7	13.3	6.2	10.5	25.1	5.2	3.8	14.1	33.3	3.4
PKTNA304	3.7	6.6	7.3	5.8	1.2	4.4	4.8	5.7	6.9	5.6	23.3	9.4	4.4	3.5	3.7	12.9	4.3	2.1	10.7	2.2	3.8	5.6	21.6	1.8
PKTNA305	8.2	10.2	9.8	9.3	3.1	9	8.3	9.9	11.3	9	27	14.7	8.4	7	8.7	21.3	9.2	7.2	18.2	8.9	9.4	14.9	30.7	8.2
PKTNA306	0.7	1.9	2.1	2.4	0.1	2.4	2.6	1.6	1.1	0.9	NR	1.4	0.5	0.4	1	1.5	0.4	0.5	1.7	1	0.2	1.6	3.4	0.7
PKTNA307	11.8	16.5	17.2	16.4	10.1	20.4	17.2	17.8	11.8	5	33.9	21.7	6.8	4.5	14.6	22.6	5.4	9.4	28.2	14.3	4.1	15.1	35.9	6.4
PKTNA308	13	23.3	21.8	8.9	3.7	19	18.8	18.7	6.8	9.5	44.1	23.6	3.3	2.9	10	12.5	3.9	1.7	21.7	0.9	3	6	24.8	1.2
PKTNA309	10.7	13.2	15.6	NR	8.3	8.1	12.7	12	24.5	19.3	44.7	23.3	13.9	13.5	11.2	36.2	0	9.5	33.7	9.9	15.3	25	51	10.9

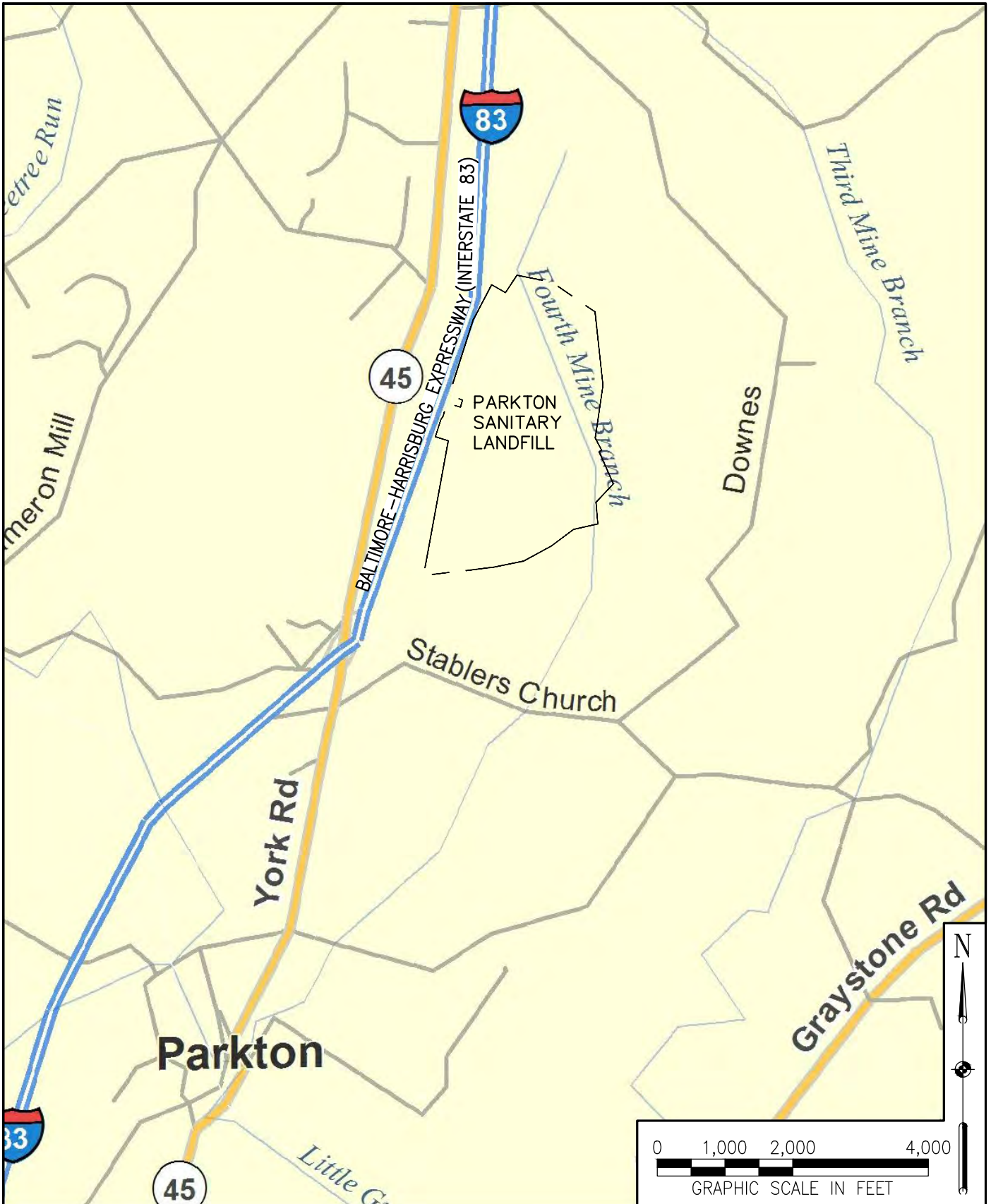
Prior to installation
 NR No Reading Obtained
 Greater than 5% Methane (100% of the LEL)

**TABLE 5-1
 COMBUSTIBLE GAS DETECTOR MONITORING SUMMARY
 PSL, Spring 2023**

Methane Gas Detector Location	1/13/2023	2/14/2023	3/2/2023	4/18/2023	5/16/2023	6/14/2023
School Bus Maintenance Facility						
Dispatch Office						
Maintenance Supervisors Office						
Break Room						
Restroom #1						
Restroom #2						
Parts Room						
Custodial Room						
Vehicle Service Area Monitor A						
Vehicle Service Area Monitor B						
BSWM Storage Building						

Functional Detector Functional - 0% Methane Detection

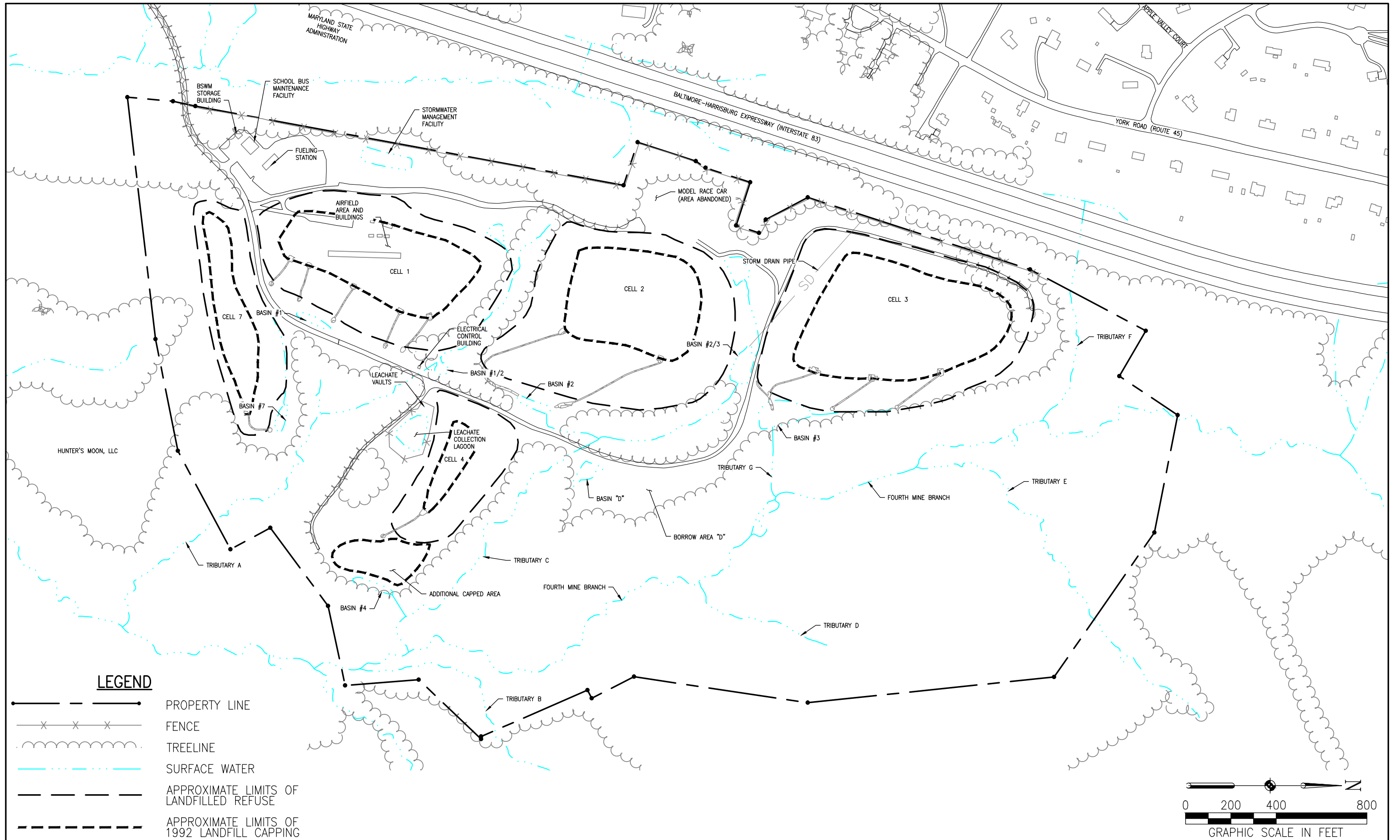
FIGURES



BALTIMORE COUNTY DPW
 BUREAU OF SOLID WASTE MANAGEMENT
 PARKTON SANITARY LANDFILL
 PARKTON, MARYLAND

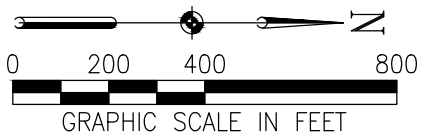
LOCATION MAP

DESIGNED BY:	DRAWN BY:	CHECKED BY:	PROJECT MGR.:	DATE:	PROJECT NUMBER:	SHEET NUMBER:	FIGURE: 1-1
--------------	-----------	-------------	---------------	-------	-----------------	---------------	----------------



LEGEND

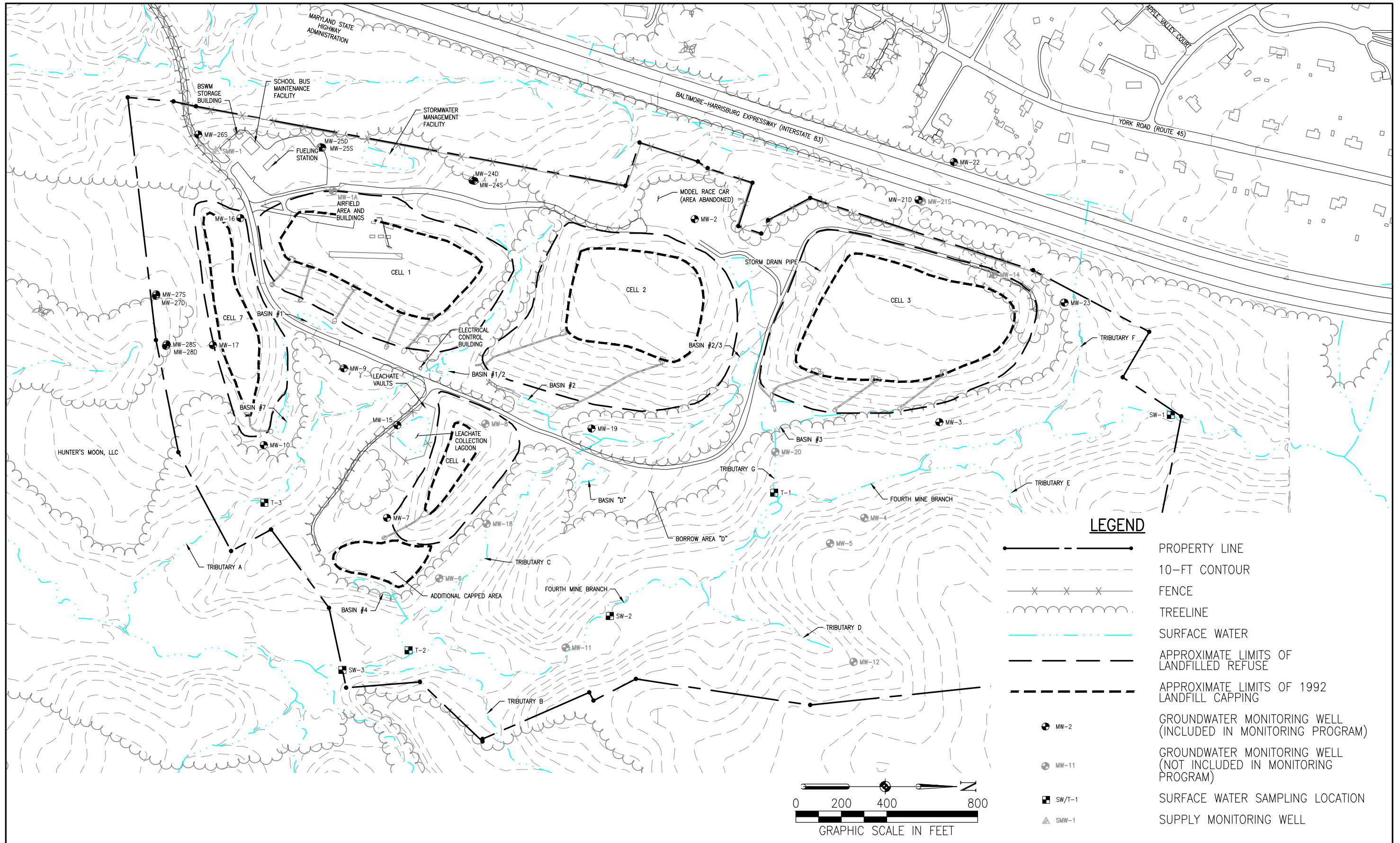
- PROPERTY LINE
- x-x-x- FENCE
- o-o-o- TREELINE
- - - - - SURFACE WATER
- - - - - APPROXIMATE LIMITS OF LANDFILLED REFUSE
- - - - - APPROXIMATE LIMITS OF 1992 LANDFILL CAPPING



BALTIMORE COUNTY DPW
 BUREAU OF SOLID WASTE MANAGEMENT
 PARKTON SANITARY LANDFILL
 PARKTON, MARYLAND

SITE PLAN

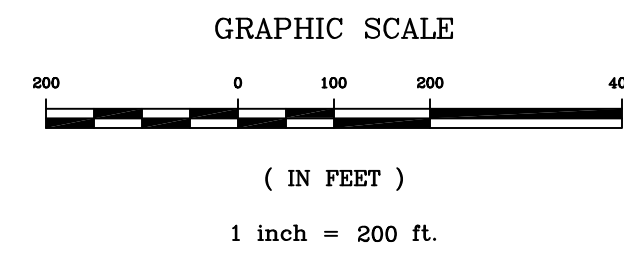
PROJECT NUMBER:	DESIGNED BY:	DRAWN BY:	FIGURE: 1-2
DATE:	CHECKED BY:	PROJECT MGR.:	SHEET NUMBER:



BALTIMORE COUNTY DPW
 BUREAU OF SOLID WASTE MANAGEMENT
 PARKTON SANITARY LANDFILL
 PARKTON, MARYLAND

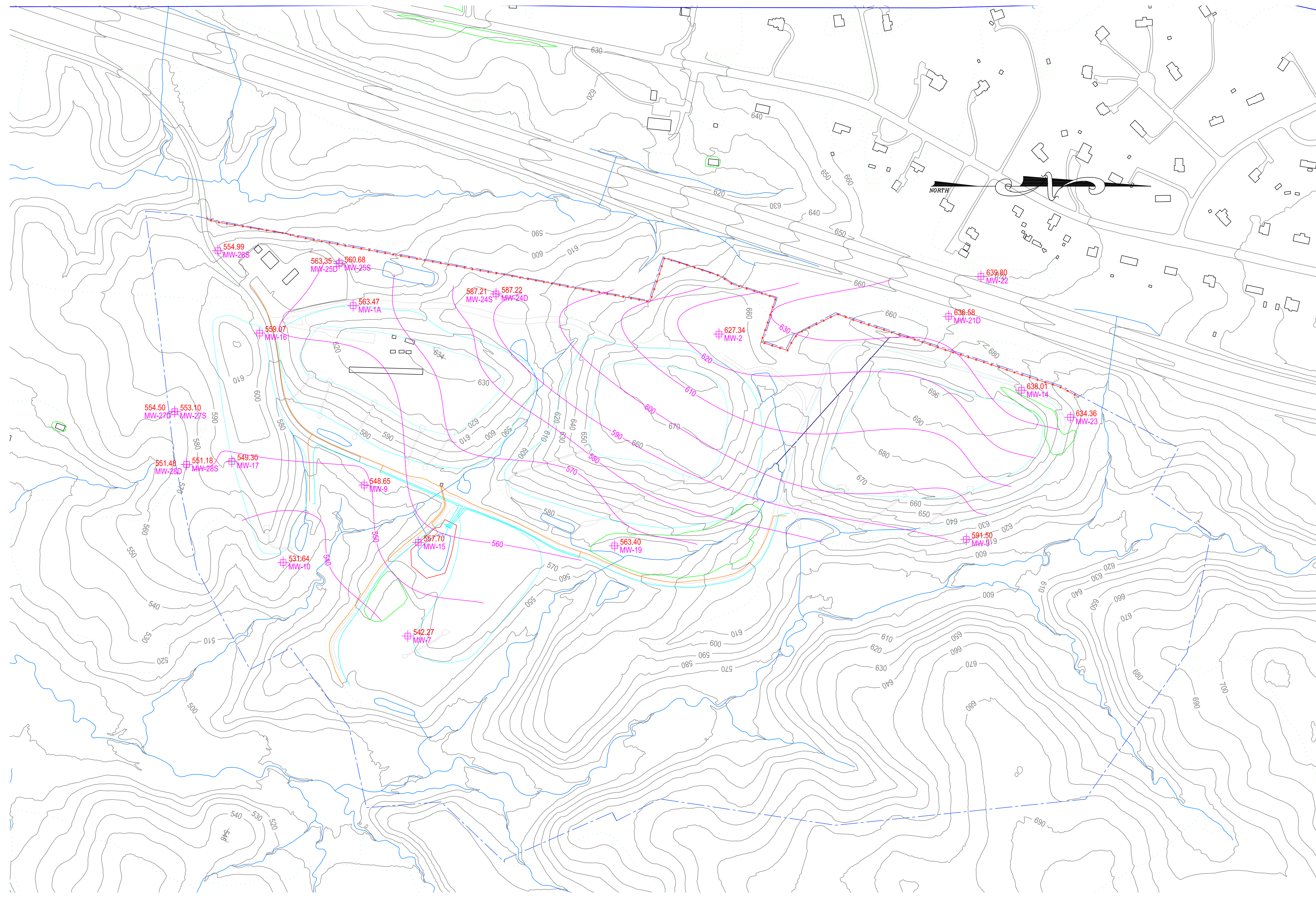
GROUNDWATER AND SURFACE WATER MONITORING LOCATIONS

PROJECT NUMBER:	DESIGNED BY:	DRAWN BY:	FIGURE: 2-1
DATE:	CHECKED BY:	PROJECT MGR.:	SHEET NUMBER:



LEGEND

- PROPERTY LINE
- EXISTING TOPO
- FENCE
- LIMITS OF REFUSE
- 10FT. GROUNDWATER CONTOUR
- GROUND WATER MONITORING WELL



DESIGNED	KP
DETAILED	KP
CHECKED	KP
APPROVED	KP

Maryland ENVIRONMENTAL SERVICE

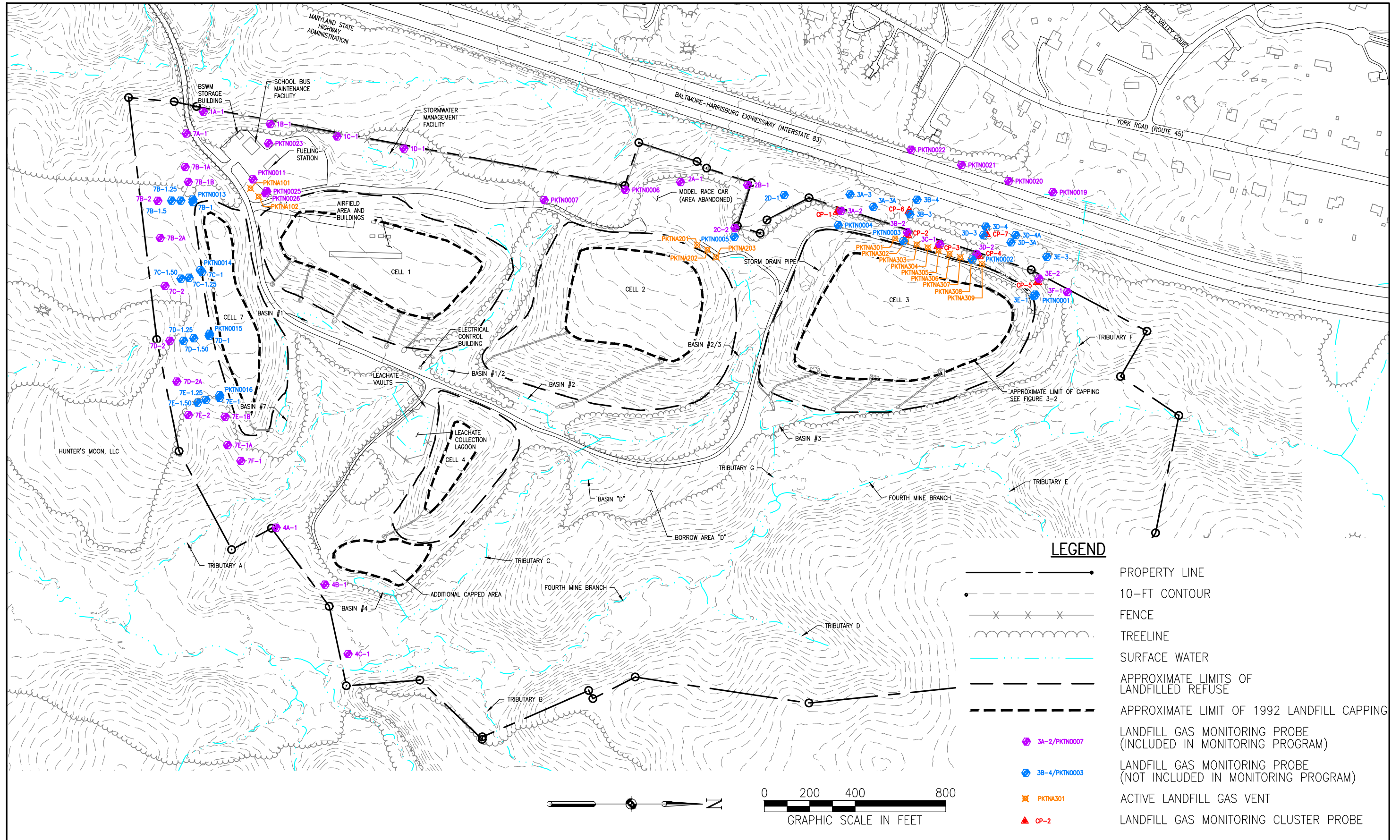
MARYLAND ENVIRONMENTAL SERVICE
ENVIRONMENTAL OPERATIONS GROUP
 DIRECTOR: DR. CHARLES GLASS
 ENVIRONMENTAL SECTION CHIEF: JOHN AGNOU
 GROUP DIRECTOR: TIM FORD
 PROJECT MANAGER: KELSEY PEARCE

BALTIMORE COUNTY DPW
BUREAU OF SOLID WASTE MANAGEMENT
PARKTON SANITARY LANDFILL
GROUNDWATER CONTOUR MAP
MAY 2023



DATE
MAY 2023

FIG. 2-4



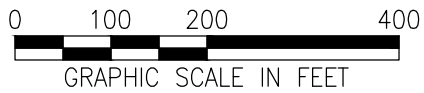
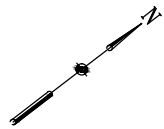
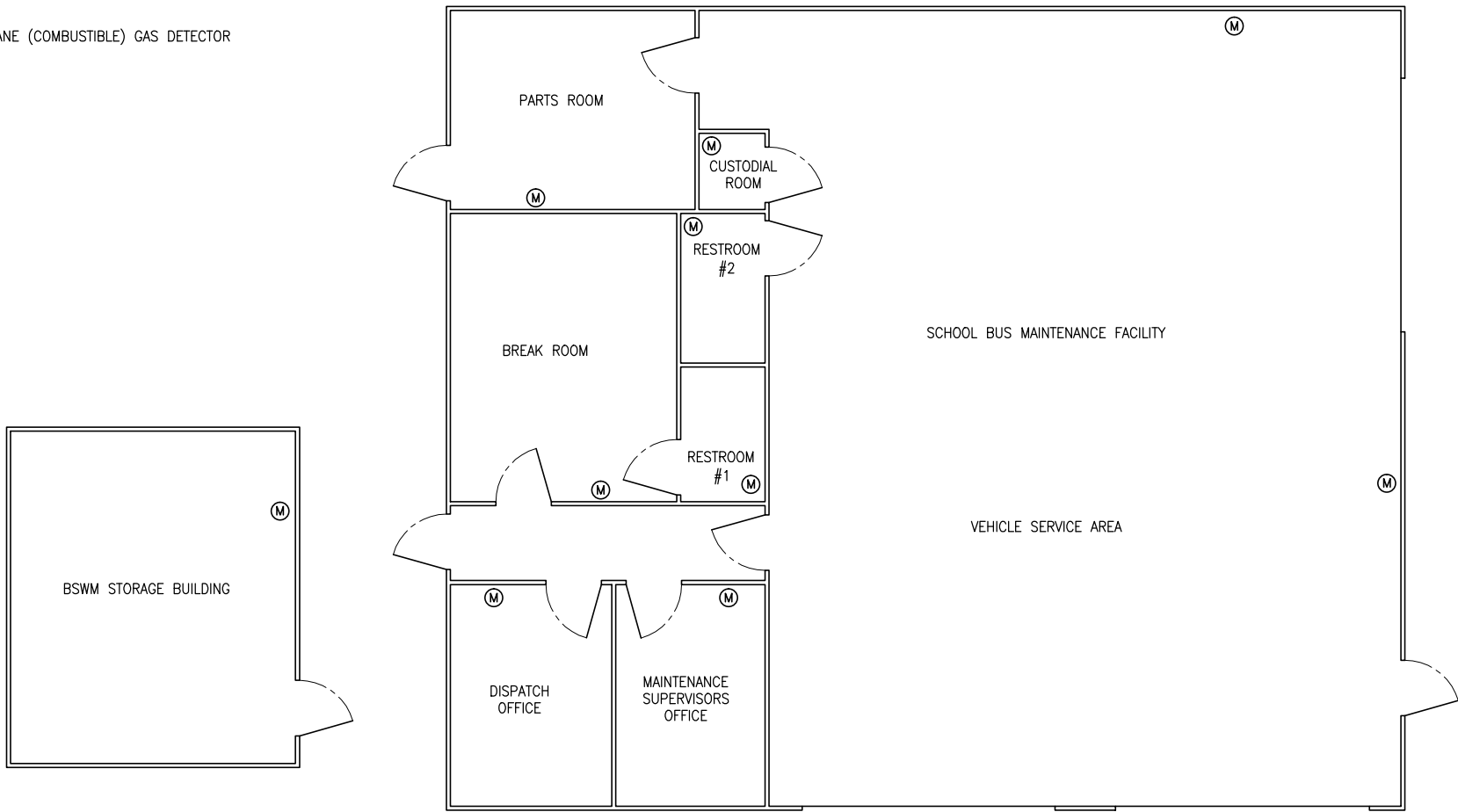
BALTIMORE COUNTY
 BUREAU OF SOLID WASTE MANAGEMENT
 PARKTON SANITARY LANDFILL
 PARKTON, MARYLAND

LANDFILL GAS PROBE AND VENT LOCATION MAP

PROJECT NUMBER:	DESIGNED BY:	DRAWN BY:	FIGURE: 4-1
DATE:	CHECKED BY:	PROJECT MGR.:	SHEET NUMBER:

LEGEND

(M) METHANE (COMBUSTIBLE) GAS DETECTOR



BALTIMORE COUNTY DPW
BUREAU OF SOLID WASTE MANAGEMENT
PARKTON SANITARY LANDFILL
PARKTON, MARYLAND

COMBUSTIBLE GAS DETECTOR
LOCATIONS

PROJECT NUMBER:	DESIGNED BY:	DRAWN BY:	FIGURE: 5-1
DATE:	CHECKED BY:	PROJECT MGR.:	SHEET NUMBER:

APPENDICES

Appendix A: Post-Closure Monitoring Reports

Appendix B: Field Logs for Groundwater and Surface Water Monitoring & Field Instrument Calibration Logs

Appendix C: Field Logs for Landfill Gas Monitoring

Appendix D: Analytical Laboratory Reports and Sample Chain of Custody Records

Appendix E: Event Summary Tables for Groundwater and Surface water

Appendix F: Historical Groundwater and Surface Water Data

APPENDIX A

Post-Closure Monitoring Reports



Parkton Sanitary Landfill (PSL)
Sediment/Erosion Control & Capping Inspection Report

Inspector: Brooke Zibell Date: 02/07/2023

Date of last inspection: 11/23/2022 Precipitation since last inspection (in.): 3.90

Key: S= Satisfactory NI= Needs Improvement U= Unsatisfactory NC= Noncompliant

Number in red parentheses = Respective map location

Location/Asset	Status	Observations & Descriptions
Cell #1 Top Cap		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Model airplane field	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Notes/Images:		
Cell #1 Terraces & Slope Face		
Condition & type of vegetation	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Top South-facing terrace has exposed liner
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #1 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #2 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #3 condition	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Settled dirt and growing vegetation in ditch
Hypalon Ditch #4 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #5 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Notes/Images:



Areas with exposed liner on Cell 1 South-facing upper terrace (2)





Settled dirt and growing vegetation on Cell 1 Hypalon Ditch #3 (3)

Cell #2 Top Cap		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Notes/Images:		

Cell #2 Terraces & Slope Face		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #1 condition	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Exposed liner at top of ditch
Hypalon Ditch #2 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Notes/Images:

Exposed liner on top of Cell 2 Hypalon Ditch #1 (7)

Cell #3 Top Cap		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Settling on West side of cap
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:



Settling on Cell 3 top cap (8)

Cell #3 Terraces & Slope Face

Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #1 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #2 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #3 condition	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Exposed liner of top of ditch
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Notes/Images: (continued onto next page)		



Exposed liner on top of Cell 3 Hypalon Ditch #3 (9)

Cell #4 Top Cap

Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:

Cell #4 Terraces & Slope Face

Condition & type of vegetation	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	1. Tree down on pathway along Northern-facing terrace 2. Southern slope has erosion and exposure of liners
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #1 condition	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Full of vegetation
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Notes/Images: (continued onto next page)



Pathway obstruction on Cell 4 Northern-facing terrace (6)



Vegetation obstruction of Cell 4 Hypalon Ditch #1 (5)



Erosion and exposure of liners on Cell 4 South-facing upper slope (4)

Top Cap East of Cell #4		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Notes/Images:		

Cell #7 Top Cap		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Notes/Images:		

Cell #7 Terraces & Slope Face		
Condition & type of vegetation	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Multiple areas with exposed liners on Southeast slope
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #1 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Notes/Images: (continued onto next page)






Multiple areas with erosion and exposed liners on Cell 7 Southeast slope (1)

Borrow Areas


Borrow Area A condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Borrow Area B condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Borrow Area C condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Borrow Area D condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Borrow Area E condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:

Basin Areas

Basin #1 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin #2 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin #3 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin #4 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin #7 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin 1/2 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin 2/3 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin D condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Stormwater pond condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:

Roads		
Stablers Church Road	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Entrance Driveway	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Landfill Access	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Cell Access	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Notes/Images:		
Facilities		
Solid Waste store room	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Fueling station/school bus lot	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Electrical control building	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Leachate collection lagoon	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Notes/Images:		
Other Structures & Assets		
Groundwater monitoring wells	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
LFG probes, vents & stick-ups	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Adjacent Properties	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Leachate pump stations/manholes	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Perimeter fencing	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage tributaries	S <input type="checkbox"/> NI <input type="checkbox"/> U <input checked="" type="checkbox"/> NC <input type="checkbox"/>	Significant erosion in Tributary F
Fourth Mine Branch	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Undeveloped wooded area	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Signage/Markers	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Leachate seeps	Present <input type="checkbox"/> Absent <input checked="" type="checkbox"/>	
Notes/Images:		
		
Significant erosion in Tributary F (10)		

Inspection Parameters & Checklist Key

- **Condition & type of vegetation**- grasses, legumes, shrubs, trees, etc.
 - Note: There should be no evidence of other types of deep-rooted vegetation over capped areas.
- **Drainage**- Differential sediment, ponding, rutting, etc.
 - Note: There should be positive drainage across the entire site.
- **Status of vegetated soil cover**- Erosion, un-vegetated areas, etc.
 - Note: The entire area should be vegetated
- **Evidence of animal activity**- Burrowing
 - Note: There should be no evidence of any animal burrowing over capped areas.

Various Cell Capping Materials for Reference

Cell	Capping Material
Top of Cell #1	30 mil. PVC
Top of Cell #2	30 mil. PVC
Top of Cell #3	30 mil. PVC
Top of Cell #4	30 mil. PVC
Top of Cell #7	30 mil. PVC
Area East of Cell #4	30 mil. PVC

File name: *PSL Quarterly Inspection Form Template*

S:\DPW\Restricted\Solid Waste Refuse Disposal\PSL\Quarterly Site Inspections\Forms

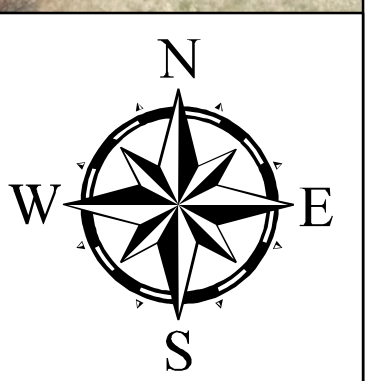
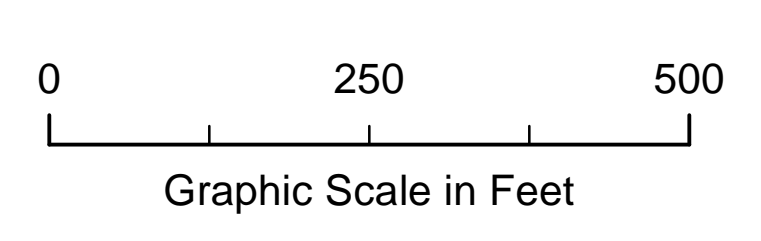
Updated on: 9/26/2022



Parkton Sanitary Landfill
 800 Stablers Church Road
 Parkton, MD 21120

Legend

- - - Approximate Limits of Landfilled Refuse
- - - Approximate Limits of Closure Capping
- Approximate Location of Storm Drain Pipe
- Property Line
- Stream/Surface Water
- Manhole



Imagery: Axis Geospatial, LLC (April 2014)


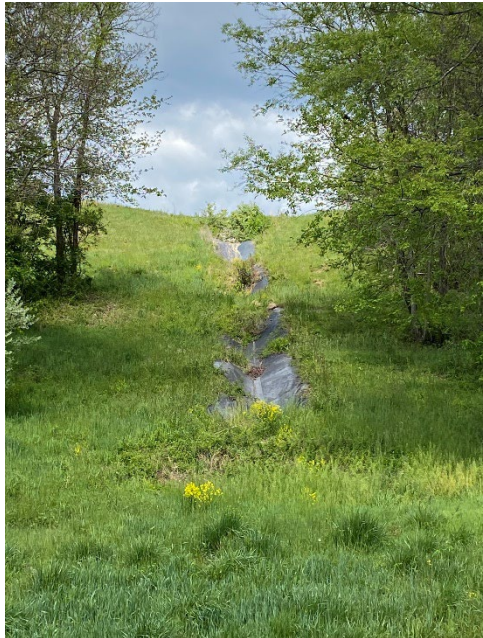


Parkton Sanitary Landfill (PSL)
Sediment/Erosion Control & Capping Inspection Report

Inspector: Brooke Zibell Date: 4/25/2023

Date of last inspection: 2/7/2023 Precipitation since last inspection (in.): 5.58

Key: **S**= Satisfactory **NI**= Needs Improvement **U**= Unsatisfactory **NC**= Noncompliant

Location/Asset	Status	Observations & Descriptions
Cell #1 Top Cap		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Model airplane field	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Notes/Images:		
Cell #1 Terraces & Slope Face		
Condition & type of vegetation	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Top South-facing terrace has exposed liner
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #1 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #2 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #3 condition	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Significant vegetation obstructing ditch
Hypalon Ditch #4 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #5 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Notes/Images:		
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Exposed liner on South-facing terrace</p> </div> <div style="text-align: center;">  <p>Hypalon Ditch #3 vegetation obstruction</p> </div> </div>		

Cell #2 Top Cap		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Notes/Images:		

Cell #2 Terraces & Slope Face		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #1 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #2 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Notes/Images:		

Cell #3 Top Cap		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Settling on West side of cap
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:



Settling on West side of cap

Cell #3 Terraces & Slope Face		
Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #1 condition	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Significant vegetation obstructing ditch
Hypalon Ditch #2 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #3 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Notes/Images:



Hypalon Ditch #1 vegetation obstruction

Cell #4 Top Cap

Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:

Cell #4 Terraces & Slope Face

Condition & type of vegetation	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Erosion and exposed liners on Southern slope
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #1 condition	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Significant vegetation obstructing ditch
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Notes/Images:



Erosion and exposed liners on Southern-facing slope



Hypalon Ditch #1 vegetation obstruction

Top Cap East of Cell #4

Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:

Cell #7 Top Cap

Condition & type of vegetation	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Status of vegetated soil cover	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Daylighted underdrain condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:

Cell #7 Terraces & Slope Face

Condition & type of vegetation	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Multiple areas with exposed liner on SE slope
Drainage	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Hypalon Ditch #1 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Evidence of animal activity?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Notes/Images:



Erosion and exposed liner on Southeast slope

Borrow Areas

Borrow Area A condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Borrow Area B condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Borrow Area C condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Borrow Area D condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Borrow Area E condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:

Basin Areas

Basin #1 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin #2 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin #3 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Basin #4 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin #7 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin 1/2 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin 2/3 condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Basin D condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Stormwater pond condition	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:

Roads

Stablers Church Road	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Entrance Driveway	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Landfill Access	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Cell Access	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Falling tree near Basin D

Notes/Images:



Falling tree over cell access road, near Basin D

Facilities

Solid Waste store room	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Fueling station/school bus lot	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Electrical control building	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Leachate collection lagoon	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Notes/Images:

Other Structures & Assets

Groundwater monitoring wells	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
LFG probes, vents & stick-ups	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Adjacent Properties	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Leachate pump stations/manholes	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Perimeter fencing	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Drainage tributaries	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	

Fourth Mine Branch	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Significant erosion in Tributary F
Undeveloped wooded area	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Signage/Markers	S <input checked="" type="checkbox"/> NI <input type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	
Leachate seeps	Present <input type="checkbox"/> Absent <input checked="" type="checkbox"/>	
Grass mowing	S <input type="checkbox"/> NI <input checked="" type="checkbox"/> U <input type="checkbox"/> NC <input type="checkbox"/>	Severely overgrown grass

Notes/Images:

Grass was mowed shortly after inspection was conducted



Tributary F erosion

Inspection Parameters & Checklist Key

- **Condition & type of vegetation**- grasses, legumes, shrubs, trees, etc.
 - Note: There should be no evidence of other types of deep-rooted vegetation over capped areas.
- **Drainage**- Differential sediment, ponding, rutting, etc.
 - Note: There should be positive drainage across the entire site.
- **Status of vegetated soil cover**- Erosion, un-vegetated areas, etc.
 - Note: The entire area should be vegetated
- **Evidence of animal activity**- Burrowing
 - Note: There should be no evidence of any animal burrowing over capped areas.

Various Cell Capping Materials for Reference

Cell	Capping Material
Top of Cell #1	30 mil. PVC
Top of Cell #2	30 mil. PVC
Top of Cell #3	30 mil. PVC
Top of Cell #4	30 mil. PVC
Top of Cell #7	30 mil. PVC
Area East of Cell #4	30 mil. PVC

File name: PSL Quarterly Inspection Form Template

S:\DPW\Restricted\Solid Waste Refuse Disposal\PSL\Quarterly Site Inspections\Forms

Updated on: 9/26/2022

APPENDIX B

Field Logs for Groundwater and Surface Water Monitoring & Field Instrument Calibration Logs

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-2

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-21-23

Weather: Sunny / Low 70s

Arrival Time: 1120

Well Depth: 43 feet

Well Diameter: 4 inches

Depth to Water: ~~2780~~²⁷⁸⁰ feet

28.15

2780

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	28.37	260	7.42	13.96	43.40	5.06	116.7	3.23
10	28.54	240	7.57	14.15	43.07	5.09	133.7	3.26
15	28.65	240	7.57	14.30	43.03	5.15	143.4	3.31
20	28.77	280	7.48	14.24	43.14	5.18	151.7	3.09
25	28.85	200	7.43	14.43	43.01	5.18	158.3	3.28
30	28.91	180	7.34	14.61	43.08	5.18	164.7	3.27
35	28.97	140	7.19	14.75	43.16	5.18	169.7	3.27
40	29.00	160	7.17	14.87	43.22	5.18	174.5	3.20

Sampling Time: 1210

Notes: Duplicate Sample MW-29 collected, given sample time of 1130

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-3

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-21-23

Weather: Mostly Sunny/low 60s

Arrival Time: 0850

Well Depth: 39 feet

Well Diameter: 4 inches

Depth to Water: 32.09 feet

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
	32.37							
5	32.37	140	0.28	12.76	172.10	5.52	115.9	2.81
10	32.39	280	0.31	12.34	171.11	5.51	119.1	2.77
15	32.57	280	0.25	12.61	165.44	5.50	126.8	2.83
20	32.69	300	0.28	12.76	160.75	5.53	130.1	2.94
25	32.80	300	0.36	12.78	157.47	5.56	132.8	2.93
30	32.92	280	0.38	12.85	156.25	5.57	136.1	2.91

Sampling Time: 0955

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-7

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-19-23

Weather: Sunny/Low 50s

Arrival Time: 0920

Well Depth: 44 feet

Well Diameter: 4 inches

Depth to Water: 15.48 feet

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
	<u>15.71</u>		<u>4.12</u>					
<u>5</u>	<u>15.84</u>	<u>340</u>	<u>4.15</u>	<u>11.39</u>	<u>161.68</u>	<u>5.80</u>	<u>145.2</u>	<u>0.00</u>
<u>10</u>	<u>15.95</u>	<u>320</u>	<u>4.09</u>	<u>11.41</u>	<u>160.00</u>	<u>5.75</u>	<u>137.3</u>	<u>0.00</u>
<u>15</u>	<u>16.05</u>	<u>300</u>	<u>4.07</u>	<u>11.40</u>	<u>159.04</u>	<u>5.75</u>	<u>132.8</u>	<u>0.00</u>
<u>20</u>	<u>16.13</u>	<u>300</u>	<u>4.05</u>	<u>11.42</u>	<u>158.38</u>	<u>5.76</u>	<u>131.0</u>	<u>0.00</u>

Sampling Time: 1005

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-9

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-19-23

Weather: Sunny / mid 50s

Arrival Time: 1115

Well Depth: 29 feet

Well Diameter: 4 inches

Depth to Water: 23.98 feet

24.20

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	24.30	360	0.17	13.19	887.81	6.92	-231.4	0.00
10	24.58	360	0.10	12.86	865.21	6.85	-229.5	0.00
15	24.89	440	0.02	12.75	645.46	6.48	-164.8	0.00
20	25.07	300	0.03	12.88	509.05	6.38	-145.2	0.00
25	25.25	120	0.04	13.03	492.64	6.44	-155.6	0.00
30	25.38	320	0.10	13.19	506.08	6.51	-167.7	0.00
35	25.55	340	0.21	13.10	516.00	6.56	-170.4	0.00
40	25.76	340	0.33	13.13	497.94	6.55	-169.7	0.00
45	25.83	360	0.31	13.25	585.53	6.67	-186.4	0.00
50	25.99	320	0.39	13.20	531.34	6.61	-177.1	0.00
55	26.11	260	0.36	13.39	561.56	6.65	-183.7	0.00
60	26.25	360	0.32	13.35	592.45	6.69	-191.3	0.00

Sampling Time: 1225

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-10

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-20-23

Weather: Sunny/mid 60s

Arrival Time 1025

Well Depth: 200 feet

Well Diameter: 6 inches

Depth to Water: 20.40 feet

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
	<u>20.67</u>							
5	300 → 20.87	20.87	0.08	12.45	643.77	6.69	-206.2	4.90
10	21.03	21.03	0.04	12.44	624.87	6.67	-206.1	3.12
15	21.14	³²⁰ 340	0.02	12.44	613.44	6.69	-207.6	3.21
20	21.14 21.23	360	0.02	12.47	605.71	6.71	-209.6	3.16
25	21.29	360	0.01	12.44	599.82	6.74	-211.6	2.65

Sampling Time: 1105

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-16

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-20-23

Weather: Sunny / High 70s

Arrival Time: 1240

Well Depth: 120 feet

Well Diameter: 6 inches

Depth to Water: 40.11 feet

40.24

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	40.18	240	0.12	14.13	832.81	5.62	-71.6	2.69
10	40.18	220	0.11	13.99	830.08	5.65	-83.3	2.67
15	40.18	180	0.09	14.18	835.38	5.66	-88.7	2.75
20	40.18	180	0.07	14.13	839.76	5.67	-92.7	2.66

Sampling Time: 1315

Notes: _____

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-17

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-19-23

Weather: Sunny/Windy/High 50s

Arrival Time: 1310

Well Depth: 50 feet

Well Diameter: 4 inches

Depth to Water: 42.89 feet

43.27

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	43.45	180	0.10	14.35	304.30	5.43	-106.5	0.00
10	43.54	140	0.10	14.76	303.57	5.48	-115.9	0.00
15	43.63	140	0.08	14.85	301.78	5.56	-124.4	0.00
20	43.69	140	0.09	15.50	299.17	5.62	-129.1	0.00
25	43.72	100	0.09	16.11	296.54	5.63	-130.8	0.00

Sampling Time: 1400

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-19

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-19-23

Weather: Sunny/mid 50s

Arrival Time 1010

Well Depth: 16 feet

Well Diameter: 4 inches

Depth to Water: 6.56 feet

6.67

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	6.67	500	0.03	11.55	598.73	5.92	59.7	0.00
10	6.63	320	0.03	12.17	598.99	5.95	49.6	0.00
15	6.63	340	0.01	12.06	601.96	5.96	36.2	0.00
20	6.63	340	0.01	12.08	605.38	5.96	30.4	0.00
25	6.63	340	0.00	12.04	609.41	5.96	21.9	0.00
30	6.63	360	0.00	12.01	608.86	5.96	17.6	0.00
35	6.63	380	0.00	12.00	613.73	5.97	11.9	0.00

Sampling Time: 1100

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-21D

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-20-23

Weather: Sunny/High 70s

Arrival Time 1330

Well Depth: 100 feet

Well Diameter: 6 inches

Depth to Water: 29.93 feet

30.17

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	30.58	420	1.84	14.52	1149.3	6.11	13.3	12.98
10	30.87	340	1.93	14.11	1139.6	6.08	41.0	14.57
15	31.10	340	1.99	14.07	1141.4	6.07	55.6	16.68
20	31.33	320	2.14	14.04	1148.9	6.04	65.7	16.40
25	31.56	360	2.31	14.06	1158.9	5.99	73.3	18.11
30	31.71	320	2.45	14.09	1168.9	5.96	78.3	18.69
35	31.89	360	2.66	14.09	1183.4	5.90	83.0	21.39
40	32.05	320	2.80	14.17	1196.1	5.87	86.5	21.86
45	32.19	340	2.90	14.19	1209.4	5.84	89.4	24.70
50	32.35	320	2.99	14.21	1218.7	5.81	92.0	27.70
55	32.49	340	3.02	14.11	1225.0	5.80	94.1	28.92
60	32.62	360	3.08	14.09	1234.6	5.78	96.1	31.33

Sampling Time: 1445

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-22

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-20-23

Weather: Mostly Sunny/High 50s

Arrival Time 0920

Well Depth: 200 feet

Well Diameter: 4 inches

Depth to Water: 30.31 feet

30.94

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	31.03	180	0.45	13.79	748.19	7.90	-197.7	0.00
10	31.15	280	0.22	13.55	735.59	7.95	-244.7	0.00
15	31.37	280	0.11	13.61	723.72	7.99	-244.1	0.00
20	31.53	280	0.07	13.59	714.21	8.01	-242.8	0.00

Sampling Time: 1000

Notes: _____

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-23

Location: Parkton, MD

Personnel: LR/BZ/TR

Date: 4-21-23

Weather: Mostly Sunny/low 60s

Arrival Time 1000

Well Depth: 200 feet

Well Diameter: 6 inches

Depth to Water: 12.99 feet

13.23

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	13.27	140	1.03	12.33	1312.6	7.08	-226.4	134.60
10	13.31	320	0.73	12.25 12.05	1310.8	7.11	-233.6	130.57
15	13.38	260	0.51	12.27	1316.3	7.13	-240.2	28.41
20	13.39	280	0.44	12.38	1320.4	7.14	-242.5	27.75
25	13.41	300	0.36	12.46	1321.3	7.15	-244.4	46.57
30	13.43	280	0.29	12.43	1320.2	7.16	-246.6	70.16
35	13.43	280	0.24	12.47	1321.3	7.16	-248.6	114.41
40	13.43	280	0.17	12.42	1319.7	7.16	-252.7	45.18
45	13.43	280	0.13	12.42	1319.2	7.16	-253.6	54.68
50	13.43	280	0.13	12.58	1318.5	7.16	-255.1	69.30
55	13.44	280	0.09	12.51	1314.3	7.17	-257.1	78.83
60	13.44	300	0.07	12.53	1313.3	7.17	-257.7	91.22

Sampling Time: 1110

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-24D

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-17-23

Weather: Mostly/Sunny/mid 50s

Arrival Time 0930

Well Depth: 200 feet

Well Diameter: 8 inches

Depth to Water: 24.58 feet

24.69

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	24.74	360	5.29	13.16	70.61	5.35	193.7	3.57
10	24.76	380	5.22	13.14	70.06	5.37	183.6	3.55
15	24.79	340	5.18	13.14	69.30	5.38	181.8	3.53
20	24.81	360	5.15	13.16	68.46	5.41	178.9	3.51

Sampling Time: 1015

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: mw-245

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-17-23

Weather: Mostly Sunny/Mid 50s

Arrival Time 1020

Well Depth: 50 feet

Well Diameter: 4 inches

Depth to Water: 25.62 feet

25.97

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	25.76	220	3.09	13.43	95.43	5.99	171.1	3.55
10	25.75	240	3.10	13.47	95.54	6.00	164.7	3.56
15	25.75	240	3.18	13.56	92.56	6.02	158.8	3.57
20	25.75	240	3.23	13.56	91.48	6.05	154.0	3.60
25	25.75	240	3.70	13.62	88.04	6.07	151.0	3.59
30	25.76	260	4.41	13.60	82.67	6.08	147.7	3.55
35	25.77	280	4.85	13.57	79.41	6.09	145.1	3.58
40	25.78	300	5.20	13.58	76.96	6.10	142.6	3.54
45	25.78	280	5.33	13.57	75.83	6.11	141.0	3.58
50	^{25.79} 25.79	280	5.39	13.55	75.38	6.11	139.8	3.58

Sampling Time: 1115

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-25D

Location: Parkton, MD

Personnel: Laura Russell/Tom Reedy/ Brooke Zibell

Date: 4-17-23

Weather: mostly sunny

Arrival Time: 1215

Well Depth: 200 feet

Well Diameter: 10 inches

Depth to Water: 29.18 feet

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
	<u>29.42</u>							
5	29.60	280	0.13	14.11	787	6.71	-224.2	22.08
10	29.71	260	0.10	13.94	770.89	6.66	-215.7	5.69
15	29.82	280	0.07	13.78	763.72	6.66	-213.0	3.97
20	30.01	280	0.05	13.78	758.67	6.67	-211.1	3.68

Sampling Time: 1250

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-27D

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-18-23

Weather: Partly Cloudy/Windy/Mid 50s

Arrival Time: 1120

Well Depth: 200 feet

Well Diameter: 8 inches

Depth to Water: 17.73 feet

17.87

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	17.96	240	3.46	13.11	252.94	6.36	49.3	107.05
10	18.03	260	2.43	13.18	253.65	6.39	-0.1	27.69
15	18.06	200	2.01	13.18	254.23	6.40	-18.1	10.64
20	18.09	180	1.90	13.21	254.02	6.42	-29.1	2.53
25	18.12	180	2.00	13.35	253.45	6.42	-33.3	1.98
30	18.14	180	2.13	13.31	252.27	6.43	-35.5	2.72

Sampling Time: 1200

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-275

Location: Parkton, MD

Personnel: LR/BZ/TR

Date: 4-18-23

Weather: Mostly Sunny/Windy/Mid 50s

Arrival Time: 1040

Well Depth: 45 feet

Well Diameter: 4 inches

Depth to Water: 20.04 feet

20.71

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	21.05	280	4.00	13.01	339.18	6.47	105.9	1.53
10	21.26	280	3.96	13.11	337.11	6.47	90.9	1.55
15	21.42	280	3.94	13.13	335.06	6.49	83.6	1.85
20	21.56	300	3.80	13.16	331.83	6.48	80.7	1.91
25	21.65	280	3.84	13.15	331.43	6.49	78.5	1.78

Sampling Time: 1115

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-28D

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-18-23

Weather: Mostly Sunny/Windy
High 50s

Arrival Time 1345

Well Depth: 200 feet

Well Diameter: 8 inches

Depth to Water: 20.73 feet

20.88

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	20.95	440	0.06	12.59	566.85	6.60	-239.2	2.81
10	20.97	340	0.04	12.68	551.98	6.56	-240.1	1.92
15	20.98	340	0.02	12.68	544.54	6.58	-245.3	2.07
20	20.98	340	0.01	12.64	538.89	6.59	-250.4	2.49
25	20.99	340	0.00	12.57	531.67	6.59	-251.5	3.19

Sampling Time: 1420

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: MW-285

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-18-23

Weather: Mostly/Sunny-Windy Mid 50s

Arrival Time 1250

Well Depth: 40 feet

Well Diameter: 4 inches

Depth to Water: 20.15 feet

20.66

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
5	20.93	260	3.14	12.97	144.95	5.15	141.6	0.14
10	21.18	320	2.97	12.95	145.55	5.11	150.8	0.07
15	21.37	320	3.12	13.00	145.48	5.12	153.9	0.09
20	21.50	280	3.36	13.01	145.74	5.17	154.4	0.08
25	21.55	280	3.60	13.02	145.96	5.21	154.1	0.02
30	21.61	280	3.54	12.95	146.17	5.24	154.3	0.00

Sampling Time: 1340

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: SW-1

Location: Parkton, MD

Personnel: LR/TR/BZ
~~mostly cloudy low 50s~~

Date: 4-24-23

Weather: mostly cloudy low 50s

Arrival Time: 1150

Well Depth: NA feet

Well Diameter: NA inches

Depth to Water: NA feet

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
<u>1200</u>				<u>11.9</u>	<u>393</u>	<u>6.09</u>		<u>1.89</u>

Sampling Time: 1200

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: T-1

Location: Parkbn, MD

Personnel: LR/TR/BZ

Date: 4-24-23

Weather: Most Cloudy / Low SO2

Arrival Time 1125

Well Depth: NA feet

Well Diameter: NA inches

Depth to Water: NA feet

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1135				12.0	225	6.60		2.54

Sampling Time: 1135

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: Par PSL

Well ID: SW-2

Location: Parkton, MD

Personnel: LR/JP/BZ

Date: 4-24-23

Weather: mostly cloudy/High 40s

Arrival Time 1100

Well Depth: NA feet

Well Diameter: NA inches

Depth to Water: NA feet

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
1110					2	12.1		1108
1110				12.1	0.08	6.64		

LR

Sampling Time: 1110

Notes:

Baltimore County Bureau of Solid Waste Management

Sampling Log

Landfill Name: PSL

Well ID: T-2

Location: Parkton, MD

Personnel: LR/BZ/TR

Date: 4-24-23

Weather: Mostly Cloudy/High 40s

Arrival Time 1040

Well Depth: NA feet

Well Diameter: NA inches

Depth to Water: NA feet

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
<u>1045</u>				<u>12.0</u>	<u>325</u>	<u>7.08</u>		<u>0.85</u>

Sampling Time: 1045

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: SW-3

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: 4-24-23

Weather: Mostly cloudy/High 40s

Arrival Time 1025

Well Depth: NA feet

Well Diameter: NA inches

Depth to Water: NA feet

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
<u>1030</u>				<u>12.4</u>	<u>315</u>	<u>6.78</u>		<u>2.77</u>

Sampling Time: 1030

Notes:

Baltimore County Bureau of Solid Waste Management
Sampling Log

Landfill Name: PSL

Well ID: T-3

Location: Parkton, MD

Personnel: LR/TR/BZ

Date: ~~0950~~ 4-24-23

Weather: Mostly Cloudy/High 40s

Arrival Time 0950

Well Depth: NA feet

Well Diameter: NA inches

Depth to Water: NA feet

Time	Water Level (feet)	Pumping Rate (ml/min)	DO (mg/l)	Temp. (°C)	Specific Conductance (µS/cm)	pH	ORP (mV)	Turbidity (NTU)
<u>0955</u>				<u>12.0</u>	<u>354</u>	<u>6.89</u>		<u>1.50</u>
					<u>363</u>			

Sampling Time: 0955

Notes:

**Baltimore County Bureau of Solid Waste Management
Instrument Calibration Form**

Aqua TROLL 600 Daily Calibration	
Date/Time: 4-17-23/0900	Sampler: Laura Russell
Instrument Serial Number: 867232	

pH Calibration

pH Standard	Pre Measurement	Post Measurement
4.00	3.99	4.00
7.02	7.10	7.02
10.05	9.99	10.05

	<u>Slope</u>	<u>Offset</u>
Slope and Offset 1	-58.13	1.2mV
Slope and Offset 2	-53.83	1.2mV

Conductivity Calibration

Standard	Pre Measurement	Post Measurement
1409 μ S/cm	1401.3	1409.0

Turbidity Calibration

Standard	Pre Measurement	Post Measurement
10 NTU	6.15	10.00
100 NTU	107.63	100.00

	<u>Slope</u>	<u>Offset</u>
Slope and Offset	0.827	4.87

ORP Calibration

ORP Solution	Pre Measurement	Post Measurement	Offset (mV)
Zobell's	194.7mV	234.2mV	-39.0

Dissolved Oxygen Calibration

Standard	Pre Measurement	Post Measurement
100% Air Saturation	100.28	100.00

Note: Barometric Pressure standard is 760 mmHg

Notes:

**Baltimore County Bureau of Solid Waste Management
Instrument Calibration Form**

Aqua TROLL 600 Daily Calibration
Date/Time: <u>4-18-23/0922</u> Sampler: <u>Laura Russell</u>
Instrument Serial Number: 867232

pH Calibration

pH Standard	Pre Measurement	Post Measurement
4.00	<u>4.00</u>	<u>4.00</u>
7.02	<u>7.02</u>	<u>7.02</u>
10.05	<u>10.11</u>	<u>10.05</u>

	<u>Slope</u>	<u>Offset</u>
Slope and Offset 1	<u>-57.57</u>	<u>1.2mV</u>
Slope and Offset 2	<u>-54.53</u>	<u>1.1mV</u>

Conductivity Calibration

Standard	Pre Measurement	Post Measurement
1409 μ S/cm	<u>1327.6</u>	<u>1409.0</u>

Turbidity Calibration

Standard	Pre Measurement	Post Measurement
10 NTU	<u>11.24</u>	<u>10.00</u>
100 NTU	<u>89.91</u>	<u>100.00</u>

	<u>Slope</u>	<u>Offset</u>
Slope and Offset	<u>0.952</u>	<u>1.88</u>

ORP Calibration

ORP Solution	Pre Measurement	Post Measurement	Offset (mV)
Zobell's <u>220mV</u>	<u>227.0</u>	<u>220.0</u>	<u>-96.4</u>

Dissolved Oxygen Calibration

Standard	Pre Measurement	Post Measurement
100% Air Saturation	<u>98.60%</u>	<u>100.00%</u>

Note: Barometric Pressure standard is 760 mmHg

Notes:

**Baltimore County Bureau of Solid Waste Management
Instrument Calibration Form**

Aqua TROLL 600 Daily Calibration
Date/Time: 4-19-23 0758 Sampler: TR
Instrument Serial Number: 867232

pH Calibration

pH Standard	Pre Measurement	Post Measurement
4.00	4.06	4.00
7.02	7.03	7.02
10.05	10.02	10.05

	<u>Slope</u>	<u>Offset</u>
Slope and Offset 1	-56.31	0.8 mV
Slope and Offset 2	-53.59	0.8 mV

Conductivity Calibration

Standard	Pre Measurement	Post Measurement
1409 μ S/cm	1127.5	1409.0

Turbidity Calibration

Standard	Pre Measurement	Post Measurement
10 NTU	24.06	10.00
100 NTU	119.28	100.00

	<u>Slope</u>	<u>Offset</u>
Slope and Offset	0.9878	-21.86

ORP Calibration

ORP Solution	Pre Measurement	Post Measurement	Offset (mV)
Zobell's 220 mV	207.8 202.5	220.0	-103.7

Dissolved Oxygen Calibration

Standard	Pre Measurement	Post Measurement
100% Air Saturation	112.41	100.00

Note: Barometric Pressure standard is 760 mmHg

Notes:

**Baltimore County Bureau of Solid Waste Management
Instrument Calibration Form**

Aqua TROLL 600 Daily Calibration
Date/Time: <u>4-20-23 0753</u> Sampler: <u>TR</u>
Instrument Serial Number: 867232

pH Calibration

pH Standard	Pre Measurement	Post Measurement
4.00	<u>3.97</u>	<u>4.00</u>
7.02	<u>7.02</u>	<u>7.02</u>
10.05	<u>10.20</u>	<u>10.05</u>

	<u>Slope</u>	<u>Offset</u>
Slope and Offset 1	<u>-57.02</u>	<u>1.1 mV</u>
Slope and Offset 2	<u>-56.57</u>	<u>1.1 mV</u>

Conductivity Calibration

Standard	Pre Measurement	Post Measurement
1409 μ S/cm	<u>1712.5</u>	<u>1409.0</u>

Turbidity Calibration

Standard	Pre Measurement	Post Measurement
10 NTU	<u>16.08</u>	<u>10.00</u>
100 NTU	<u>73.84</u>	<u>100.00</u>

	<u>Slope</u>	<u>Offset</u>
Slope and Offset	<u>0.8458</u>	<u>-9.08</u>

ORP Calibration

ORP Solution	Pre Measurement	Post Measurement	Offset (mV)
Zobell's <u>220 mV</u>	<u>202.6</u>	<u>220.0</u>	<u>-88.3</u>

Dissolved Oxygen Calibration

Standard	Pre Measurement	Post Measurement
100% Air Saturation	<u>90.59 %</u>	<u>100.00 %</u>

Note: Barometric Pressure standard is 760 mmHg

Notes:

Turbidity measured 0.00 NTU for sample MW-22, therefore turbidity was recalibrated

<u>Std.</u>	<u>Pre Measure</u>	<u>Post Measure</u>	<u>Slope</u>	<u>0.945</u>
<u>10 NTU</u>	<u>0.00</u>	<u>10.00</u>	<u>Offset</u>	<u>3.99 NTU</u>
<u>100 NTU</u>	<u>76.79</u>	<u>100.00</u>		

Recalibration was successful and turbidity was measured for MW-10

**Baltimore County Bureau of Solid Waste Management
Instrument Calibration Form**

Aqua TROLL 600 Daily Calibration
Date/Time: 4-21-23 0753 Sampler: TR
Instrument Serial Number: 867232

pH Calibration

pH Standard	Pre Measurement	Post Measurement
4.00	3.99	4.00
7.02	7.01	7.02
10.05	10.05	10.05

	Slope	Offset
Slope and Offset 1	-57.05	1.9 mV
Slope and Offset 2	-56.92	1.9 mV

Conductivity Calibration

Standard	Pre Measurement	Post Measurement
1409 μ S/cm	1219.4	1409.0

Turbidity Calibration

Standard	Pre Measurement	Post Measurement
10 NTU	12.11	10.00
100 NTU	104.13	100.00

	Slope	Offset
Slope and Offset	1.05975	0.00

ORP Calibration

ORP Solution	Pre Measurement	Post Measurement	Offset (mV)
Zobell's 220 _{mV}	222.0	220.0	-89.5

Dissolved Oxygen Calibration

Standard	Pre Measurement	Post Measurement
100% Air Saturation	100.29 %	100.00 %

Note: Barometric Pressure standard is 760 mmHg

Notes:

Recalibrated turbidity

Laura Russell

Std.	Pre Measure	Post Measure
------	-------------	--------------

10 NTU	0.00	10.00
--------	------	-------

100 NTU	94.90	100.00
---------	-------	--------

slope = 0.9399

offset 4.34 NTU

Baltimore County Department of Public Works & Transportation

Bureau of Solid Waste Management, Division of Engineering & Compliance

pH Meter Calibration Log

Date	Time	Temp. (°C)	Calibrant	Initial	Adjusted	Notes
1/12/23	0921	19.2	4.00	4.00	4.00	January Sluice Gate Slope: -58.6
	0934	19.3	7.00	7.02	7.00	
2/13/23	0948	17.6	4.00	4.00	4.00	February Sluice Gate Slope: -58.1
	0952	17.5	7.00	7.03	7.00	
3-6-23	0914	18.5	4.00	4.00	4.00	March Sluice Gate Slope: -57.8
	0918	18.6	7.00	7.02	7.00	
3-7-23	0854	18.8	4.00	4.00	4.00	March HSL 001 Slope: -58.2
	0857	18.9	7.00	7.02	7.00	
4-12-23	0804	20.8	4.00	4.00	4.00	April HSL 001/PSL Leachate, Slope: -58.5 ESL Sluice
	0808	20.7	7.00	7.02	7.00	
4-24-23	0812	18.4	4.00	4.00	4.00	PSL Surface Water Slope: -57.5
	0813	18.5	7.00	7.02	7.02	
						Slope:
						Slope:
						Slope:
						Slope:
						Slope:
						Slope:
						Slope:
						Slope:
						Slope:
						Slope:
						Slope:

LR

APPENDIX C

Field Logs for Landfill Gas Monitoring

Baltimore County Bureau of Solid Waste Management
Landfill Gas Monitoring
Field Log

Landfill Name: PARKTON Date: 2-21-23

Location: 820 Starbloss Church Rd Time: 0800 - 1521

Weather: Foggy EARLY, MID, QUICK, heavy RAIN Wind: W 5-10 mph

Barometric Pressure: 28.84 - 29.23 Temperature: high 40's

Personnel: TR, LR Activity: 1st QTR LFG EVENT - START

Instrument Calibration

Model: GA5000 #8450 Date: 2-21-23 Time: 0732

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted
14.9	-	15.0	-	20.9	-

Model: _____ Date: _____ Time: _____

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted

Model: _____ Date: _____ Time: _____

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted

Summary: _____

Baltimore County Bureau of Solid Waste Management
Landfill Gas Monitoring
Field Log

Landfill Name: PARKTON Date: 2.23.23

Location: 800 STABHANS Church RD Time: 0730-1120

Weather: PT cloudy, MLD Wind: S-5-10 mph

Barometric Pressure: 29.21-29.31 Temperature: Lo 40's AT START, N EAR 70 AT FINISH

Personnel: TK, ~~TK~~ Activity: FINISH 1st QTR LFG EVENT

Instrument Calibration

Model: GA5000 #8460 Date: 2.23.23 Time: 0733

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted
14.8	-	15.0	-	20.8	-

Model: _____ Date: _____ Time: _____

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted

Model: _____ Date: _____ Time: _____

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted

Summary: NO READING AT PROBE HC-1 - WATER IN PROBE

Baltimore County Bureau of Solid Waste Management
Landfill Gas Monitoring
Field Log

Landfill Name: PARKTON Date: 3-21-23

Location: 800 STABLER'S CHURCH RD Time: 0810-0825

Weather: COOL, CLEAR Wind: CALM

Barometric Pressure: 29.65-29.75 Temperature: LOW 30'S

Personnel: TR Activity: FOLLOW UP MONITORING @ CELL 3

Instrument Calibration

Model: GA5000 #8450 Date: _____ Time: 0855

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted
<u>14.9</u>	<u>-</u>	<u>15.1</u>	<u>-</u>	<u>20.8</u>	<u>-</u>

Model: _____ Date: _____ Time: _____

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted

Model: _____ Date: _____ Time: _____

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted

Summary: _____

Baltimore County Bureau of Solid Waste Management
Landfill Gas Monitoring
Field Log

Landfill Name: PARKTON Date: 5-26-2023

Location: 800 STABLER'S Church Rd Time: 7:30AM - 12 NOON

Weather: Sunny, clear Wind: CALM

Barometric Pressure: 29.43 - 29.62 Temperature: Low 50's TO High 60's

Personnel: TR Activity: 2ND QUARTER-2023 MONITORING

Instrument Calibration

Model: GA-5000 #4950 Date: 5-26-2023 Time: 0733

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted
14.9	-	15.1	-	20.9	-

Model: _____ Date: _____ Time: _____

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted

Model: _____ Date: _____ Time: _____

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted

Summary: A203 SOLAR FLARE NOT RUNNING - NEEDS NEW BLOWER

Baltimore County Bureau of Solid Waste Management
Landfill Gas Monitoring
Field Log

Landfill Name: PARKTON Date: 6-1-2023

Location: 8W STABLER'S Church Rd. Time: 0800 - 1345

Weather: WARM CLEAR Wind: 0-5 S

Barometric Pressure: 29.36 - 29.56 Temperature: Low 60's

Personnel: TR Activity: FINISH 2ND QTR LEG EVENT

Instrument Calibration

Model: _____ Date: 6-1-2023 Time: 0748

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted
14.9	-	15.0	-	20.9	-

Model: _____ Date: _____ Time: _____

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted

Model: _____ Date: _____ Time: _____

CH ₄ (15%)		CO ₂ (15%)		Air (O ₂)	
Initial	Adjusted	Initial	Adjusted	Initial	Adjusted

Summary: _____

APPENDIX D

Analytical Laboratory Reports and Sample Chain of Custody Records



301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For Maryland Environmental Services - Landfills

Report ID [240822 on 4/30/2023](#)

Certificate of Analysis

Project Name:	Parkton Sanitary Landfill	Workorder:	3298304
Purchase Order:	MA 3680	Workorder ID:	Parkton Sanitary Landfill

Enclosed are the analytical results for samples received by the laboratory on Monday, April 17, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact George Methlie (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements.

The test results meet requirements of the current NELAP standards or state requirements, where applicable.

For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s): Maryland Services-ENVOPS - Maryland Environmental Services - Landfills Cheryl Griffin - Maryland Environmental Services Jessica Cox - Maryland Environmental Services Maryland Services-LF Data - Maryland Environmental Services

George Methlie
Project Coordinator

(ALS Digital Signature)

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3298304001	Trip Blank	Water	04/17/2023 00:00	04/17/2023 14:00	CBC	Collected By Client
3298304002	Field Blank	Water	04/17/2023 09:55	04/17/2023 14:00	CBC	Collected By Client
3298304003	MW-24D	Water	04/17/2023 10:15	04/17/2023 14:00	CBC	Collected By Client
3298304004	MW-24S	Water	04/17/2023 11:15	04/17/2023 14:00	CBC	Collected By Client
3298304005	MW-25D	Water	04/17/2023 12:50	04/17/2023 14:00	CBC	Collected By Client
3298304006	MW-25S	Water	04/17/2023 13:25	04/17/2023 14:00	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136.
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Parkton Sanitary Landfill
Workorder 3298304

Project Notations

Sample Notations

Lab ID **Sample ID**

Result Notations

Notation Ref.

- | | |
|---|---|
| 1 | The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO ₃ /L. |
| 2 | This sample result was calculated and reported using Method SM2340B-2011. |
| 3 | The QC type LLICV for method SW846 6020A was outside the control limits for the analyte Se. The % RSD was reported as 21.6 and the control limits were 0 to 20. |



Detected Results Summary

Client Sample ID	Trip Blank	Collected	04/17/2023 00:00
Lab Sample ID	3298304001	Lab Receipt	04/17/2023 14:00

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>MDL</u>	<u>Method</u>	<u>Flag</u>
VOLATILE ORGANICS						
Bromomethane	0.73J	ug/L	1.0	0.39	SW846 8260C	#



Detected Results Summary

Client Sample ID	Field Blank	Collected	04/17/2023 09:55
Lab Sample ID	3298304002	Lab Receipt	04/17/2023 14:00

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>MDL</u>	<u>Method</u>	<u>Flag</u>
METALS						
Calcium, Total	0.062J	mg/L	0.11	0.037	SW846 6020A	#
Hardness	0.19	mg/L			SW846 6020A	#
Sodium, Total	0.28	mg/L	0.11	0.037	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.72J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Ammonia-N	0.019	mg/L	0.010	0.003	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	10J	mg/L	15	5	EPA 410.4	#



Detected Results Summary

Client Sample ID	MW-24D	Collected	04/17/2023 10:15
Lab Sample ID	3298304003	Lab Receipt	04/17/2023 14:00

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Calcium, Total	7.3	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0012J	mg/L	0.0022	0.00074	SW846 6020A	#
Copper, Total	0.0037J	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	29.7	mg/L			SW846 6020A	#
Iron, Total	0.024J	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	2.8	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.012	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	0.60	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	3.3	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Total	0.0041J	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.71J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	32	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.190	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	10J	mg/L	15	5	EPA 410.4	#
Chloride	1.7J	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	0.49J	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	4.6	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	56	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-24S	Collected	04/17/2023 11:15
Lab Sample ID	3298304004	Lab Receipt	04/17/2023 14:00

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Calcium, Total	8.1	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0012J	mg/L	0.0022	0.00074	SW846 6020A	#
Hardness	32.9	mg/L			SW846 6020A	#
Magnesium, Total	3.1	mg/L	0.11	0.037	SW846 6020A	#
Potassium, Total	0.62	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	5.1	mg/L	0.11	0.037	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.70J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	40	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.120	mg/L	0.100	0.03	ASTM D6919-17	#
Chloride	1.7J	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	0.28J	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	2.0	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	65	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-25D	Collected	04/17/2023 12:50
Lab Sample ID	3298304005	Lab Receipt	04/17/2023 14:00

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.012	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	51.9	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0010J	mg/L	0.0022	0.00074	SW846 6020A	#
Hardness	191	mg/L			SW846 6020A	#
Iron, Total	13.7	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	14.8	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.42	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	2.0	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	92.2	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Total	0.0023J	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
cis-1,2-Dichloroethene	0.59J	ug/L	1.0	0.32	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	109	mg/L	5	5	SM2320B-2011	#
Chemical Oxygen Demand (COD)	76	mg/L	15	5	EPA 410.4	#
Chloride	194	mg/L	2.0	1.5	EPA 300.0	#
Sulfate	4.3	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	490	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID MW-25S Collected 04/17/2023 13:25
 Lab Sample ID 3298304006 Lab Receipt 04/17/2023 14:00

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	1.6	mg/L	0.0056	0.0019	SW846 6020A	#
Cadmium, Total	0.00095J	mg/L	0.0011	0.00037	SW846 6020A	#
Calcium, Total	378	mg/L	11.0	3.7	SW846 6020A	#
Chromium, Total	0.0046	mg/L	0.0022	0.00074	SW846 6020A	#
Copper, Total	0.0025J	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	1600	mg/L			SW846 6020A	#
Iron, Total	0.078	mg/L	0.056	0.019	SW846 6020A	#
Lead, Total	0.00093J	mg/L	0.0022	0.00074	SW846 6020A	#
Magnesium, Total	160	mg/L	11.0	3.7	SW846 6020A	#
Manganese, Total	0.23	mg/L	0.0056	0.0019	SW846 6020A	#
Mercury, Total	0.00020J	mg/L	0.00050	0.00017	SW846 7470A	#
Nickel, Total	0.018	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	5.7	mg/L	0.11	0.037	SW846 6020A	#
Silver, Total	0.011	mg/L	0.0022	0.00074	SW846 6020A	#
Sodium, Total	253	mg/L	11.0	3.7	SW846 6020A	#
Zinc, Total	0.050	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.67J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	25	mg/L	5	5	SM2320B-2011	#
Chemical Oxygen Demand (COD)	72	mg/L	15	5	EPA 410.4	#
Chloride	1480	mg/L	25.0	18.8	EPA 300.0	#
Nitrate-N	1.6J	mg/L	2.5	0.55	EPA 300.0	#
Sulfate	4.4J	mg/L	5.0	3.9	EPA 300.0	#
Total Dissolved Solids	3190	mg/L	25	25	SM2540C-15	#



Results

Client Sample ID	Trip Blank	Collected	04/17/2023 00:00
Lab Sample ID	3298304001	Lab Receipt	04/17/2023 14:00

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/21/2023 04:24	EGO	
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0094	SW846 8011	1	04/21/2023 04:24	EGO	
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 01:02	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 01:02	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	04/26/2023 01:02	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	04/26/2023 01:02	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	04/26/2023 01:02	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	04/26/2023 01:02	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	04/26/2023 01:02	PDK	C
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 01:02	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 01:02	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 01:02	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	04/26/2023 01:02	PDK	C
Bromomethane	0.73J	J	ug/L	1.0	0.39	SW846 8260C	1	04/26/2023 01:02	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 01:02	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 01:02	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	04/26/2023 01:02	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 01:02	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:02	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	04/26/2023 01:02	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 01:02	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 01:02	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 01:02	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 01:02	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 01:02	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:02	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 01:02	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	04/26/2023 01:02	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:02	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 01:02	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	04/26/2023 01:02	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:02	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 01:02	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 01:02	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 01:02	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	04/26/2023 01:02	PDK	C



Results

Client Sample ID	Trip Blank	Collected	04/17/2023 00:00
Lab Sample ID	3298304001	Lab Receipt	04/17/2023 14:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	04/26/2023 01:02	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 01:02	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	04/26/2023 01:02	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:02	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 01:02	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	04/26/2023 01:02	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	04/26/2023 01:02	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	100%	62 - 133	04/26/2023 01:02	
1-Chloro-2-Fluorobenzene	348-51-6	93.7%	70 - 130	04/21/2023 04:24	
4-Bromofluorobenzene	460-00-4	107%	79 - 114	04/26/2023 01:02	
Dibromofluoromethane	1868-53-7	99.5%	78 - 116	04/26/2023 01:02	
Toluene-d8	2037-26-5	103%	76 - 127	04/26/2023 01:02	



Results

Client Sample ID	Field Blank	Collected	04/17/2023 09:55
Lab Sample ID	3298304002	Lab Receipt	04/17/2023 14:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Barium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Calcium, Total	0.062J	J	mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Chromium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Hardness	0.19	2	mg/L			SW846 6020A	1	04/25/2023 18:27	RMD	G1
Iron, Total	ND	ND	mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Magnesium, Total	ND	ND	mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Manganese, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/19/2023 13:15	WDA	G
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Potassium, Total	ND	ND	mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Selenium, Total	ND	ND,3	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Sodium, Total	0.28		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:27	RMD	G1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:27	RMD	G1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0047	SW846 8011	1	04/21/2023 04:40	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0096	SW846 8011	1	04/21/2023 04:40	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 01:48	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 01:48	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	04/26/2023 01:48	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	04/26/2023 01:48	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	04/26/2023 01:48	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	04/26/2023 01:48	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	04/26/2023 01:48	PDK	C



Results

Client Sample ID	Field Blank	Collected	04/17/2023 09:55
Lab Sample ID	3298304002	Lab Receipt	04/17/2023 14:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 01:48	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 01:48	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 01:48	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	04/26/2023 01:48	PDK	C
Bromomethane	0.72J	J	ug/L	1.0	0.39	SW846 8260C	1	04/26/2023 01:48	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 01:48	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 01:48	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	04/26/2023 01:48	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 01:48	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:48	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	04/26/2023 01:48	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 01:48	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 01:48	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 01:48	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 01:48	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 01:48	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:48	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 01:48	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	04/26/2023 01:48	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:48	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 01:48	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	04/26/2023 01:48	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:48	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 01:48	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 01:48	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 01:48	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	04/26/2023 01:48	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	04/26/2023 01:48	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 01:48	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	04/26/2023 01:48	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 01:48	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 01:48	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	04/26/2023 01:48	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	04/26/2023 01:48	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.7%	62 - 133	04/26/2023 01:48	
1-Chloro-2-Fluorobenzene	348-51-6	98.1%	70 - 130	04/21/2023 04:40	
4-Bromofluorobenzene	460-00-4	108%	79 - 114	04/26/2023 01:48	
Dibromofluoromethane	1868-53-7	98.2%	78 - 116	04/26/2023 01:48	
Toluene-d8	2037-26-5	101%	76 - 127	04/26/2023 01:48	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	Field Blank	Collected	04/17/2023 09:55
Lab Sample ID	3298304002	Lab Receipt	04/17/2023 14:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	ND	ND,1	mg/L	5	5	SM2320B-2011	1	04/25/2023 18:10	NML	E
Ammonia-N	0.019		mg/L	0.010	0.003	ASTM D6919-17	1	04/22/2023 11:39	NML	F
Chemical Oxygen Demand (COD)	10J	J	mg/L	15	5	EPA 410.4	1	04/21/2023 12:37	KMS	F
Chloride	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/18/2023 09:04	J1W	E
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/18/2023 09:04	J1W	E
Sulfate	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/18/2023 09:04	J1W	E
Total Dissolved Solids	ND	ND	mg/L	25	25	SM2540C-15	1	04/20/2023 19:40	GJB	E



Results

Client Sample ID	MW-24D	Collected	04/17/2023 10:15
Lab Sample ID	3298304003	Lab Receipt	04/17/2023 14:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Barium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Calcium, Total	7.3		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Chromium, Total	0.0012J	J	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Copper, Total	0.0037J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Hardness	29.7	2	mg/L			SW846 6020A	1	04/25/2023 18:29	RMD	G1
Iron, Total	0.024J	J	mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Magnesium, Total	2.8		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Manganese, Total	0.012		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/19/2023 13:16	WDA	G
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Potassium, Total	0.60		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Selenium, Total	ND	ND,3	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Sodium, Total	3.3		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:29	RMD	G1
Zinc, Total	0.0041J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:29	RMD	G1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0047	SW846 8011	1	04/21/2023 04:55	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0096	SW846 8011	1	04/21/2023 04:55	EGO	A
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 05:35	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 05:35	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	04/26/2023 05:35	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	04/26/2023 05:35	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	04/26/2023 05:35	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	04/26/2023 05:35	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	04/26/2023 05:35	PDK	C



Results

Client Sample ID	MW-24D	Collected	04/17/2023 10:15
Lab Sample ID	3298304003	Lab Receipt	04/17/2023 14:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 05:35	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 05:35	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 05:35	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	04/26/2023 05:35	PDK	C
Bromomethane	0.71J	J	ug/L	1.0	0.39	SW846 8260C	1	04/26/2023 05:35	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 05:35	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 05:35	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	04/26/2023 05:35	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 05:35	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:35	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	04/26/2023 05:35	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 05:35	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 05:35	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 05:35	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 05:35	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 05:35	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:35	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 05:35	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	04/26/2023 05:35	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:35	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 05:35	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	04/26/2023 05:35	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:35	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 05:35	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 05:35	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 05:35	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	04/26/2023 05:35	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	04/26/2023 05:35	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 05:35	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	04/26/2023 05:35	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:35	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 05:35	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	04/26/2023 05:35	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	04/26/2023 05:35	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 - 133	04/26/2023 05:35	
1-Chloro-2-Fluorobenzene	348-51-6	93%	70 - 130	04/21/2023 04:55	
4-Bromofluorobenzene	460-00-4	112%	79 - 114	04/26/2023 05:35	
Dibromofluoromethane	1868-53-7	101%	78 - 116	04/26/2023 05:35	
Toluene-d8	2037-26-5	102%	76 - 127	04/26/2023 05:35	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-24D	Collected	04/17/2023 10:15
Lab Sample ID	3298304003	Lab Receipt	04/17/2023 14:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	32	1	mg/L	5	5	SM2320B-2011	1	04/25/2023 18:24	NML	E
Ammonia-N	0.190		mg/L	0.100	0.03	ASTM D6919-17	10	04/22/2023 11:25	NML	F
Chemical Oxygen Demand (COD)	10J	J	mg/L	15	5	EPA 410.4	1	04/21/2023 12:37	KMS	F
Chloride	1.7J	J	mg/L	2.0	1.5	EPA 300.0	2	04/18/2023 09:15	J1W	E
Nitrate-N	0.49J	J	mg/L	1.0	0.22	EPA 300.0	2	04/18/2023 09:15	J1W	E
Sulfate	4.6		mg/L	2.0	1.5	EPA 300.0	2	04/18/2023 09:15	J1W	E
Total Dissolved Solids	56		mg/L	25	25	SM2540C-15	1	04/21/2023 18:29	GJB	E



Results

Client Sample ID	MW-24S	Collected	04/17/2023 11:15
Lab Sample ID	3298304004	Lab Receipt	04/17/2023 14:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Barium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Calcium, Total	8.1		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Chromium, Total	0.0012J	J	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Hardness	32.9	2	mg/L			SW846 6020A	1	04/25/2023 18:31	RMD	G1
Iron, Total	ND	ND	mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Magnesium, Total	3.1		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Manganese, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/19/2023 13:17	WDA	G
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Potassium, Total	0.62		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Selenium, Total	ND	ND,3	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Sodium, Total	5.1		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:31	RMD	G1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:31	RMD	G1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0047	SW846 8011	1	04/21/2023 05:26	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0097	SW846 8011	1	04/21/2023 05:26	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 05:58	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 05:58	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	04/26/2023 05:58	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	04/26/2023 05:58	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	04/26/2023 05:58	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	04/26/2023 05:58	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	04/26/2023 05:58	PDK	C



Results

Client Sample ID	MW-24S	Collected	04/17/2023 11:15
Lab Sample ID	3298304004	Lab Receipt	04/17/2023 14:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 05:58	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 05:58	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 05:58	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	04/26/2023 05:58	PDK	C
Bromomethane	0.70J	J	ug/L	1.0	0.39	SW846 8260C	1	04/26/2023 05:58	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 05:58	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 05:58	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	04/26/2023 05:58	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 05:58	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:58	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	04/26/2023 05:58	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 05:58	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 05:58	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 05:58	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 05:58	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 05:58	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:58	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 05:58	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	04/26/2023 05:58	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:58	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 05:58	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	04/26/2023 05:58	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:58	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 05:58	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 05:58	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 05:58	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	04/26/2023 05:58	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	04/26/2023 05:58	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 05:58	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	04/26/2023 05:58	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 05:58	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 05:58	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	04/26/2023 05:58	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	04/26/2023 05:58	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 - 133	04/26/2023 05:58	
1-Chloro-2-Fluorobenzene	348-51-6	95.8%	70 - 130	04/21/2023 05:26	
4-Bromofluorobenzene	460-00-4	108%	79 - 114	04/26/2023 05:58	
Dibromofluoromethane	1868-53-7	101%	78 - 116	04/26/2023 05:58	
Toluene-d8	2037-26-5	100%	76 - 127	04/26/2023 05:58	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-24S	Collected	04/17/2023 11:15
Lab Sample ID	3298304004	Lab Receipt	04/17/2023 14:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	40	1	mg/L	5	5	SM2320B-2011	1	04/25/2023 18:36	NML	E
Ammonia-N	0.120		mg/L	0.100	0.03	ASTM D6919-17	10	04/24/2023 21:46	NML	F
Chemical Oxygen Demand (COD)	ND	ND	mg/L	15	5	EPA 410.4	1	04/21/2023 12:37	KMS	F
Chloride	1.7J	J	mg/L	2.0	1.5	EPA 300.0	2	04/18/2023 10:12	J1W	E
Nitrate-N	0.28J	J	mg/L	1.0	0.22	EPA 300.0	2	04/18/2023 10:12	J1W	E
Sulfate	2.0		mg/L	2.0	1.5	EPA 300.0	2	04/18/2023 10:12	J1W	E
Total Dissolved Solids	65		mg/L	25	25	SM2540C-15	1	04/21/2023 18:29	GJB	E



Results

Client Sample ID	MW-25D	Collected	04/17/2023 12:50
Lab Sample ID	3298304005	Lab Receipt	04/17/2023 14:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Barium, Total	0.012		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Calcium, Total	51.9		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Chromium, Total	0.0010J	J	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Hardness	191	2	mg/L			SW846 6020A	1	04/25/2023 18:33	RMD	G1
Iron, Total	13.7		mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Magnesium, Total	14.8		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Manganese, Total	0.42		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/19/2023 13:23	WDA	G
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Potassium, Total	2.0		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Selenium, Total	ND	ND,3	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Sodium, Total	92.2		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:33	RMD	G1
Zinc, Total	0.0023J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:33	RMD	G1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/21/2023 05:57	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0094	SW846 8011	1	04/21/2023 05:57	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 06:21	PKD	D
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 06:21	PKD	D
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	04/26/2023 06:21	PKD	D
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	04/26/2023 06:21	PKD	D
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	04/26/2023 06:21	PKD	D
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	04/26/2023 06:21	PKD	D
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	04/26/2023 06:21	PKD	D



Results

Client Sample ID	MW-25D	Collected	04/17/2023 12:50
Lab Sample ID	3298304005	Lab Receipt	04/17/2023 14:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 06:21	PDK	D
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 06:21	PDK	D
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 06:21	PDK	D
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	04/26/2023 06:21	PDK	D
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	04/26/2023 06:21	PDK	D
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 06:21	PDK	D
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 06:21	PDK	D
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	04/26/2023 06:21	PDK	D
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 06:21	PDK	D
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:21	PDK	D
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	04/26/2023 06:21	PDK	D
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 06:21	PDK	D
cis-1,2-Dichloroethene	0.59J	J	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 06:21	PDK	D
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 06:21	PDK	D
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 06:21	PDK	D
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 06:21	PDK	D
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:21	PDK	D
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 06:21	PDK	D
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	04/26/2023 06:21	PDK	D
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:21	PDK	D
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 06:21	PDK	D
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	04/26/2023 06:21	PDK	D
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:21	PDK	D
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 06:21	PDK	D
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 06:21	PDK	D
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 06:21	PDK	D
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	04/26/2023 06:21	PDK	D
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	04/26/2023 06:21	PDK	D
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 06:21	PDK	D
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	04/26/2023 06:21	PDK	D
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:21	PDK	D
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 06:21	PDK	D
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	04/26/2023 06:21	PDK	D
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	04/26/2023 06:21	PDK	D

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	62 - 133	04/26/2023 06:21	
1-Chloro-2-Fluorobenzene	348-51-6	92.1%	70 - 130	04/21/2023 05:57	
4-Bromofluorobenzene	460-00-4	109%	79 - 114	04/26/2023 06:21	
Dibromofluoromethane	1868-53-7	102%	78 - 116	04/26/2023 06:21	
Toluene-d8	2037-26-5	103%	76 - 127	04/26/2023 06:21	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-25D	Collected	04/17/2023 12:50
Lab Sample ID	3298304005	Lab Receipt	04/17/2023 14:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	109	1	mg/L	5	5	SM2320B-2011	1	04/25/2023 18:48	NML	E
Ammonia-N	ND	ND	mg/L	0.100	0.03	ASTM D6919-17	10	04/24/2023 22:00	NML	F
Chemical Oxygen Demand (COD)	76		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	F
Chloride	194		mg/L	2.0	1.5	EPA 300.0	2	04/18/2023 10:24	J1W	E
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/18/2023 10:24	J1W	E
Sulfate	4.3		mg/L	2.0	1.5	EPA 300.0	2	04/18/2023 10:24	J1W	E
Total Dissolved Solids	490		mg/L	25	25	SM2540C-15	1	04/21/2023 18:29	GJB	E



Results

Client Sample ID	MW-25S	Collected	04/17/2023 13:25
Lab Sample ID	3298304006	Lab Receipt	04/17/2023 14:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Barium, Total	1.6		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Cadmium, Total	0.00095J	J	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Calcium, Total	378		mg/L	11.0	3.7	SW846 6020A	100	04/27/2023 10:47	MO	G1
Chromium, Total	0.0046		mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Copper, Total	0.0025J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Hardness	1600	2	mg/L			SW846 6020A	100	04/27/2023 10:47	MO	G1
Iron, Total	0.078		mg/L	0.056	0.019	SW846 6020A	1	04/27/2023 10:32	MO	G1
Lead, Total	0.00093J	J	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Magnesium, Total	160		mg/L	11.0	3.7	SW846 6020A	100	04/27/2023 10:47	MO	G1
Manganese, Total	0.23		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Mercury, Total	0.00020J	J	mg/L	0.00050	0.00017	SW846 7470A	1	04/19/2023 13:24	WDA	G
Nickel, Total	0.018		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Potassium, Total	5.7		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Selenium, Total	ND	ND,3	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Silver, Total	0.011		mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Sodium, Total	253		mg/L	11.0	3.7	SW846 6020A	100	04/27/2023 10:47	MO	G1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 18:36	RMD	G1
Zinc, Total	0.050		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 18:36	RMD	G1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/21/2023 06:12	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/21/2023 06:12	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 06:44	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 06:44	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	04/26/2023 06:44	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	04/26/2023 06:44	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	04/26/2023 06:44	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	04/26/2023 06:44	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	04/26/2023 06:44	PDK	C



Results

Client Sample ID	MW-25S	Collected	04/17/2023 13:25
Lab Sample ID	3298304006	Lab Receipt	04/17/2023 14:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 06:44	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 06:44	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	04/26/2023 06:44	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	04/26/2023 06:44	PDK	C
Bromomethane	0.67J	J	ug/L	1.0	0.39	SW846 8260C	1	04/26/2023 06:44	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 06:44	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 06:44	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	04/26/2023 06:44	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 06:44	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:44	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	04/26/2023 06:44	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 06:44	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	04/26/2023 06:44	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 06:44	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 06:44	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	04/26/2023 06:44	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:44	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	04/26/2023 06:44	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	04/26/2023 06:44	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:44	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	04/26/2023 06:44	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	04/26/2023 06:44	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:44	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 06:44	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	04/26/2023 06:44	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	04/26/2023 06:44	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	04/26/2023 06:44	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	04/26/2023 06:44	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	04/26/2023 06:44	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	04/26/2023 06:44	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	04/26/2023 06:44	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	04/26/2023 06:44	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	04/26/2023 06:44	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	04/26/2023 06:44	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	102%	62 - 133	04/26/2023 06:44	
1-Chloro-2-Fluorobenzene	348-51-6	89.6%	70 - 130	04/21/2023 06:12	
4-Bromofluorobenzene	460-00-4	107%	79 - 114	04/26/2023 06:44	
Dibromofluoromethane	1868-53-7	101%	78 - 116	04/26/2023 06:44	
Toluene-d8	2037-26-5	102%	76 - 127	04/26/2023 06:44	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-25S	Collected	04/17/2023 13:25
Lab Sample ID	3298304006	Lab Receipt	04/17/2023 14:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	25	1	mg/L	5	5	SM2320B-2011	1	04/25/2023 19:01	NML	E
Ammonia-N	ND	ND	mg/L	0.100	0.03	ASTM D6919-17	10	04/22/2023 11:52	NML	F
Chemical Oxygen Demand (COD)	72		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	F
Chloride	1480		mg/L	25.0	18.8	EPA 300.0	25	04/22/2023 21:44	AXW	E
Nitrate-N	1.6J	J	mg/L	2.5	0.55	EPA 300.0	5	04/18/2023 10:35	J1W	E
Sulfate	4.4J	J	mg/L	5.0	3.9	EPA 300.0	5	04/18/2023 10:35	J1W	E
Total Dissolved Solids	3190		mg/L	25	25	SM2540C-15	1	04/21/2023 18:29	GJB	E



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3298304001	Trip Blank	SW846 8011	SW846 8011	
		SW846 8260C	N/A	
3298304002	Field Blank	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
SM2540C-15	N/A			
3298304003	MW-24D	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
SM2540C-15	N/A			
3298304004	MW-24S	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
SM2540C-15	N/A			
3298304005	MW-25D	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
SM2540C-15	N/A			
3298304006	MW-25S	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
SM2320B-2011	N/A			
SM2540C-15	N/A			



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3298304001	Trip Blank	SW846 8011	976571	04/20/2023 21:35	EGO	SW846 8011	976576
		N/A	N/A	N/A		SW846 8260C	979355
3298304002	Field Blank	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 7470A	975755	04/19/2023 07:35	WDA	SW846 7470A	975862
		SW846 8011	976571	04/20/2023 21:35	EGO	SW846 8011	976576
		N/A	N/A	N/A		SW846 8260C	979355
		N/A	N/A	N/A		ASTM D6919-17	976879
		N/A	N/A	N/A		EPA 300.0	975296
		N/A	N/A	N/A		EPA 410.4	976886
		N/A	N/A	N/A		SM2320B-2011	978475
3298304003	MW-24D	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 7470A	975755	04/19/2023 07:35	WDA	SW846 7470A	975862
		SW846 8011	976571	04/20/2023 21:35	EGO	SW846 8011	976576
		N/A	N/A	N/A		SW846 8260C	979355
		N/A	N/A	N/A		ASTM D6919-17	976879
		N/A	N/A	N/A		EPA 300.0	975296
		N/A	N/A	N/A		EPA 410.4	976886
		N/A	N/A	N/A		SM2320B-2011	978475
3298304004	MW-24S	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 7470A	975755	04/19/2023 07:35	WDA	SW846 7470A	975862
		SW846 8011	976571	04/20/2023 21:35	EGO	SW846 8011	976576
		N/A	N/A	N/A		SW846 8260C	979355
		N/A	N/A	N/A		ASTM D6919-17	978563
		N/A	N/A	N/A		EPA 300.0	975296
		N/A	N/A	N/A		EPA 410.4	976886
		N/A	N/A	N/A		SM2320B-2011	978475
3298304005	MW-25D	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 7470A	975755	04/19/2023 07:35	WDA	SW846 7470A	975862
		SW846 8011	976571	04/20/2023 21:35	EGO	SW846 8011	976576
		N/A	N/A	N/A		SW846 8260C	979355
		N/A	N/A	N/A		ASTM D6919-17	978563
		N/A	N/A	N/A		EPA 300.0	975296
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475
3298304006	MW-25S	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	980559
		SW846 7470A	975755	04/19/2023 07:35	WDA	SW846 7470A	975862
		SW846 8011	976571	04/20/2023 21:35	EGO	SW846 8011	976576
		N/A	N/A	N/A		SW846 8260C	979355
		N/A	N/A	N/A		ASTM D6919-17	976879
		N/A	N/A	N/A		EPA 300.0	975296
		N/A	N/A	N/A		EPA 300.0	977262
N/A	N/A	N/A		EPA 410.4	978875		
N/A	N/A	N/A		SM2320B-2011	978475		
N/A	N/A	N/A		SM2540C-15	976539		



CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

3298304

Logged By: SLS
PH: GJM



Laboratory: ALS

Sampler: Laura Russell | Tom Reedy

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Facility Name: Parkton Sanitary Landfill

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356

Project# / Purpose: 3926-2000

Invoice To: Same

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
1	Trip Blank	N/A	40 mL G Na2S2O3	W	2	4-17-23	--	VOCs (8011)
			40 mL G HCl	W	2		--	VOCs (8260)
2	Field Blank	G	40 mL G Na2S2O3	W	2	4-17-23	0955	VOCs (8011)
			40 mL G HCl	W	2			VOCs (8260)
			125 mL P HNO3	W	1			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn (6020), Hg (7470), Hardness
			1 L P unpreserved	W	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
			250 mL P H2SO4	W	1			Ammonia, COD

Temp By: MR | WO Temp (°C) 10
Therm ID 520

Receipt Info Completed By:

- Cooler Custody Seal Intact Y N NA
- Sample Custody Seal Intact Y N NA
- Received on Ice Y N NA
- Cooler & Samples Intact Y N NA
- Correct Containers Provided Y N NA
- Sample Label/COC Agree Y N NA
- Adequate Sample Volumes Y N NA
- CR6 Samples Filtered Y N NA
- OP Samples Filtered Y N NA
- VOA Headspace Present Y N NA
- Voa Trip Blank Y N NA
- NLS 4 Days? Y N NA
- Rad Screen (uCi) Y N NA
- Courier/Tracking#: _____

SDWA Compliance Y N NA
 PWSID _____
 WW Containers 0-6°C Y N NA

Transferred by: Tom Reedy
 Received by: [Signature]
 Received by: [Signature]
 Received by: _____

Date: 4-17-23 Time: 1425
 Date: 4-17-23 Time: 1400
 Date: _____ Time: _____

Received by: _____
 Received by: _____
 Received by: _____

Initials: _____ Date: _____
 Sufficient ice? - Yes/No _____ Temp: = _____
 Sample containers properly pres'd? - Yes/No _____ If No, explain _____

10 TL-570

3298304

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

Laboratory: ALS

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356

Sampler: Laura Russell / Tom Reedy / Brooke Zibell

Facility Name: Parkton Sanitary Landfill

Project# / Purpose: 3926-2000

Invoice To: Same

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
3	MW-24D	G	40 mL G Na2S2O3	NPW	2	4-17-23	1015	VOCs (8011)
			40 mL G HCl	NPW	2			VOCs (8260)
			125 mL P HNO3	NPW	2			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn (6020), Hg (7470), Hardness
			1 L P unpreserved	NPW	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
			250 mL P H2SO4	NPW	1			Ammonia, COD
4	MW-24S	G	Same as Sample #3	NPW	8	4-17-23	1115	Same as Sample #3
5	MW-25D	G	Same as Sample #3	NPW	8	4-17-23	1250	Same as Sample #3
6	MW-25S	G	Same as Sample #3	NPW	8	4-17-23	1325	Same as Sample #3

Transferred by: *[Signature]* Received by: *[Signature]* Date: 4-17-23 Time: 1425

Transferred by: *[Signature]* Received by: *[Signature]* Date: 4-17-23 Time: 1400

Transferred by: *[Signature]* Received by: *[Signature]* Date: _____ Time: _____

Cooler Receipt Information (LAB USE ONLY)
 Sufficient ice? - Yes/No _____ Temp. = _____
 Sample containers properly preserved? - Yes/No _____ If No, explain _____

Initials: _____ Date: _____



301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For Maryland Environmental Services - Landfills

Report ID [242728 on 5/9/2023](#)

Certificate of Analysis

Project Name:	Parkton Sanitary Landfill	Workorder:	3298491
Purchase Order:	MA 3680	Workorder ID:	Parkton Sanitary Landfill

Enclosed are the analytical results for samples received by the laboratory on Tuesday, April 18, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact George Methlie (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements.

The test results meet requirements of the current NELAP standards or state requirements, where applicable.

For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s): Maryland Services-ENVOPS - Maryland Environmental Services - Landfills Cheryl Griffin - Maryland Environmental Services Jessica Cox - Maryland Environmental Services Maryland Services-LF Data - Maryland Environmental Services

George Methlie
Project Coordinator

(ALS Digital Signature)

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3298491001	Trip Blank	Water	04/18/2023 00:00	04/18/2023 16:00	CBC	Collected By Client
3298491002	Field Blank	Water	04/18/2023 10:00	04/18/2023 16:00	CBC	Collected By Client
3298491003	MW-26S	Water	04/18/2023 10:30	04/18/2023 16:00	CBC	Collected By Client
3298491004	MW-27S	Water	04/18/2023 11:15	04/18/2023 16:00	CBC	Collected By Client
3298491005	MW-27D	Water	04/18/2023 12:00	04/18/2023 16:00	CBC	Collected By Client
3298491006	MW-28S	Water	04/18/2023 13:40	04/18/2023 16:00	CBC	Collected By Client
3298491007	MW-28D	Water	04/18/2023 14:20	04/18/2023 16:00	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136.
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Notations

Sample Notations

Lab ID **Sample ID**

Result Notations

Notation Ref.

- | | |
|---|--|
| 1 | The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L. |
| 2 | This sample result was calculated and reported using Method SM2340B-2011. |
| 3 | The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte Bromomethane. The RPD was reported as 29.1 and the upper control limit is 26. |
| 4 | The QC sample type MS for method SW846 8260C was outside the control limits for the analyte Chloroethane. The % Recovery was reported as 191 and the control limits were 51 to 142. |
| 5 | The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte Chloroethane. The % Recovery was reported as 159 and the control limits were 51 to 142. |
| 6 | The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte trans-1,4-Dichloro-2-butene. The % Recovery was reported as 59.5 and the control limits were 60 to 141. |
| 7 | The QC sample type MS for method SW846 8260C was outside the control limits for the analyte Iodomethane. The % Recovery was reported as 181 and the control limits were 37 to 128. |
| 8 | The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte Iodomethane. The % Recovery was reported as 168 and the control limits were 37 to 128. |



Detected Results Summary

Client Sample ID	Field Blank	Collected	04/18/2023 10:00
Lab Sample ID	3298491002	Lab Receipt	04/18/2023 16:00

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Calcium, Total	0.44	mg/L	0.11	0.037	SW846 6020A	#
Hardness	1.6	mg/L			SW846 6020A	#
Magnesium, Total	0.12	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	0.68	mg/L	0.11	0.037	SW846 6020A	#
WET CHEMISTRY						
Ammonia-N	0.053	mg/L	0.010	0.003	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	46	mg/L	15	5	EPA 410.4	#
Total Dissolved Solids	129	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-26S	Collected	04/18/2023 10:30
Lab Sample ID	3298491003	Lab Receipt	04/18/2023 16:00

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.045	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	75.8	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0040	mg/L	0.0022	0.00074	SW846 6020A	#
Cobalt, Total	0.0025J	mg/L	0.0056	0.0019	SW846 6020A	#
Copper, Total	0.0041J	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	294	mg/L			SW846 6020A	#
Iron, Total	0.083	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	25.4	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.048	mg/L	0.0056	0.0019	SW846 6020A	#
Nickel, Total	0.0022J	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	2.8	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	441	mg/L	11.0	3.7	SW846 6020A	#
Zinc, Total	0.0052J	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
1,4-Dichlorobenzene	0.36J	ug/L	1.0	0.27	SW846 8260C	#
cis-1,2-Dichloroethene	0.36J	ug/L	1.0	0.32	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	140	mg/L	5	5	SM2320B-2011	#
Chemical Oxygen Demand (COD)	53	mg/L	15	5	EPA 410.4	#
Chloride	734	mg/L	10.0	7.5	EPA 300.0	#
Nitrate-N	1.3J	mg/L	2.5	0.55	EPA 300.0	#
Sulfate	42.5	mg/L	5.0	3.9	EPA 300.0	#
Total Dissolved Solids	1440	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID MW-27S Collected 04/18/2023 11:15
 Lab Sample ID 3298491004 Lab Receipt 04/18/2023 16:00

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.016	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	29.4	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0022	mg/L	0.0022	0.00074	SW846 6020A	#
Hardness	122	mg/L			SW846 6020A	#
Magnesium, Total	11.8	mg/L	0.11	0.037	SW846 6020A	#
Potassium, Total	19.2	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	17.4	mg/L	0.11	0.037	SW846 6020A	#
WET CHEMISTRY						
Alkalinity, Total	139	mg/L	5	5	SM2320B-2011	#
Chemical Oxygen Demand (COD)	51	mg/L	15	5	EPA 410.4	#
Chloride	11.9	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	7.0	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	2.4	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	264	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID MW-27D Collected 04/18/2023 12:00
 Lab Sample ID 3298491005 Lab Receipt 04/18/2023 16:00

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Calcium, Total	30.4	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0013J	mg/L	0.0022	0.00074	SW846 6020A	#
Hardness	115	mg/L			SW846 6020A	#
Iron, Total	0.92	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	9.6	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.030	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	1.2	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	9.4	mg/L	0.11	0.037	SW846 6020A	#
WET CHEMISTRY						
Alkalinity, Total	76	mg/L	5	5	SM2320B-2011	#
Chemical Oxygen Demand (COD)	61	mg/L	15	5	EPA 410.4	#
Chloride	13.8	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	10.1	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	4.7	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	198	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID MW-28S Collected 04/18/2023 13:40
 Lab Sample ID 3298491006 Lab Receipt 04/18/2023 16:00

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.019	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	14.7	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0012J	mg/L	0.0022	0.00074	SW846 6020A	#
Hardness	63.0	mg/L			SW846 6020A	#
Magnesium, Total	6.4	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.0032J	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	2.3	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	6.0	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Total	0.0021J	mg/L	0.0056	0.0019	SW846 6020A	#
WET CHEMISTRY						
Alkalinity, Total	46	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.156	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	45	mg/L	15	5	EPA 410.4	#
Chloride	5.4	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	0.69J	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	22.6	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	111	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID MW-28D Collected 04/18/2023 14:20
 Lab Sample ID 3298491007 Lab Receipt 04/18/2023 16:00

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Calcium, Total	35.7	mg/L	0.55	0.19	SW846 6020A	#
Hardness	150	mg/L			SW846 6020A	#
Iron, Total	143	mg/L	0.28	0.095	SW846 6020A	#
Magnesium, Total	14.9	mg/L	0.55	0.19	SW846 6020A	#
Manganese, Total	1.3	mg/L	0.028	0.0095	SW846 6020A	#
Potassium, Total	0.37	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	2.2	mg/L	0.11	0.037	SW846 6020A	#
VOLATILE ORGANICS						
1,4-Dichlorobenzene	3.0	ug/L	1.0	0.27	SW846 8260C	#
Benzene	1.6	ug/L	1.0	0.23	SW846 8260C	#
Carbon Disulfide	0.42J	ug/L	1.0	0.23	SW846 8260C	#
cis-1,2-Dichloroethene	3.6	ug/L	1.0	0.32	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	160	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.180	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	54	mg/L	15	5	EPA 410.4	#
Chloride	6.1	mg/L	2.0	1.5	EPA 300.0	#
Sulfate	2.3	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	238	mg/L	25	25	SM2540C-15	#



Results

Client Sample ID	Trip Blank	Collected	04/18/2023 00:00
Lab Sample ID	3298491001	Lab Receipt	04/18/2023 16:00

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/24/2023 00:10	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/24/2023 00:10	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 00:45	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 00:45	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/01/2023 00:45	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/01/2023 00:45	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/01/2023 00:45	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/01/2023 00:45	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/01/2023 00:45	PDK	C
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 00:45	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 00:45	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 00:45	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/01/2023 00:45	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/01/2023 00:45	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 00:45	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 00:45	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/01/2023 00:45	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 00:45	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 00:45	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/01/2023 00:45	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 00:45	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 00:45	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 00:45	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 00:45	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 00:45	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 00:45	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 00:45	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/01/2023 00:45	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 00:45	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 00:45	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/01/2023 00:45	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 00:45	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 00:45	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 00:45	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 00:45	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/01/2023 00:45	PDK	C



Results

Client Sample ID	Trip Blank	Collected	04/18/2023 00:00
Lab Sample ID	3298491001	Lab Receipt	04/18/2023 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/01/2023 00:45	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 00:45	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/01/2023 00:45	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 00:45	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 00:45	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/01/2023 00:45	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/01/2023 00:45	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.7%	62 - 133	05/01/2023 00:45	
1-Chloro-2-Fluorobenzene	348-51-6	98.5%	70 - 130	04/24/2023 00:10	
4-Bromofluorobenzene	460-00-4	101%	79 - 114	05/01/2023 00:45	
Dibromofluoromethane	1868-53-7	96.6%	78 - 116	05/01/2023 00:45	
Toluene-d8	2037-26-5	97.7%	76 - 127	05/01/2023 00:45	



Results

Client Sample ID	Field Blank	Collected	04/18/2023 10:00
Lab Sample ID	3298491002	Lab Receipt	04/18/2023 16:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:17	RMD	E
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 19:17	RMD	E
Barium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:17	RMD	E
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:17	RMD	E
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:17	RMD	E
Calcium, Total	0.44		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 19:17	RMD	E
Chromium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:17	RMD	E
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:17	RMD	E
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:17	RMD	E
Hardness	1.6	2	mg/L			SW846 6020A	1	04/25/2023 19:17	RMD	E
Iron, Total	ND	ND	mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 19:17	RMD	E
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:17	RMD	E
Magnesium, Total	0.12		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 19:17	RMD	E
Manganese, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:17	RMD	E
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:26	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:17	RMD	E
Potassium, Total	ND	ND	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:34	MO	E
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 10:34	MO	E
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:17	RMD	E
Sodium, Total	0.68		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:34	MO	E
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:17	RMD	E
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 10:34	MO	E
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:17	RMD	E

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0047	SW846 8011	1	04/24/2023 00:25	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0096	SW846 8011	1	04/24/2023 00:25	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 01:08	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 01:08	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/01/2023 01:08	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/01/2023 01:08	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/01/2023 01:08	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/01/2023 01:08	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/01/2023 01:08	PDK	C



Results

Client Sample ID	Field Blank	Collected	04/18/2023 10:00
Lab Sample ID	3298491002	Lab Receipt	04/18/2023 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 01:08	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 01:08	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 01:08	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/01/2023 01:08	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/01/2023 01:08	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 01:08	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 01:08	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/01/2023 01:08	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 01:08	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 01:08	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/01/2023 01:08	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 01:08	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 01:08	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 01:08	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 01:08	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 01:08	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 01:08	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 01:08	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/01/2023 01:08	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 01:08	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 01:08	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/01/2023 01:08	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 01:08	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 01:08	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 01:08	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 01:08	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/01/2023 01:08	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/01/2023 01:08	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 01:08	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/01/2023 01:08	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 01:08	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 01:08	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/01/2023 01:08	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/01/2023 01:08	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	99.6%	62 - 133	05/01/2023 01:08	
1-Chloro-2-Fluorobenzene	348-51-6	100%	70 - 130	04/24/2023 00:25	
4-Bromofluorobenzene	460-00-4	102%	79 - 114	05/01/2023 01:08	
Dibromofluoromethane	1868-53-7	97.8%	78 - 116	05/01/2023 01:08	
Toluene-d8	2037-26-5	99%	76 - 127	05/01/2023 01:08	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	Field Blank	Collected	04/18/2023 10:00
Lab Sample ID	3298491002	Lab Receipt	04/18/2023 16:00

WET CHEMISTRY (cont.)

<u>Compound</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>RDL</u>	<u>MDL</u>	<u>Method</u>	<u>Dilution</u>	<u>Analysis Date/Time</u>	<u>By</u>	<u>Cntr</u>
Alkalinity, Total	ND	ND,1	mg/L	5	5	SM2320B-2011	1	04/25/2023 21:31	NML	F
Ammonia-N	0.053		mg/L	0.010	0.003	ASTM D6919-17	1	04/25/2023 15:11	NML	G
Chemical Oxygen Demand (COD)	46		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	G
Chloride	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/19/2023 13:31	J1W	F
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/19/2023 13:31	J1W	F
Sulfate	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/19/2023 13:31	J1W	F
Total Dissolved Solids	129		mg/L	25	25	SM2540C-15	1	04/24/2023 13:32	AKH	F



Results

Client Sample ID	MW-26S	Collected	04/18/2023 10:30
Lab Sample ID	3298491003	Lab Receipt	04/18/2023 16:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:19	RMD	E
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 19:19	RMD	E
Barium, Total	0.045		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:19	RMD	E
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:19	RMD	E
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:19	RMD	E
Calcium, Total	75.8		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 19:19	RMD	E
Chromium, Total	0.0040		mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:19	RMD	E
Cobalt, Total	0.0025J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:19	RMD	E
Copper, Total	0.0041J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:19	RMD	E
Hardness	294	2	mg/L			SW846 6020A	1	04/25/2023 19:19	RMD	E
Iron, Total	0.083		mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 19:19	RMD	E
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:19	RMD	E
Magnesium, Total	25.4		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 19:19	RMD	E
Manganese, Total	0.048		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:19	RMD	E
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:27	WDA	E
Nickel, Total	0.0022J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:19	RMD	E
Potassium, Total	2.8		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:37	MO	E
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 10:37	MO	E
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:19	RMD	E
Sodium, Total	441		mg/L	11.0	3.7	SW846 6020A	100	04/27/2023 10:49	MO	E
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:19	RMD	E
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 10:37	MO	E
Zinc, Total	0.0052J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:19	RMD	E

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/24/2023 00:41	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/24/2023 00:41	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 05:17	PDK	C
1,4-Dichlorobenzene	0.36J	J	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 05:17	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/01/2023 05:17	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/01/2023 05:17	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/01/2023 05:17	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/01/2023 05:17	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/01/2023 05:17	PDK	C



Results

Client Sample ID	MW-26S	Collected	04/18/2023 10:30
Lab Sample ID	3298491003	Lab Receipt	04/18/2023 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 05:17	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 05:17	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 05:17	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/01/2023 05:17	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/01/2023 05:17	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 05:17	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 05:17	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/01/2023 05:17	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 05:17	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:17	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/01/2023 05:17	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 05:17	PDK	C
cis-1,2-Dichloroethene	0.36J	J	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 05:17	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 05:17	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 05:17	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 05:17	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:17	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 05:17	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/01/2023 05:17	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:17	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 05:17	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/01/2023 05:17	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:17	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 05:17	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 05:17	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 05:17	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/01/2023 05:17	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/01/2023 05:17	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 05:17	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/01/2023 05:17	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:17	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 05:17	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/01/2023 05:17	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/01/2023 05:17	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 - 133	05/01/2023 05:17	
1-Chloro-2-Fluorobenzene	348-51-6	96.6%	70 - 130	04/24/2023 00:41	
4-Bromofluorobenzene	460-00-4	101%	79 - 114	05/01/2023 05:17	
Dibromofluoromethane	1868-53-7	98.4%	78 - 116	05/01/2023 05:17	
Toluene-d8	2037-26-5	98.6%	76 - 127	05/01/2023 05:17	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-26S	Collected	04/18/2023 10:30
Lab Sample ID	3298491003	Lab Receipt	04/18/2023 16:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	140	1	mg/L	5	5	SM2320B-2011	1	04/25/2023 21:44	NML	F
Ammonia-N	ND	ND	mg/L	0.100	0.03	ASTM D6919-17	10	04/25/2023 13:35	NML	G
Chemical Oxygen Demand (COD)	53		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	G
Chloride	734		mg/L	10.0	7.5	EPA 300.0	10	04/25/2023 18:19	J1W	F
Nitrate-N	1.3J	J	mg/L	2.5	0.55	EPA 300.0	5	04/19/2023 13:42	J1W	F
Sulfate	42.5		mg/L	5.0	3.9	EPA 300.0	5	04/19/2023 13:42	J1W	F
Total Dissolved Solids	1440		mg/L	25	25	SM2540C-15	1	04/24/2023 13:32	AKH	F



Results

Client Sample ID	MW-27S	Collected	04/18/2023 11:15
Lab Sample ID	3298491004	Lab Receipt	04/18/2023 16:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:21	RMD	E
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 19:21	RMD	E
Barium, Total	0.016		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:21	RMD	E
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:21	RMD	E
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:21	RMD	E
Calcium, Total	29.4		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 19:21	RMD	E
Chromium, Total	0.0022		mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:21	RMD	E
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:21	RMD	E
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:21	RMD	E
Hardness	122	2	mg/L			SW846 6020A	1	04/25/2023 19:21	RMD	E
Iron, Total	ND	ND	mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 19:21	RMD	E
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:21	RMD	E
Magnesium, Total	11.8		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 19:21	RMD	E
Manganese, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:21	RMD	E
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:28	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:21	RMD	E
Potassium, Total	19.2		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:39	MO	E
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 10:39	MO	E
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:21	RMD	E
Sodium, Total	17.4		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:39	MO	E
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:21	RMD	E
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 10:39	MO	E
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:21	RMD	E

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0047	SW846 8011	1	04/24/2023 01:11	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0096	SW846 8011	1	04/24/2023 01:11	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 05:40	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 05:40	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/01/2023 05:40	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/01/2023 05:40	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/01/2023 05:40	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/01/2023 05:40	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/01/2023 05:40	PDK	C



Results

Client Sample ID	MW-27S	Collected	04/18/2023 11:15
Lab Sample ID	3298491004	Lab Receipt	04/18/2023 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 05:40	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 05:40	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 05:40	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/01/2023 05:40	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/01/2023 05:40	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 05:40	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 05:40	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/01/2023 05:40	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 05:40	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:40	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/01/2023 05:40	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 05:40	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 05:40	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 05:40	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 05:40	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 05:40	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:40	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 05:40	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/01/2023 05:40	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:40	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 05:40	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/01/2023 05:40	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:40	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 05:40	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 05:40	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 05:40	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/01/2023 05:40	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/01/2023 05:40	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 05:40	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/01/2023 05:40	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 05:40	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 05:40	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/01/2023 05:40	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/01/2023 05:40	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 - 133	05/01/2023 05:40	
1-Chloro-2-Fluorobenzene	348-51-6	100%	70 - 130	04/24/2023 01:11	
4-Bromofluorobenzene	460-00-4	101%	79 - 114	05/01/2023 05:40	
Dibromofluoromethane	1868-53-7	98.6%	78 - 116	05/01/2023 05:40	
Toluene-d8	2037-26-5	98.8%	76 - 127	05/01/2023 05:40	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-27S	Collected	04/18/2023 11:15
Lab Sample ID	3298491004	Lab Receipt	04/18/2023 16:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	139	1	mg/L	5	5	SM2320B-2011	1	04/25/2023 22:31	NML	F
Ammonia-N	ND	ND	mg/L	0.100	0.03	ASTM D6919-17	10	04/25/2023 13:03	NML	G
Chemical Oxygen Demand (COD)	51		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	G
Chloride	11.9		mg/L	2.0	1.5	EPA 300.0	2	04/19/2023 13:54	J1W	F
Nitrate-N	7.0		mg/L	1.0	0.22	EPA 300.0	2	04/19/2023 13:54	J1W	F
Sulfate	2.4		mg/L	2.0	1.5	EPA 300.0	2	04/19/2023 13:54	J1W	F
Total Dissolved Solids	264		mg/L	25	25	SM2540C-15	1	04/24/2023 13:32	AKH	F



Results

Client Sample ID	MW-27D	Collected	04/18/2023 12:00
Lab Sample ID	3298491005	Lab Receipt	04/18/2023 16:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:56	RMD	E
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 19:56	RMD	E
Barium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:56	RMD	E
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:56	RMD	E
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:56	RMD	E
Calcium, Total	30.4		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 19:56	RMD	E
Chromium, Total	0.0013J	J	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:56	RMD	E
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:56	RMD	E
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:56	RMD	E
Hardness	115	2	mg/L			SW846 6020A	1	04/25/2023 19:56	RMD	E
Iron, Total	0.92		mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 19:56	RMD	E
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:56	RMD	E
Magnesium, Total	9.6		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 19:56	RMD	E
Manganese, Total	0.030		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:56	RMD	E
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:30	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:56	RMD	E
Potassium, Total	1.2		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:41	MO	E
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 10:41	MO	E
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:56	RMD	E
Sodium, Total	9.4		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:41	MO	E
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:56	RMD	E
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 10:41	MO	E
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:56	RMD	E

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0048	SW846 8011	1	04/24/2023 01:27	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0098	SW846 8011	1	04/24/2023 01:27	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 06:03	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 06:03	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/01/2023 06:03	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/01/2023 06:03	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/01/2023 06:03	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/01/2023 06:03	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/01/2023 06:03	PDK	C



Results

Client Sample ID	MW-27D	Collected	04/18/2023 12:00
Lab Sample ID	3298491005	Lab Receipt	04/18/2023 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 06:03	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 06:03	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 06:03	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/01/2023 06:03	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/01/2023 06:03	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 06:03	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:03	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/01/2023 06:03	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 06:03	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:03	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/01/2023 06:03	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:03	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 06:03	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:03	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 06:03	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:03	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:03	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 06:03	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/01/2023 06:03	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:03	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 06:03	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/01/2023 06:03	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:03	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 06:03	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 06:03	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 06:03	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/01/2023 06:03	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/01/2023 06:03	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 06:03	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/01/2023 06:03	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:03	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 06:03	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/01/2023 06:03	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/01/2023 06:03	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	102%	62 - 133	05/01/2023 06:03	
1-Chloro-2-Fluorobenzene	348-51-6	100%	70 - 130	04/24/2023 01:27	
4-Bromofluorobenzene	460-00-4	102%	79 - 114	05/01/2023 06:03	
Dibromofluoromethane	1868-53-7	98.4%	78 - 116	05/01/2023 06:03	
Toluene-d8	2037-26-5	99.2%	76 - 127	05/01/2023 06:03	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-27D	Collected	04/18/2023 12:00
Lab Sample ID	3298491005	Lab Receipt	04/18/2023 16:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	76	1	mg/L	5	5	SM2320B-2011	1	04/25/2023 22:43	NML	F
Ammonia-N	ND	ND	mg/L	0.100	0.03	ASTM D6919-17	10	04/25/2023 12:49	NML	G
Chemical Oxygen Demand (COD)	61		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	G
Chloride	13.8		mg/L	2.0	1.5	EPA 300.0	2	04/19/2023 14:05	J1W	F
Nitrate-N	10.1		mg/L	1.0	0.22	EPA 300.0	2	04/19/2023 14:05	J1W	F
Sulfate	4.7		mg/L	2.0	1.5	EPA 300.0	2	04/19/2023 14:05	J1W	F
Total Dissolved Solids	198		mg/L	25	25	SM2540C-15	1	04/24/2023 13:32	AKH	F



Results

Client Sample ID	MW-28S	Collected	04/18/2023 13:40
Lab Sample ID	3298491006	Lab Receipt	04/18/2023 16:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:58	RMD	E
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 19:58	RMD	E
Barium, Total	0.019		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:58	RMD	E
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:58	RMD	E
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:58	RMD	E
Calcium, Total	14.7		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 19:58	RMD	E
Chromium, Total	0.0012J	J	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:58	RMD	E
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:58	RMD	E
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:58	RMD	E
Hardness	63.0	2	mg/L			SW846 6020A	1	04/25/2023 19:58	RMD	E
Iron, Total	ND	ND	mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 19:58	RMD	E
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:58	RMD	E
Magnesium, Total	6.4		mg/L	0.11	0.037	SW846 6020A	1	04/25/2023 19:58	RMD	E
Manganese, Total	0.0032J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:58	RMD	E
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:31	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:58	RMD	E
Potassium, Total	2.3		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:43	MO	E
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 10:43	MO	E
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 19:58	RMD	E
Sodium, Total	6.0		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:43	MO	E
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 19:58	RMD	E
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 10:43	MO	E
Zinc, Total	0.0021J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 19:58	RMD	E

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/24/2023 01:43	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/24/2023 01:43	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 06:26	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 06:26	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/01/2023 06:26	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/01/2023 06:26	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/01/2023 06:26	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/01/2023 06:26	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/01/2023 06:26	PDK	C



Results

Client Sample ID	MW-28S	Collected	04/18/2023 13:40
Lab Sample ID	3298491006	Lab Receipt	04/18/2023 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 06:26	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 06:26	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 06:26	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/01/2023 06:26	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/01/2023 06:26	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 06:26	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:26	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/01/2023 06:26	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 06:26	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:26	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/01/2023 06:26	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:26	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 06:26	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:26	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 06:26	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:26	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:26	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 06:26	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/01/2023 06:26	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:26	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 06:26	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/01/2023 06:26	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:26	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 06:26	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 06:26	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 06:26	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/01/2023 06:26	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/01/2023 06:26	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 06:26	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/01/2023 06:26	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:26	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 06:26	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/01/2023 06:26	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/01/2023 06:26	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	100%	62 - 133	05/01/2023 06:26	
1-Chloro-2-Fluorobenzene	348-51-6	102%	70 - 130	04/24/2023 01:43	
4-Bromofluorobenzene	460-00-4	100%	79 - 114	05/01/2023 06:26	
Dibromofluoromethane	1868-53-7	97.1%	78 - 116	05/01/2023 06:26	
Toluene-d8	2037-26-5	96.2%	76 - 127	05/01/2023 06:26	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-28S	Collected	04/18/2023 13:40
Lab Sample ID	3298491006	Lab Receipt	04/18/2023 16:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	46	1	mg/L	5	5	SM2320B-2011	1	04/25/2023 22:55	NML	F
Ammonia-N	0.156		mg/L	0.100	0.03	ASTM D6919-17	10	04/25/2023 12:22	NML	G
Chemical Oxygen Demand (COD)	45		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	G
Chloride	5.4		mg/L	2.0	1.5	EPA 300.0	2	04/19/2023 14:17	J1W	F
Nitrate-N	0.69J	J	mg/L	1.0	0.22	EPA 300.0	2	04/19/2023 14:17	J1W	F
Sulfate	22.6		mg/L	2.0	1.5	EPA 300.0	2	04/19/2023 14:17	J1W	F
Total Dissolved Solids	111		mg/L	25	25	SM2540C-15	1	04/24/2023 13:32	AKH	F



Results

Client Sample ID	MW-28D	Collected	04/18/2023 14:20
Lab Sample ID	3298491007	Lab Receipt	04/18/2023 16:00

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.011	0.0037	SW846 6020A	5	04/25/2023 20:00	RMD	E
Arsenic, Total	ND	ND	mg/L	0.017	0.0055	SW846 6020A	5	04/25/2023 20:00	RMD	E
Barium, Total	ND	ND	mg/L	0.028	0.0095	SW846 6020A	5	04/25/2023 20:00	RMD	E
Beryllium, Total	ND	ND	mg/L	0.0055	0.0019	SW846 6020A	5	04/25/2023 20:00	RMD	E
Cadmium, Total	ND	ND	mg/L	0.0055	0.0019	SW846 6020A	5	04/25/2023 20:00	RMD	E
Calcium, Total	35.7		mg/L	0.55	0.19	SW846 6020A	5	04/25/2023 20:00	RMD	E
Chromium, Total	ND	ND	mg/L	0.011	0.0037	SW846 6020A	5	04/25/2023 20:00	RMD	E
Cobalt, Total	ND	ND	mg/L	0.028	0.0095	SW846 6020A	5	04/25/2023 20:00	RMD	E
Copper, Total	ND	ND	mg/L	0.028	0.0095	SW846 6020A	5	04/25/2023 20:00	RMD	E
Hardness	150	2	mg/L			SW846 6020A	5	04/25/2023 20:00	RMD	E
Iron, Total	143		mg/L	0.28	0.095	SW846 6020A	5	04/25/2023 20:00	RMD	E
Lead, Total	ND	ND	mg/L	0.011	0.0037	SW846 6020A	5	04/25/2023 20:00	RMD	E
Magnesium, Total	14.9		mg/L	0.55	0.19	SW846 6020A	5	04/25/2023 20:00	RMD	E
Manganese, Total	1.3		mg/L	0.028	0.0095	SW846 6020A	5	04/25/2023 20:00	RMD	E
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:32	WDA	E
Nickel, Total	ND	ND	mg/L	0.028	0.0095	SW846 6020A	5	04/25/2023 20:00	RMD	E
Potassium, Total	0.37		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:45	MO	E
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 10:45	MO	E
Silver, Total	ND	ND	mg/L	0.011	0.0037	SW846 6020A	5	04/25/2023 20:00	RMD	E
Sodium, Total	2.2		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 10:45	MO	E
Thallium, Total	ND	ND	mg/L	0.0055	0.0019	SW846 6020A	5	04/25/2023 20:00	RMD	E
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 10:45	MO	E
Zinc, Total	ND	ND	mg/L	0.028	0.0095	SW846 6020A	5	04/25/2023 20:00	RMD	E

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0047	SW846 8011	1	04/24/2023 01:58	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0096	SW846 8011	1	04/24/2023 01:58	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 06:48	PDK	C
1,4-Dichlorobenzene	3.0		ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 06:48	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/01/2023 06:48	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/01/2023 06:48	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/01/2023 06:48	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/01/2023 06:48	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/01/2023 06:48	PDK	C



Results

Client Sample ID	MW-28D	Collected	04/18/2023 14:20
Lab Sample ID	3298491007	Lab Receipt	04/18/2023 16:00

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	1.6		ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 06:48	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 06:48	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/01/2023 06:48	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/01/2023 06:48	PDK	C
Bromomethane	ND	ND,3	ug/L	1.0	0.39	SW846 8260C	1	05/01/2023 06:48	PDK	C
Carbon Disulfide	0.42J	J	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 06:48	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:48	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/01/2023 06:48	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 06:48	PDK	C
Chloroethane	ND	ND,4,5	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:48	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/01/2023 06:48	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:48	PDK	C
cis-1,2-Dichloroethene	3.6		ug/L	1.0	0.32	SW846 8260C	1	05/01/2023 06:48	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:48	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 06:48	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/01/2023 06:48	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:48	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/01/2023 06:48	PDK	C
Iodomethane	ND	ND,7,8	ug/L	1.0	0.42	SW846 8260C	1	05/01/2023 06:48	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:48	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/01/2023 06:48	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/01/2023 06:48	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:48	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 06:48	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/01/2023 06:48	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/01/2023 06:48	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/01/2023 06:48	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/01/2023 06:48	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/01/2023 06:48	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND,6	ug/L	3.0	0.86	SW846 8260C	1	05/01/2023 06:48	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/01/2023 06:48	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/01/2023 06:48	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/01/2023 06:48	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/01/2023 06:48	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	100%	62 - 133	05/01/2023 06:48	
1-Chloro-2-Fluorobenzene	348-51-6	98%	70 - 130	04/24/2023 01:58	
4-Bromofluorobenzene	460-00-4	100%	79 - 114	05/01/2023 06:48	
Dibromofluoromethane	1868-53-7	97.2%	78 - 116	05/01/2023 06:48	
Toluene-d8	2037-26-5	98.4%	76 - 127	05/01/2023 06:48	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-28D	Collected	04/18/2023 14:20
Lab Sample ID	3298491007	Lab Receipt	04/18/2023 16:00

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	160	1	mg/L	5	5	SM2320B-2011	1	04/25/2023 23:07	NML	F
Ammonia-N	0.180		mg/L	0.100	0.03	ASTM D6919-17	10	04/25/2023 12:36	NML	G
Chemical Oxygen Demand (COD)	54		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	G
Chloride	6.1		mg/L	2.0	1.5	EPA 300.0	2	04/19/2023 15:14	J1W	F
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/19/2023 15:14	J1W	F
Sulfate	2.3		mg/L	2.0	1.5	EPA 300.0	2	04/19/2023 15:14	J1W	F
Total Dissolved Solids	238		mg/L	25	25	SM2540C-15	1	04/24/2023 13:32	AKH	F



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3298491001	Trip Blank	SW846 8011	SW846 8011	
		SW846 8260C	N/A	
3298491002	Field Blank	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
3298491003	MW-26S	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
3298491004	MW-27S	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
3298491005	MW-27D	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
3298491006	MW-28S	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	



Project Parkton Sanitary Landfill
Workorder 3298491

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3298491007	MW-28D	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3298491001	Trip Blank	SW846 8011	977852	04/23/2023 20:45	EGO	SW846 8011	978052
		N/A	N/A	N/A		SW846 8260C	983953
3298491002	Field Blank	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	980559
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	977852	04/23/2023 20:45	EGO	SW846 8011	978052
		N/A	N/A	N/A		SW846 8260C	983953
		N/A	N/A	N/A		ASTM D6919-17	978569
		N/A	N/A	N/A		EPA 300.0	975759
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475
3298491003	MW-26S	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	980559
		SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	977852	04/23/2023 20:45	EGO	SW846 8011	978052
		N/A	N/A	N/A		SW846 8260C	983953
		N/A	N/A	N/A		ASTM D6919-17	978567
		N/A	N/A	N/A		EPA 300.0	978869
		N/A	N/A	N/A		EPA 300.0	975759
		N/A	N/A	N/A		EPA 410.4	978875
3298491004	MW-27S	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	980559
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	977852	04/23/2023 20:45	EGO	SW846 8011	978052
		N/A	N/A	N/A		SW846 8260C	983953
		N/A	N/A	N/A		ASTM D6919-17	978567
		N/A	N/A	N/A		EPA 300.0	975759
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475
3298491005	MW-27D	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	980559
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	977852	04/23/2023 20:45	EGO	SW846 8011	978052
		N/A	N/A	N/A		SW846 8260C	983953
		N/A	N/A	N/A		ASTM D6919-17	978567
		N/A	N/A	N/A		EPA 300.0	975759
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475
3298491006	MW-28S	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	980559
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	977852	04/23/2023 20:45	EGO	SW846 8011	978052
		N/A	N/A	N/A		SW846 8260C	983953
		N/A	N/A	N/A		ASTM D6919-17	978567
		N/A	N/A	N/A		EPA 300.0	975759
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475



Project Parkton Sanitary Landfill
Workorder 3298491

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3298491007	MW-28D	SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	979063
		SW846 3015A	975474	04/19/2023 21:16	ANN	SW846 6020A	980559
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	977852	04/23/2023 20:45	EGO	SW846 8011	978052
		N/A	N/A	N/A		SW846 8260C	983953
		N/A	N/A	N/A		ASTM D6919-17	978567
		N/A	N/A	N/A		EPA 300.0	975759
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475
N/A	N/A	N/A		SM2540C-15	976985		

3298491

Logged By: MJE
PM: GJM

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

Laboratory: ALS

Sampler: Laura Russell / Tom Reedy / Brooke L. Bell

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Facility Name: Parkton Sanitary Landfill

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356

Project# / Purpose: 3926-2000

Invoice To: Same

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
1	Trip Blank	N/A	40 mL G Na2S2O3	W	2	4-18-23	--	VOCs (8011)
2	Field Blank	G	40 mL G Na2S2O3	W	2	4-18-23	1000	VOCs (8011)
			40 mL G HCl	W	2			VOCs (8260)
			125 mL P HNO3	W	1			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn (6020), Hg (7470), Hardness
			1 L P unpreserved	W	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
			250 mL P H2SO4	W	1			Ammonia, COD

Therm ID: 570

DPB: 0

Temp By: MJE

WO Temp (°C): 10

Receipt Info Completed By: MJE

Received on Ice: Y

Sample Custody Seal Intact: Y

Cooler Custody Seal Intact: Y

Correct Containers Provided: Y

Sample Label/COC Agree: Y

Adequate Sample Volumes: Y

CR6 Samples Filtered: Y

OP Samples Filtered: Y

VOA Headspace Present: Y

VOA Headspace Filtered: Y

Rad Screen (uCi): Y

NI-4 Days? Y

Courier/Tracking#: 2

SDWA Compliance: Y

PWSID: 2

WV Containers 0-6°C: Y

Transferred by: <u>Tom Reedy</u>	Received by: <u>MJE</u>	Date: <u>4-18-23</u>	Time: <u>1455</u>
Transferred by: <u>MJE</u>	Received by: <u>MJE</u>	Date: <u>4/18/23</u>	Time: <u>1000</u>
Transferred by:	Received by:	Date:	Time:

Initials: _____ Date: _____

Cooler Receipt Information (LAB USE ONLY)
Sufficient ice? - Yes/No _____ Temp = _____
Sample containers properly pres'd? - Yes/No _____ If No, explain _____

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

328491

Laboratory: ALS

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356


Sampler: Laura Russell / Tom Reedy / Brooke Zibell



Facility Name: Parkton Sanitary Landfill


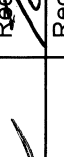
Project# / Purpose: 3926-2000

Invoice To: Same **Turnaround Time:** Routine

Sample #	Sample ID	Grab or Composite	Container Description/Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
3	MW-265	G	40 mL G Na2S2O3	NPW	2	4-18-23	1030	VOCs (8011)
			40 mL G HCl	NPW	2			VOCs (8260)
			125 mL P HNO3	NPW	2			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn (6020), Hg (7470), Hardness
			1 L P unpreserved	NPW	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
			250 mL P H2SO4	NPW	1			Ammonia, COD
4	MW-275	G	Same as Sample #3	NPW	8	4-18-23	1115	Same as Sample #3
5	MW-27D	G	Same as Sample #3	NPW	8	4-18-23	1200	Same as Sample #3
6	MW-285	G	Same as Sample #3	NPW	8	4-18-23	1340	Same as Sample #3
7	MW-28D	G	Same as Sample #3	NPW	8	4-18-23	1420	Same as Sample #3

Transferred by: Tom Reedy **Received by:** 

Transferred by:  **Received by:** 

Transferred by:  **Received by:** 

Transferred by: _____ **Received by:** _____

Date: _____ **Date:** _____

Time: _____ **Time:** _____

Initials: _____ **Date:** _____

Cooler Receipt Information (LAB USE ONLY)

Sufficient ice? - Yes/No _____ Temp. = _____

Sample containers properly pres'd? - Yes/No _____ If No, explain _____



301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For Maryland Environmental Services - Landfills

Report ID [241293 on 5/3/2023](#)

Certificate of Analysis

Project Name:	Parkton Sanitary Landfill	Workorder:	3298778
Purchase Order:	MA 3680	Workorder ID:	Parkton Sanitary Landfill

Enclosed are the analytical results for samples received by the laboratory on Wednesday, April 19, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact George Methlie (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements.

The test results meet requirements of the current NELAP standards or state requirements, where applicable.

For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s): Maryland Services-ENVOPS - Maryland Environmental Services - Landfills Cheryl Griffin - Maryland Environmental Services Jessica Cox - Maryland Environmental Services Maryland Services-LF Data - Maryland Environmental Services

George Methlie
Project Coordinator

(ALS Digital Signature)

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3298778001	Trip Blank	Water	04/19/2023 00:00	04/19/2023 15:54	CBC	Collected By Client
3298778002	Field Blank	Water	04/19/2023 09:40	04/19/2023 15:54	CBC	Collected By Client
3298778003	MW-7	Water	04/19/2023 10:05	04/19/2023 15:54	CBC	Collected By Client
3298778004	MW-19	Water	04/19/2023 11:00	04/19/2023 15:54	CBC	Collected By Client
3298778005	MW-9	Water	04/19/2023 12:25	04/19/2023 15:54	CBC	Collected By Client
3298778006	MW-17	Water	04/19/2023 14:00	04/19/2023 15:54	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136.
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Notations

Sample Notations

Lab ID **Sample ID**

Result Notations

Notation Ref.

1	Iodomethane was recovered above the 20 percent 8260C criteria in the continuing calibration verification associated with this sample.
2	The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Iodomethane. The % Recovery was reported as 155 and the control limits were 37 to 128.
3	The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L.
4	This sample result was calculated and reported using Method SM2340B-2011.
5	The QC type LLICV for method SW846 6020A was outside the control limits for the analyte Se. The % RSD was reported as 21.6 and the control limits were 0 to 20.
6	The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte 2-Butanone. The RPD was reported as 36.7 and the upper control limit is 16.
7	The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte Carbon Tetrachloride. The RPD was reported as 17.3 and the upper control limit is 17.
8	The QC sample type MS for method SW846 8260C was outside the control limits for the analyte Iodomethane. The % Recovery was reported as 153 and the control limits were 37 to 128.
9	The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte Iodomethane. The % Recovery was reported as 160 and the control limits were 37 to 128.



Detected Results Summary

Client Sample ID	Trip Blank	Collected	04/19/2023 00:00
Lab Sample ID	3298778001	Lab Receipt	04/19/2023 15:54

Compound	Result	Units	RDL	MDL	Method	Flag
VOLATILE ORGANICS						
Bromomethane	0.45J	ug/L	1.0	0.39	SW846 8260C	#



Detected Results Summary

Client Sample ID	Field Blank	Collected	04/19/2023 09:40
Lab Sample ID	3298778002	Lab Receipt	04/19/2023 15:54

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Calcium, Total	0.13	mg/L	0.11	0.037	SW846 6020A	#
Hardness	0.41	mg/L			SW846 6020A	#
Iron, Total	0.13	mg/L	0.056	0.019	SW846 6020A	#
Manganese, Total	0.016	mg/L	0.0056	0.0019	SW846 6020A	#
Sodium, Total	0.34	mg/L	0.11	0.037	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.44J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Ammonia-N	0.031J	mg/L	0.100	0.003	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	49	mg/L	15	5	EPA 410.4	#



Detected Results Summary

Client Sample ID	MW-7	Collected	04/19/2023 10:05
Lab Sample ID	3298778003	Lab Receipt	04/19/2023 15:54

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.012	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	15.2	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0011J	mg/L	0.0022	0.00074	SW846 6020A	#
Hardness	75.5	mg/L			SW846 6020A	#
Iron, Total	0.032J	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	9.1	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.012	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	0.96	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	1.4	mg/L	0.11	0.037	SW846 6020A	#
WET CHEMISTRY						
Alkalinity, Total	65	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.458	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	50	mg/L	15	5	EPA 410.4	#
Nitrate-N	1.4	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	3.4	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	88	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-19	Collected	04/19/2023 11:00
Lab Sample ID	3298778004	Lab Receipt	04/19/2023 15:54

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.0054J	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	62.0	mg/L	0.11	0.037	SW846 6020A	#
Cobalt, Total	0.028	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	262	mg/L			SW846 6020A	#
Iron, Total	0.79	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	26.1	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	8.2	mg/L	0.0056	0.0019	SW846 6020A	#
Nickel, Total	0.0078	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	2.1	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	15.8	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Total	0.0022J	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
1,4-Dichlorobenzene	2.0	ug/L	1.0	0.27	SW846 8260C	#
Bromomethane	0.42J	ug/L	1.0	0.39	SW846 8260C	#
cis-1,2-Dichloroethene	3.9	ug/L	1.0	0.32	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	125	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.264	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	31	mg/L	15	5	EPA 410.4	#
Chloride	135	mg/L	2.0	1.5	EPA 300.0	#
Sulfate	4.9	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	412	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID MW-9 Collected 04/19/2023 12:25
 Lab Sample ID 3298778005 Lab Receipt 04/19/2023 15:54

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.12	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	23.6	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0018J	mg/L	0.0022	0.00074	SW846 6020A	#
Cobalt, Total	0.0031J	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	130	mg/L			SW846 6020A	#
Iron, Total	8.4	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	17.2	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	1.9	mg/L	0.0056	0.0019	SW846 6020A	#
Nickel, Total	0.0030J	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	19.9	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	24.3	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Total	0.0019J	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.40J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	166	mg/L	5	5	SM2320B-2011	#
Ammonia-N	24.0	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	57	mg/L	15	5	EPA 410.4	#
Chloride	48.1	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	0.25J	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	31.3	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	256	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-17	Collected	04/19/2023 14:00
Lab Sample ID	3298778006	Lab Receipt	04/19/2023 15:54

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Arsenic, Total	0.0013J	mg/L	0.0033	0.0011	SW846 6020A	#
Barium, Total	0.15	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	23.8	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0033	mg/L	0.0022	0.00074	SW846 6020A	#
Cobalt, Total	0.018	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	84.7	mg/L			SW846 6020A	#
Iron, Total	21.5	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	6.1	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	4.8	mg/L	0.0056	0.0019	SW846 6020A	#
Nickel, Total	0.0051J	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	1.7	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	7.8	mg/L	0.11	0.037	SW846 6020A	#
Vanadium, Total	0.0017J	mg/L	0.0022	0.00074	SW846 6020A	#
VOLATILE ORGANICS						
1,2-Dichloropropane	1.2	ug/L	1.0	0.24	SW846 8260C	#
1,4-Dichlorobenzene	13.3	ug/L	1.0	0.27	SW846 8260C	#
Acetone	4.2J	ug/L	10.0	3.1	SW846 8260C	#
Benzene	5.2	ug/L	1.0	0.23	SW846 8260C	#
Chlorobenzene	0.36J	ug/L	1.0	0.19	SW846 8260C	#
cis-1,2-Dichloroethene	11.4	ug/L	1.0	0.32	SW846 8260C	#
Cyclohexane	0.48J	ug/L	1.0	0.29	SW846 8260C	#
Methyl t-Butyl Ether	8.0	ug/L	1.0	0.33	SW846 8260C	#
trans-1,2-Dichloroethene	0.82J	ug/L	1.0	0.26	SW846 8260C	#
Trichloroethene	1.2	ug/L	1.0	0.33	SW846 8260C	#
Vinyl Chloride	1.6	ug/L	1.0	0.30	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	117	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.582	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	32	mg/L	15	5	EPA 410.4	#
Chloride	3.4	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	172	mg/L	25	25	SM2540C-15	#



Results

Client Sample ID	Trip Blank	Collected	04/19/2023 00:00
Lab Sample ID	3298778001	Lab Receipt	04/19/2023 15:54

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0047	SW846 8011	1	04/25/2023 00:15	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 00:15	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/02/2023 22:44	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/02/2023 22:44	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/02/2023 22:44	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/02/2023 22:44	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/02/2023 22:44	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/02/2023 22:44	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/02/2023 22:44	PDK	C
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/02/2023 22:44	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/02/2023 22:44	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/02/2023 22:44	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/02/2023 22:44	PDK	C
Bromomethane	0.45J	J	ug/L	1.0	0.39	SW846 8260C	1	05/02/2023 22:44	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/02/2023 22:44	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/02/2023 22:44	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/02/2023 22:44	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/02/2023 22:44	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 22:44	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/02/2023 22:44	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/02/2023 22:44	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/02/2023 22:44	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/02/2023 22:44	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/02/2023 22:44	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/02/2023 22:44	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 22:44	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/02/2023 22:44	PDK	C
Iodomethane	ND	ND,1,2	ug/L	1.0	0.42	SW846 8260C	1	05/02/2023 22:44	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 22:44	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/02/2023 22:44	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/02/2023 22:44	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 22:44	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/02/2023 22:44	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/02/2023 22:44	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/02/2023 22:44	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/02/2023 22:44	PDK	C



Results

Client Sample ID	Trip Blank	Collected	04/19/2023 00:00
Lab Sample ID	3298778001	Lab Receipt	04/19/2023 15:54

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/02/2023 22:44	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/02/2023 22:44	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/02/2023 22:44	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 22:44	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/02/2023 22:44	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/02/2023 22:44	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/02/2023 22:44	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	100%	62 - 133	05/02/2023 22:44	
1-Chloro-2-Fluorobenzene	348-51-6	97.8%	70 - 130	04/25/2023 00:15	
4-Bromofluorobenzene	460-00-4	112%	79 - 114	05/02/2023 22:44	
Dibromofluoromethane	1868-53-7	101%	78 - 116	05/02/2023 22:44	
Toluene-d8	2037-26-5	100%	76 - 127	05/02/2023 22:44	



Results

Client Sample ID	Field Blank	Collected	04/19/2023 09:40
Lab Sample ID	3298778002	Lab Receipt	04/19/2023 15:54

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Barium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Calcium, Total	0.13		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:54	MO	E1
Chromium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Hardness	0.41	4	mg/L			SW846 6020A	1	04/27/2023 11:54	MO	E1
Iron, Total	0.13		mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Magnesium, Total	ND	ND	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:54	MO	E1
Manganese, Total	0.016		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:34	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Potassium, Total	ND	ND	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:54	MO	E1
Selenium, Total	ND	ND,5	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Sodium, Total	0.34		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:54	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:53	RMD	E1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:53	RMD	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0047	SW846 8011	1	04/25/2023 00:31	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 00:31	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/02/2023 23:53	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/02/2023 23:53	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/02/2023 23:53	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/02/2023 23:53	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/02/2023 23:53	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/02/2023 23:53	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/02/2023 23:53	PDK	C



Results

Client Sample ID	Field Blank	Collected	04/19/2023 09:40
Lab Sample ID	3298778002	Lab Receipt	04/19/2023 15:54

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/02/2023 23:53	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/02/2023 23:53	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/02/2023 23:53	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/02/2023 23:53	PDK	C
Bromomethane	0.44J	J	ug/L	1.0	0.39	SW846 8260C	1	05/02/2023 23:53	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/02/2023 23:53	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/02/2023 23:53	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/02/2023 23:53	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/02/2023 23:53	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 23:53	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/02/2023 23:53	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/02/2023 23:53	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/02/2023 23:53	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/02/2023 23:53	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/02/2023 23:53	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/02/2023 23:53	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 23:53	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/02/2023 23:53	PDK	C
Iodomethane	ND	ND,1,2	ug/L	1.0	0.42	SW846 8260C	1	05/02/2023 23:53	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 23:53	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/02/2023 23:53	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/02/2023 23:53	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 23:53	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/02/2023 23:53	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/02/2023 23:53	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/02/2023 23:53	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/02/2023 23:53	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/02/2023 23:53	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/02/2023 23:53	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/02/2023 23:53	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/02/2023 23:53	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/02/2023 23:53	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/02/2023 23:53	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/02/2023 23:53	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 - 133	05/02/2023 23:53	
1-Chloro-2-Fluorobenzene	348-51-6	99.8%	70 - 130	04/25/2023 00:31	
4-Bromofluorobenzene	460-00-4	103%	79 - 114	05/02/2023 23:53	
Dibromofluoromethane	1868-53-7	102%	78 - 116	05/02/2023 23:53	
Toluene-d8	2037-26-5	101%	76 - 127	05/02/2023 23:53	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	Field Blank	Collected	04/19/2023 09:40
Lab Sample ID	3298778002	Lab Receipt	04/19/2023 15:54

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	ND	ND,3	mg/L	5	5	SM2320B-2011	1	04/26/2023 01:55	NML	F
Ammonia-N	0.031J	J	mg/L	0.100	0.003	ASTM D6919-17	1	04/26/2023 13:01	NML	G
Chemical Oxygen Demand (COD)	49		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	G
Chloride	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/20/2023 11:58	J1W	F
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/20/2023 11:58	J1W	F
Sulfate	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/20/2023 11:58	J1W	F
Total Dissolved Solids	ND	ND	mg/L	25	25	SM2540C-15	1	04/25/2023 18:31	GJB	F



Results

Client Sample ID	MW-7	Collected	04/19/2023 10:05
Lab Sample ID	3298778003	Lab Receipt	04/19/2023 15:54

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Barium, Total	0.012		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Calcium, Total	15.2		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:56	MO	E1
Chromium, Total	0.0011J	J	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Hardness	75.5	4	mg/L			SW846 6020A	1	04/27/2023 11:56	MO	E1
Iron, Total	0.032J	J	mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Magnesium, Total	9.1		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:56	MO	E1
Manganese, Total	0.012		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:35	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Potassium, Total	0.96		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:56	MO	E1
Selenium, Total	ND	ND,5	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Sodium, Total	1.4		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:56	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:55	RMD	E1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:55	RMD	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/25/2023 00:46	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0094	SW846 8011	1	04/25/2023 00:46	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 01:01	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 01:01	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/03/2023 01:01	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/03/2023 01:01	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/03/2023 01:01	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/03/2023 01:01	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/03/2023 01:01	PDK	C



Results

Client Sample ID	MW-7	Collected	04/19/2023 10:05
Lab Sample ID	3298778003	Lab Receipt	04/19/2023 15:54

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 01:01	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 01:01	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 01:01	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/03/2023 01:01	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/03/2023 01:01	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 01:01	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:01	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/03/2023 01:01	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 01:01	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:01	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/03/2023 01:01	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:01	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 01:01	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:01	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 01:01	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:01	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:01	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 01:01	PDK	C
Iodomethane	ND	ND,1,2	ug/L	1.0	0.42	SW846 8260C	1	05/03/2023 01:01	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:01	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 01:01	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/03/2023 01:01	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:01	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 01:01	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 01:01	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 01:01	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/03/2023 01:01	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/03/2023 01:01	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 01:01	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/03/2023 01:01	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:01	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 01:01	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/03/2023 01:01	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/03/2023 01:01	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	102%	62 - 133	05/03/2023 01:01	
1-Chloro-2-Fluorobenzene	348-51-6	96.8%	70 - 130	04/25/2023 00:46	
4-Bromofluorobenzene	460-00-4	107%	79 - 114	05/03/2023 01:01	
Dibromofluoromethane	1868-53-7	102%	78 - 116	05/03/2023 01:01	
Toluene-d8	2037-26-5	99.9%	76 - 127	05/03/2023 01:01	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-7	Collected	04/19/2023 10:05
Lab Sample ID	3298778003	Lab Receipt	04/19/2023 15:54

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	65	3	mg/L	5	5	SM2320B-2011	1	04/26/2023 02:07	NML	G
Ammonia-N	0.458		mg/L	0.100	0.03	ASTM D6919-17	10	04/26/2023 12:34	NML	H
Chemical Oxygen Demand (COD)	50		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	H
Chloride	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/20/2023 12:10	J1W	G
Nitrate-N	1.4		mg/L	1.0	0.22	EPA 300.0	2	04/20/2023 12:10	J1W	G
Sulfate	3.4		mg/L	2.0	1.5	EPA 300.0	2	04/20/2023 12:10	J1W	G
Total Dissolved Solids	88		mg/L	25	25	SM2540C-15	1	04/25/2023 18:31	GJB	G



Results

Client Sample ID	MW-19	Collected	04/19/2023 11:00
Lab Sample ID	3298778004	Lab Receipt	04/19/2023 15:54

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Barium, Total	0.0054J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Calcium, Total	62.0		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:58	MO	E1
Chromium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Cobalt, Total	0.028		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Hardness	262	4	mg/L			SW846 6020A	1	04/27/2023 11:58	MO	E1
Iron, Total	0.79		mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Magnesium, Total	26.1		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:58	MO	E1
Manganese, Total	8.2		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:36	WDA	E
Nickel, Total	0.0078		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Potassium, Total	2.1		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:58	MO	E1
Selenium, Total	ND	ND,5	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Sodium, Total	15.8		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 11:58	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:57	RMD	E1
Zinc, Total	0.0022J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:57	RMD	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0047	SW846 8011	1	04/25/2023 01:02	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0096	SW846 8011	1	04/25/2023 01:02	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 01:23	PDK	C
1,4-Dichlorobenzene	2.0		ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 01:23	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/03/2023 01:23	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/03/2023 01:23	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/03/2023 01:23	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/03/2023 01:23	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/03/2023 01:23	PDK	C



Results

Client Sample ID	MW-19	Collected	04/19/2023 11:00
Lab Sample ID	3298778004	Lab Receipt	04/19/2023 15:54

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 01:23	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 01:23	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 01:23	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/03/2023 01:23	PDK	C
Bromomethane	0.42J	J	ug/L	1.0	0.39	SW846 8260C	1	05/03/2023 01:23	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 01:23	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:23	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/03/2023 01:23	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 01:23	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:23	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/03/2023 01:23	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:23	PDK	C
cis-1,2-Dichloroethene	3.9		ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 01:23	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:23	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 01:23	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:23	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:23	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 01:23	PDK	C
Iodomethane	ND	ND,1,2	ug/L	1.0	0.42	SW846 8260C	1	05/03/2023 01:23	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:23	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 01:23	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/03/2023 01:23	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:23	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 01:23	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 01:23	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 01:23	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/03/2023 01:23	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/03/2023 01:23	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 01:23	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/03/2023 01:23	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:23	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 01:23	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/03/2023 01:23	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/03/2023 01:23	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	102%	62 - 133	05/03/2023 01:23	
1-Chloro-2-Fluorobenzene	348-51-6	102%	70 - 130	04/25/2023 01:02	
4-Bromofluorobenzene	460-00-4	106%	79 - 114	05/03/2023 01:23	
Dibromofluoromethane	1868-53-7	104%	78 - 116	05/03/2023 01:23	
Toluene-d8	2037-26-5	102%	76 - 127	05/03/2023 01:23	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-19	Collected	04/19/2023 11:00
Lab Sample ID	3298778004	Lab Receipt	04/19/2023 15:54

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	125	3	mg/L	5	5	SM2320B-2011	1	04/26/2023 02:19	NML	G
Ammonia-N	0.264		mg/L	0.100	0.03	ASTM D6919-17	10	04/26/2023 12:20	NML	H
Chemical Oxygen Demand (COD)	31		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	H
Chloride	135		mg/L	2.0	1.5	EPA 300.0	2	04/20/2023 12:21	J1W	G
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/20/2023 12:21	J1W	G
Sulfate	4.9		mg/L	2.0	1.5	EPA 300.0	2	04/20/2023 12:21	J1W	G
Total Dissolved Solids	412		mg/L	25	25	SM2540C-15	1	04/25/2023 18:31	GJB	G



Results

Client Sample ID	MW-9	Collected	04/19/2023 12:25
Lab Sample ID	3298778005	Lab Receipt	04/19/2023 15:54

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Barium, Total	0.12		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Calcium, Total	23.6		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 12:00	MO	E1
Chromium, Total	0.0018J	J	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Cobalt, Total	0.0031J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Hardness	130	4	mg/L			SW846 6020A	1	04/27/2023 12:00	MO	E1
Iron, Total	8.4		mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Magnesium, Total	17.2		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 12:00	MO	E1
Manganese, Total	1.9		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:37	WDA	E
Nickel, Total	0.0030J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Potassium, Total	19.9		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 12:00	MO	E1
Selenium, Total	ND	ND,5	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Sodium, Total	24.3		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 12:00	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 20:59	RMD	E1
Zinc, Total	0.0019J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 20:59	RMD	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/25/2023 01:17	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0094	SW846 8011	1	04/25/2023 01:17	EGO	A
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 01:46	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 01:46	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/03/2023 01:46	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/03/2023 01:46	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/03/2023 01:46	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/03/2023 01:46	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/03/2023 01:46	PDK	C



Results

Client Sample ID	MW-9	Collected	04/19/2023 12:25
Lab Sample ID	3298778005	Lab Receipt	04/19/2023 15:54

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 01:46	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 01:46	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 01:46	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/03/2023 01:46	PDK	C
Bromomethane	0.40J	J	ug/L	1.0	0.39	SW846 8260C	1	05/03/2023 01:46	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 01:46	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:46	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/03/2023 01:46	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 01:46	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:46	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/03/2023 01:46	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:46	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 01:46	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:46	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 01:46	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 01:46	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:46	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 01:46	PDK	C
Iodomethane	ND	ND,1,2	ug/L	1.0	0.42	SW846 8260C	1	05/03/2023 01:46	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:46	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 01:46	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/03/2023 01:46	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:46	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 01:46	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 01:46	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 01:46	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/03/2023 01:46	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/03/2023 01:46	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 01:46	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/03/2023 01:46	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 01:46	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 01:46	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/03/2023 01:46	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/03/2023 01:46	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	62 - 133	05/03/2023 01:46	
1-Chloro-2-Fluorobenzene	348-51-6	90.4%	70 - 130	04/25/2023 01:17	
4-Bromofluorobenzene	460-00-4	104%	79 - 114	05/03/2023 01:46	
Dibromofluoromethane	1868-53-7	101%	78 - 116	05/03/2023 01:46	
Toluene-d8	2037-26-5	100%	76 - 127	05/03/2023 01:46	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-9	Collected	04/19/2023 12:25
Lab Sample ID	3298778005	Lab Receipt	04/19/2023 15:54

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	166	3	mg/L	5	5	SM2320B-2011	1	04/26/2023 02:29	NML	G
Ammonia-N	24.0		mg/L	0.100	0.03	ASTM D6919-17	10	04/26/2023 13:15	NML	H
Chemical Oxygen Demand (COD)	57		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	H
Chloride	48.1		mg/L	2.0	1.5	EPA 300.0	2	04/20/2023 13:07	J1W	G
Nitrate-N	0.25J	J	mg/L	1.0	0.22	EPA 300.0	2	04/20/2023 13:07	J1W	G
Sulfate	31.3		mg/L	2.0	1.5	EPA 300.0	2	04/20/2023 13:07	J1W	G
Total Dissolved Solids	256		mg/L	25	25	SM2540C-15	1	04/25/2023 18:31	GJB	G



Results

Client Sample ID	MW-17	Collected	04/19/2023 14:00
Lab Sample ID	3298778006	Lab Receipt	04/19/2023 15:54

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Arsenic, Total	0.0013J	J	mg/L	0.0033	0.0011	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Barium, Total	0.15		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Calcium, Total	23.8		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 12:22	MO	E1
Chromium, Total	0.0033		mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Cobalt, Total	0.018		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Hardness	84.7	4	mg/L			SW846 6020A	1	04/27/2023 12:22	MO	E1
Iron, Total	21.5		mg/L	0.056	0.019	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Magnesium, Total	6.1		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 12:22	MO	E1
Manganese, Total	4.8		mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/20/2023 14:41	WDA	E
Nickel, Total	0.0051J	J	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Potassium, Total	1.7		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 12:22	MO	E1
Selenium, Total	ND	ND,5	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Sodium, Total	7.8		mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 12:22	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Vanadium, Total	0.0017J	J	mg/L	0.0022	0.00074	SW846 6020A	1	04/25/2023 21:01	RMD	E1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	04/25/2023 21:01	RMD	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0047	SW846 8011	1	04/25/2023 01:33	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 01:33	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,2-Dichloropropane	1.2		ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 02:09	PDK	C
1,4-Dichlorobenzene	13.3		ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 02:09	PDK	C
2-Butanone	ND	ND,6	ug/L	10.0	1.8	SW846 8260C	1	05/03/2023 02:09	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/03/2023 02:09	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/03/2023 02:09	PDK	C
Acetone	4.2J	J	ug/L	10.0	3.1	SW846 8260C	1	05/03/2023 02:09	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/03/2023 02:09	PDK	C



Results

Client Sample ID	MW-17	Collected	04/19/2023 14:00
Lab Sample ID	3298778006	Lab Receipt	04/19/2023 15:54

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	5.2		ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 02:09	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 02:09	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 02:09	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/03/2023 02:09	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/03/2023 02:09	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 02:09	PDK	C
Carbon Tetrachloride	ND	ND,7	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 02:09	PDK	C
Chlorobenzene	0.36J	J	ug/L	1.0	0.19	SW846 8260C	1	05/03/2023 02:09	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 02:09	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 02:09	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/03/2023 02:09	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 02:09	PDK	C
cis-1,2-Dichloroethene	11.4		ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 02:09	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 02:09	PDK	C
Cyclohexane	0.48J	J	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 02:09	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 02:09	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 02:09	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 02:09	PDK	C
Iodomethane	ND	ND,1,2,8,9	ug/L	1.0	0.42	SW846 8260C	1	05/03/2023 02:09	PDK	C
Methyl t-Butyl Ether	8.0		ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 02:09	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 02:09	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/03/2023 02:09	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 02:09	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 02:09	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 02:09	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 02:09	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/03/2023 02:09	PDK	C
trans-1,2-Dichloroethene	0.82J	J	ug/L	1.0	0.26	SW846 8260C	1	05/03/2023 02:09	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 02:09	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/03/2023 02:09	PDK	C
Trichloroethene	1.2		ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 02:09	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 02:09	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/03/2023 02:09	PDK	C
Vinyl Chloride	1.6		ug/L	1.0	0.30	SW846 8260C	1	05/03/2023 02:09	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 - 133	05/03/2023 02:09	
1-Chloro-2-Fluorobenzene	348-51-6	98.1%	70 - 130	04/25/2023 01:33	
4-Bromofluorobenzene	460-00-4	104%	79 - 114	05/03/2023 02:09	
Dibromofluoromethane	1868-53-7	104%	78 - 116	05/03/2023 02:09	
Toluene-d8	2037-26-5	99.1%	76 - 127	05/03/2023 02:09	

WET CHEMISTRY



Results

Client Sample ID	MW-17	Collected	04/19/2023 14:00
Lab Sample ID	3298778006	Lab Receipt	04/19/2023 15:54

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	117	3	mg/L	5	5	SM2320B-2011	1	04/26/2023 03:14	NML	G
Ammonia-N	0.582		mg/L	0.100	0.03	ASTM D6919-17	10	04/26/2023 12:47	NML	H
Chemical Oxygen Demand (COD)	32		mg/L	15	5	EPA 410.4	1	04/25/2023 10:26	KMS	H
Chloride	3.4		mg/L	2.0	1.5	EPA 300.0	2	04/20/2023 13:18	J1W	G
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/20/2023 13:18	J1W	G
Sulfate	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/20/2023 13:18	J1W	G
Total Dissolved Solids	172		mg/L	25	25	SM2540C-15	1	04/25/2023 18:31	GJB	G



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3298778001	Trip Blank	SW846 8011	SW846 8011	
		SW846 8260C	N/A	
3298778002	Field Blank	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
3298778003	MW-7	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
3298778004	MW-19	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
3298778005	MW-9	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
3298778006	MW-17	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3298778001	Trip Blank	SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	984836
3298778002	Field Blank	SW846 3015A	976553	04/20/2023 20:30	ANN	SW846 6020A	979067
		SW846 3015A	976553	04/20/2023 20:30	ANN	SW846 6020A	980607
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	984836
		N/A	N/A	N/A		ASTM D6919-17	978867
		N/A	N/A	N/A		EPA 300.0	976361
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475
N/A	N/A	N/A		SM2540C-15	978629		
3298778003	MW-7	SW846 3015A	976553	04/20/2023 20:30	ANN	SW846 6020A	979067
		SW846 3015A	976553	04/20/2023 20:30	ANN	SW846 6020A	980607
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	984836
		N/A	N/A	N/A		ASTM D6919-17	978867
		N/A	N/A	N/A		EPA 300.0	976361
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475
N/A	N/A	N/A		SM2540C-15	978629		
3298778004	MW-19	SW846 3015A	976553	04/20/2023 20:30	ANN	SW846 6020A	979067
		SW846 3015A	976553	04/20/2023 20:30	ANN	SW846 6020A	980607
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	984836
		N/A	N/A	N/A		ASTM D6919-17	978867
		N/A	N/A	N/A		EPA 300.0	976361
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475
N/A	N/A	N/A		SM2540C-15	978629		
3298778005	MW-9	SW846 3015A	976553	04/20/2023 20:30	ANN	SW846 6020A	979067
		SW846 3015A	976553	04/20/2023 20:30	ANN	SW846 6020A	980607
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	984836
		N/A	N/A	N/A		ASTM D6919-17	978867
		N/A	N/A	N/A		EPA 300.0	976361
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475
N/A	N/A	N/A		SM2540C-15	978629		
3298778006	MW-17	SW846 3015A	976553	04/20/2023 20:30	ANN	SW846 6020A	979067
		SW846 3015A	976553	04/20/2023 20:30	ANN	SW846 6020A	980607
		SW846 7470A	976357	04/20/2023 08:10	WDA	SW846 7470A	976487
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	984836
		N/A	N/A	N/A		ASTM D6919-17	978867
		N/A	N/A	N/A		EPA 300.0	976361
		N/A	N/A	N/A		EPA 410.4	978875
		N/A	N/A	N/A		SM2320B-2011	978475
N/A	N/A	N/A		SM2540C-15	978629		

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

3298778
 Logged By: SLS
 PM: GJM

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-83



Laboratory: ALS

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356

Sampler: Laura Russell Tom Reed

Facility Name: Parkton Sanitary Landfill

Project# / Purpose: 3926-2000

Invoice To: Same

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
1	Trip Blank	N/A	40 mL G Na2S2O3	W	2	4-19-23	--	VOCs (8011)
2	Field Blank	G	40 mL G Na2S2O3	W	2	4-19-23	0940	VOCs (8011)
			40 mL G HCl	W	2			VOCs (8260)
			125 mL P HNO3	W	1			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Tl, V, Zn (6020), Hg (7470), Hardness
			1 L P unpreserved	W	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
			250 mL P H2SO4	W	1			Ammonia, COD
<p>Temp By: <u>DAG</u> WO Temp (°C) <u>3°</u> Therm ID <u>570</u></p> <p>Receipt Info Completed By: <u>[Signature]</u></p> <p> <input checked="" type="checkbox"/> Cooler Custody Seal Intact <input checked="" type="checkbox"/> Sample Custody Seal Intact <input checked="" type="checkbox"/> Received on Ice <input checked="" type="checkbox"/> Cooler & Samples Intact <input checked="" type="checkbox"/> Correct Containers Provided <input checked="" type="checkbox"/> Sample Label/COC Agree <input checked="" type="checkbox"/> Adequate Sample Volumes <input checked="" type="checkbox"/> GR6 Samples Filtered <input checked="" type="checkbox"/> OP Samples Filtered <input checked="" type="checkbox"/> VOA Headspace Present <input checked="" type="checkbox"/> Voa Trip Blank <input checked="" type="checkbox"/> NIS 4 Days? <input checked="" type="checkbox"/> Rad Screen (uCi) <input checked="" type="checkbox"/> Courier/Tracking #: </p> <p> Transferred by: <u>[Signature]</u> Date: <u>4-19-23</u> Time: <u>1500</u> Transferred by: <u>[Signature]</u> Date: <u>4-19-23</u> Time: <u>1554</u> Transferred by: _____ Date: _____ Time: _____ </p>								

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8200

3298778

Laboratory: ALS

Sampler: Laura Russell/Tom Reedy

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Facility Name: Parkton Sanitary Landfill

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356

Project# / Purpose: 3926-2000

Invoice To: Same

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
3	MW-7	G	40 mL G Na2S2O3	NPW	2	4-19-23	1005	VOCs (8011)
			40 mL G HCl	NPW	2			VOCs (8260)
			125 mL P HNO3	NPW	2			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn (6020), Hg (7470), Hardness
			1 L P unpreserved	NPW	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
			250 mL P H2SO4	NPW	1			Ammonia, COD
4	MW-19	G	Same as Sample # 3	NPW	8	4-19-23	1100	Same as Sample #3
5	MW-9	G	Same as Sample #3	NPW	8	4-19-23	1225	Same as Sample #3
6	MW-17	G	Same as Sample #3	NPW	8	4-19-23	1400	Same as Sample #3

Transferred by: Tom Reedy Date: 4-19-23 Time: 1300

Received by: DA G Date: 4/19/23 Time: 1534

Transferred by: _____ Date: _____ Time: _____

Received by: _____ Date: _____ Time: _____

Received by: _____ Date: _____ Time: _____

Initials: _____ Date: _____

Cooler Receipt Information (LAB USE ONLY)
 Sufficient ice? - Yes/No _____ Temp. = _____
 Sample containers properly pres'd? - Yes/No _____ If No, explain _____



301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For Maryland Environmental Services - Landfills

Report ID [243065 on 5/10/2023](#)

Certificate of Analysis

Project Name:	Parkton Sanitary Landfill	Workorder:	3299060
Purchase Order:	MA 3680	Workorder ID:	Parkton Sanitary Landfill

Enclosed are the analytical results for samples received by the laboratory on Thursday, April 20, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact George Methlie (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements.

The test results meet requirements of the current NELAP standards or state requirements, where applicable.

For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s): Maryland Services-ENVOPS - Maryland Environmental Services - Landfills Cheryl Griffin - Maryland Environmental Services Jessica Cox - Maryland Environmental Services Maryland Services-LF Data - Maryland Environmental Services

George Methlie
Project Coordinator

(ALS Digital Signature)

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3299060001	Trip Blank	Water	04/20/2023 00:00	04/20/2023 16:20	CBC	Collected By Client
3299060002	Field Blank	Water	04/20/2023 09:35	04/20/2023 16:20	CBC	Collected By Client
3299060003	MW-22	Water	04/20/2023 10:00	04/20/2023 16:20	CBC	Collected By Client
3299060004	MW-10	Water	04/20/2023 11:05	04/20/2023 16:20	CBC	Collected By Client
3299060005	MW-15	Water	04/20/2023 12:30	04/20/2023 16:20	CBC	Collected By Client
3299060006	MW-16	Water	04/20/2023 13:15	04/20/2023 16:20	CBC	Collected By Client
3299060007	MW-21D	Water	04/20/2023 14:45	04/20/2023 16:20	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136.
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Notations

Sample Notations

Lab ID **Sample ID**

Result Notations

Notation Ref.

1	The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L.
2	This sample result was calculated and reported using Method SM2340B-2011.
3	The QC sample type MS for method SW846 8260C was outside the control limits for the analyte Bromochloromethane. The % Recovery was reported as 119 and the control limits were 73 to 117.
4	The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte 2-Butanone. The RPD was reported as 38.9 and the upper control limit is 16.
5	The QC sample type MS for method SW846 8260C was outside the control limits for the analyte Carbon Disulfide. The % Recovery was reported as 145 and the control limits were 57 to 131.
6	The QC sample type MS for method SW846 8260C was outside the control limits for the analyte Carbon Tetrachloride. The % Recovery was reported as 135 and the control limits were 62 to 132.
7	The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte Carbon Tetrachloride. The RPD was reported as 23 and the upper control limit is 17.
8	The QC sample type MS for method SW846 8260C was outside the control limits for the analyte Trichlorofluoromethane. The % Recovery was reported as 124 and the control limits were 38 to 123.
9	The QC sample type MS for method EPA 300.0 was outside the control limits for the analyte Chloride. The % Recovery was reported as 37.7 and the control limits were 80 to 120.



Detected Results Summary

Client Sample ID	Field Blank	Collected	04/20/2023 09:35
Lab Sample ID	3299060002	Lab Receipt	04/20/2023 16:20

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>MDL</u>	<u>Method</u>	<u>Flag</u>
METALS						
Calcium, Total	0.10J	mg/L	0.11	0.037	SW846 6020A	#
Hardness	0.61	mg/L			SW846 6020A	#
Magnesium, Total	0.086J	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	0.62	mg/L	0.11	0.037	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.47J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Ammonia-N	0.032J	mg/L	0.100	0.003	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	31	mg/L	15	5	EPA 410.4	#



Detected Results Summary

Client Sample ID	MW-22	Collected	04/20/2023 10:00
Lab Sample ID	3299060003	Lab Receipt	04/20/2023 16:20

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.029	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	145	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.00080J	mg/L	0.0022	0.00074	SW846 6020A	#
Hardness	435	mg/L			SW846 6020A	#
Iron, Total	0.056	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	17.7	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.055	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	1.3	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	9.5	mg/L	0.11	0.037	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.50J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	47	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.317	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	41	mg/L	15	5	EPA 410.4	#
Chloride	300	mg/L	10.0	7.5	EPA 300.0	#
Sulfate	17.4	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	848	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-10	Collected	04/20/2023 11:05
Lab Sample ID	3299060004	Lab Receipt	04/20/2023 16:20

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.031	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	124	mg/L	0.11	0.037	SW846 6020A	#
Copper, Total	0.0062	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	397	mg/L			SW846 6020A	#
Iron, Total	36.7	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	21.4	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.39	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	2.2	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	17.0	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Total	0.0032J	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
1,1-Dichloroethane	0.42J	ug/L	1.0	0.28	SW846 8260C	#
1,4-Dichlorobenzene	3.1	ug/L	1.0	0.27	SW846 8260C	#
Bromomethane	0.41J	ug/L	1.0	0.39	SW846 8260C	#
cis-1,2-Dichloroethene	11.7	ug/L	1.0	0.32	SW846 8260C	#
Methyl t-Butyl Ether	0.78J	ug/L	1.0	0.33	SW846 8260C	#
trans-1,2-Dichloroethene	0.36J	ug/L	1.0	0.26	SW846 8260C	#
Vinyl Chloride	0.37J	ug/L	1.0	0.30	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	277	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.224	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	35	mg/L	15	5	EPA 410.4	#
Chloride	115	mg/L	2.0	1.5	EPA 300.0	#
Sulfate	4.2	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	598	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-15	Collected	04/20/2023 12:30
Lab Sample ID	3299060005	Lab Receipt	04/20/2023 16:20

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.0031J	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	34.0	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0026	mg/L	0.0022	0.00074	SW846 6020A	#
Copper, Total	0.0031J	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	136	mg/L			SW846 6020A	#
Iron, Total	36.4	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	12.4	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.67	mg/L	0.0056	0.0019	SW846 6020A	#
Nickel, Total	0.0031J	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	1.6	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	11.3	mg/L	0.11	0.037	SW846 6020A	#
Vanadium, Total	0.00077J	mg/L	0.0022	0.00074	SW846 6020A	#
VOLATILE ORGANICS						
1,4-Dichlorobenzene	0.42J	ug/L	1.0	0.27	SW846 8260C	#
Bromomethane	0.48J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	77	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.508	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	28	mg/L	15	5	EPA 410.4	#
Chloride	60.4	mg/L	2.0	1.5	EPA 300.0	#
Sulfate	2.1	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	280	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-16	Collected	04/20/2023 13:15
Lab Sample ID	3299060006	Lab Receipt	04/20/2023 16:20

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.33	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	166	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0038	mg/L	0.0022	0.00074	SW846 6020A	#
Cobalt, Total	0.0059	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	614	mg/L			SW846 6020A	#
Iron, Total	36.4	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	48.4	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	8.6	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	6.6	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	52.7	mg/L	0.11	0.037	SW846 6020A	#
Vanadium, Total	0.0016J	mg/L	0.0022	0.00074	SW846 6020A	#
VOLATILE ORGANICS						
1,2-Dichloroethane	0.36J	ug/L	1.0	0.32	SW846 8260C	#
1,4-Dichlorobenzene	13.7	ug/L	1.0	0.27	SW846 8260C	#
Benzene	4.5	ug/L	1.0	0.23	SW846 8260C	#
Bromomethane	0.43J	ug/L	1.0	0.39	SW846 8260C	#
Chlorobenzene	0.38J	ug/L	1.0	0.19	SW846 8260C	#
Chloroethane	0.36J	ug/L	1.0	0.33	SW846 8260C	#
cis-1,2-Dichloroethene	17.1	ug/L	1.0	0.32	SW846 8260C	#
Cyclohexane	0.34J	ug/L	1.0	0.29	SW846 8260C	#
Methyl t-Butyl Ether	1.4	ug/L	1.0	0.33	SW846 8260C	#
Methylene Chloride	0.49J	ug/L	1.0	0.45	SW846 8260C	#
trans-1,2-Dichloroethene	0.39J	ug/L	1.0	0.26	SW846 8260C	#
Trichloroethene	3.3	ug/L	1.0	0.33	SW846 8260C	#
Vinyl Chloride	1.1	ug/L	1.0	0.30	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	121	mg/L	5	5	SM2320B-2011	#
Chemical Oxygen Demand (COD)	26	mg/L	15	5	EPA 410.4	#
Chloride	480	mg/L	5.0	3.8	EPA 300.0	#
Sulfate	5.5	mg/L	5.0	3.9	EPA 300.0	#
Total Dissolved Solids	1530	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID MW-21D Collected 04/20/2023 14:45
 Lab Sample ID 3299060007 Lab Receipt 04/20/2023 16:20

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>MDL</u>	<u>Method</u>	<u>Flag</u>
METALS						
Barium, Total	0.0063	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	236	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0053	mg/L	0.0022	0.00074	SW846 6020A	#
Copper, Total	0.0033J	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	959	mg/L			SW846 6020A	#
Iron, Total	0.083	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	90.0	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.013	mg/L	0.0056	0.0019	SW846 6020A	#
Nickel, Total	0.0096	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	2.9	mg/L	0.11	0.037	SW846 6020A	#
Silver, Total	0.0028	mg/L	0.0022	0.00074	SW846 6020A	#
Sodium, Total	208	mg/L	11.0	3.7	SW846 6020A	#
Zinc, Total	0.0061	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.45J	ug/L	1.0	0.39	SW846 8260C	#
Chloroform	0.33J	ug/L	1.0	0.21	SW846 8260C	#
Methyl t-Butyl Ether	0.73J	ug/L	1.0	0.33	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	63	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.183	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	25	mg/L	15	5	EPA 410.4	#
Chloride	985	mg/L	10.0	7.5	EPA 300.0	#
Nitrate-N	3.6	mg/L	2.5	0.55	EPA 300.0	#
Sulfate	5.9	mg/L	5.0	3.9	EPA 300.0	#
Total Dissolved Solids	2740	mg/L	25	25	SM2540C-15	#



Results

Client Sample ID	Trip Blank	Collected	04/20/2023 00:00
Lab Sample ID	3299060001	Lab Receipt	04/20/2023 16:20

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/25/2023 01:48	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0093	SW846 8011	1	04/25/2023 01:48	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 22:48	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 22:48	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/03/2023 22:48	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/03/2023 22:48	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/03/2023 22:48	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/03/2023 22:48	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/03/2023 22:48	PDK	C
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 22:48	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 22:48	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 22:48	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/03/2023 22:48	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/03/2023 22:48	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 22:48	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 22:48	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/03/2023 22:48	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 22:48	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 22:48	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/03/2023 22:48	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 22:48	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 22:48	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 22:48	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 22:48	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 22:48	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 22:48	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 22:48	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/03/2023 22:48	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 22:48	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 22:48	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/03/2023 22:48	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 22:48	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 22:48	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 22:48	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 22:48	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/03/2023 22:48	PDK	C



Results

Client Sample ID	Trip Blank	Collected	04/20/2023 00:00
Lab Sample ID	3299060001	Lab Receipt	04/20/2023 16:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/03/2023 22:48	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 22:48	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/03/2023 22:48	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 22:48	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 22:48	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/03/2023 22:48	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/03/2023 22:48	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	101%	62 - 133	05/03/2023 22:48	
1-Chloro-2-Fluorobenzene	348-51-6	96.3%	70 - 130	04/25/2023 01:48	
4-Bromofluorobenzene	460-00-4	109%	79 - 114	05/03/2023 22:48	
Dibromofluoromethane	1868-53-7	100%	78 - 116	05/03/2023 22:48	
Toluene-d8	2037-26-5	100%	76 - 127	05/03/2023 22:48	



Results

Client Sample ID	Field Blank	Collected	04/20/2023 09:35
Lab Sample ID	3299060002	Lab Receipt	04/20/2023 16:20

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:30	MO	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:30	MO	E1
Barium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:30	MO	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:30	MO	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:30	MO	E1
Calcium, Total	0.10J	J	mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:30	MO	E1
Chromium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:30	MO	E1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:30	MO	E1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:30	MO	E1
Hardness	0.61	2	mg/L			SW846 6020A	1	05/01/2023 11:30	MO	E1
Iron, Total	ND	ND	mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:30	MO	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:30	MO	E1
Magnesium, Total	0.086J	J	mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:30	MO	E1
Manganese, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:30	MO	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 09:47	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:30	MO	E1
Potassium, Total	ND	ND	mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:30	MO	E1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:30	MO	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:30	MO	E1
Sodium, Total	0.62		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:30	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:30	MO	E1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:30	MO	E1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:30	MO	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0047	SW846 8011	1	04/25/2023 02:03	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0096	SW846 8011	1	04/25/2023 02:03	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 00:41	PKD	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 00:41	PKD	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 00:41	PKD	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 00:41	PKD	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 00:41	PKD	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 00:41	PKD	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 00:41	PKD	C



Results

Client Sample ID	Field Blank	Collected	04/20/2023 09:35
Lab Sample ID	3299060002	Lab Receipt	04/20/2023 16:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 00:41	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 00:41	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 00:41	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 00:41	PDK	C
Bromomethane	0.47J	J	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 00:41	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 00:41	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 00:41	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 00:41	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 00:41	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 00:41	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 00:41	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 00:41	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 00:41	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 00:41	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 00:41	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 00:41	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 00:41	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 00:41	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 00:41	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 00:41	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 00:41	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 00:41	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 00:41	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 00:41	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 00:41	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 00:41	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 00:41	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 00:41	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 00:41	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 00:41	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 00:41	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 00:41	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 00:41	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 00:41	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	103%	62 - 133	05/04/2023 00:41	
1-Chloro-2-Fluorobenzene	348-51-6	98.3%	70 - 130	04/25/2023 02:03	
4-Bromofluorobenzene	460-00-4	105%	79 - 114	05/04/2023 00:41	
Dibromofluoromethane	1868-53-7	103%	78 - 116	05/04/2023 00:41	
Toluene-d8	2037-26-5	99%	76 - 127	05/04/2023 00:41	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	Field Blank	Collected	04/20/2023 09:35
Lab Sample ID	3299060002	Lab Receipt	04/20/2023 16:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	ND	ND,1	mg/L	5	5	SM2320B-2011	1	04/26/2023 09:14	NML	F
Ammonia-N	0.032J	J	mg/L	0.100	0.003	ASTM D6919-17	1	04/27/2023 08:23	NML	G
Chemical Oxygen Demand (COD)	31		mg/L	15	5	EPA 410.4	1	04/25/2023 14:41	KMS	G
Chloride	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/21/2023 14:55	J1W	F
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/21/2023 14:55	J1W	F
Sulfate	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/21/2023 14:55	J1W	F
Total Dissolved Solids	ND	ND	mg/L	25	25	SM2540C-15	1	04/26/2023 16:46	GJB	F



Results

Client Sample ID	MW-22	Collected	04/20/2023 10:00
Lab Sample ID	3299060003	Lab Receipt	04/20/2023 16:20

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:32	MO	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:32	MO	E1
Barium, Total	0.029		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:32	MO	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:32	MO	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:32	MO	E1
Calcium, Total	145		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:32	MO	E1
Chromium, Total	0.00080J	J	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:32	MO	E1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:32	MO	E1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:32	MO	E1
Hardness	435	2	mg/L			SW846 6020A	1	05/01/2023 11:32	MO	E1
Iron, Total	0.056		mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:32	MO	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:32	MO	E1
Magnesium, Total	17.7		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:32	MO	E1
Manganese, Total	0.055		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:32	MO	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 09:48	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:32	MO	E1
Potassium, Total	1.3		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:32	MO	E1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:32	MO	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:32	MO	E1
Sodium, Total	9.5		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:32	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:32	MO	E1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:32	MO	E1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:32	MO	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/25/2023 02:19	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 02:19	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 01:27	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 01:27	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 01:27	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 01:27	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 01:27	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 01:27	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 01:27	PDK	C



Results

Client Sample ID	MW-22	Collected	04/20/2023 10:00
Lab Sample ID	3299060003	Lab Receipt	04/20/2023 16:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 01:27	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 01:27	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 01:27	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 01:27	PDK	C
Bromomethane	0.50J	J	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 01:27	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 01:27	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:27	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 01:27	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 01:27	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:27	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 01:27	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:27	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 01:27	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:27	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 01:27	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:27	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:27	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 01:27	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 01:27	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:27	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 01:27	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 01:27	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:27	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 01:27	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 01:27	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 01:27	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 01:27	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 01:27	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 01:27	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 01:27	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:27	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 01:27	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 01:27	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 01:27	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 - 133	05/04/2023 01:27	
1-Chloro-2-Fluorobenzene	348-51-6	98.5%	70 - 130	04/25/2023 02:19	
4-Bromofluorobenzene	460-00-4	103%	79 - 114	05/04/2023 01:27	
Dibromofluoromethane	1868-53-7	104%	78 - 116	05/04/2023 01:27	
Toluene-d8	2037-26-5	99.4%	76 - 127	05/04/2023 01:27	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-22	Collected	04/20/2023 10:00
Lab Sample ID	3299060003	Lab Receipt	04/20/2023 16:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	47	1	mg/L	5	5	SM2320B-2011	1	04/26/2023 09:26	NML	G
Ammonia-N	0.317		mg/L	0.100	0.03	ASTM D6919-17	10	04/27/2023 06:06	NML	H
Chemical Oxygen Demand (COD)	41		mg/L	15	5	EPA 410.4	1	04/25/2023 14:41	KMS	H
Chloride	300		mg/L	10.0	7.5	EPA 300.0	10	04/25/2023 09:16	J1W	G
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/21/2023 15:05	J1W	G
Sulfate	17.4		mg/L	2.0	1.5	EPA 300.0	2	04/21/2023 15:05	J1W	G
Total Dissolved Solids	848		mg/L	25	25	SM2540C-15	1	04/26/2023 16:46	GJB	G



Results

Client Sample ID	MW-10	Collected	04/20/2023 11:05
Lab Sample ID	3299060004	Lab Receipt	04/20/2023 16:20

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:34	MO	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:34	MO	E1
Barium, Total	0.031		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:34	MO	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:34	MO	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:34	MO	E1
Calcium, Total	124		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:34	MO	E1
Chromium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:34	MO	E1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:34	MO	E1
Copper, Total	0.0062		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:34	MO	E1
Hardness	397	2	mg/L			SW846 6020A	1	05/01/2023 11:34	MO	E1
Iron, Total	36.7		mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:34	MO	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:34	MO	E1
Magnesium, Total	21.4		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:34	MO	E1
Manganese, Total	0.39		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:34	MO	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 09:49	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:34	MO	E1
Potassium, Total	2.2		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:34	MO	E1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:34	MO	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:34	MO	E1
Sodium, Total	17.0		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:34	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:34	MO	E1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:34	MO	E1
Zinc, Total	0.0032J	J	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:34	MO	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,1-Dichloroethane	0.42J	J	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0048	SW846 8011	1	04/25/2023 02:50	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0097	SW846 8011	1	04/25/2023 02:50	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 01:49	PDK	C
1,4-Dichlorobenzene	3.1		ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 01:49	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 01:49	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 01:49	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 01:49	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 01:49	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 01:49	PDK	C



Results

Client Sample ID	MW-10	Collected	04/20/2023 11:05
Lab Sample ID	3299060004	Lab Receipt	04/20/2023 16:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 01:49	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 01:49	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 01:49	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 01:49	PDK	C
Bromomethane	0.41J	J	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 01:49	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 01:49	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:49	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 01:49	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 01:49	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:49	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 01:49	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:49	PDK	C
cis-1,2-Dichloroethene	11.7		ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 01:49	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:49	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 01:49	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:49	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:49	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 01:49	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 01:49	PDK	C
Methyl t-Butyl Ether	0.78J	J	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:49	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 01:49	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 01:49	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:49	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 01:49	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 01:49	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 01:49	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 01:49	PDK	C
trans-1,2-Dichloroethene	0.36J	J	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 01:49	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 01:49	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 01:49	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:49	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 01:49	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 01:49	PDK	C
Vinyl Chloride	0.37J	J	ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 01:49	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 - 133	05/04/2023 01:49	
1-Chloro-2-Fluorobenzene	348-51-6	99.5%	70 - 130	04/25/2023 02:50	
4-Bromofluorobenzene	460-00-4	104%	79 - 114	05/04/2023 01:49	
Dibromofluoromethane	1868-53-7	104%	78 - 116	05/04/2023 01:49	
Toluene-d8	2037-26-5	101%	76 - 127	05/04/2023 01:49	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-10	Collected	04/20/2023 11:05
Lab Sample ID	3299060004	Lab Receipt	04/20/2023 16:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	277	1	mg/L	5	5	SM2320B-2011	1	04/26/2023 09:37	NML	G
Ammonia-N	0.224		mg/L	0.100	0.03	ASTM D6919-17	10	04/27/2023 08:37	NML	H
Chemical Oxygen Demand (COD)	35		mg/L	15	5	EPA 410.4	1	04/25/2023 14:41	KMS	H
Chloride	115		mg/L	2.0	1.5	EPA 300.0	2	04/21/2023 15:15	J1W	G
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/21/2023 15:15	J1W	G
Sulfate	4.2		mg/L	2.0	1.5	EPA 300.0	2	04/21/2023 15:15	J1W	G
Total Dissolved Solids	598		mg/L	25	25	SM2540C-15	1	04/26/2023 16:46	GJB	G



Results

Client Sample ID	MW-15	Collected	04/20/2023 12:30
Lab Sample ID	3299060005	Lab Receipt	04/20/2023 16:20

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:36	MO	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:36	MO	E1
Barium, Total	0.0031J	J	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:36	MO	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:36	MO	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:36	MO	E1
Calcium, Total	34.0		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:36	MO	E1
Chromium, Total	0.0026		mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:36	MO	E1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:36	MO	E1
Copper, Total	0.0031J	J	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:36	MO	E1
Hardness	136	2	mg/L			SW846 6020A	1	05/01/2023 11:36	MO	E1
Iron, Total	36.4		mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:36	MO	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:36	MO	E1
Magnesium, Total	12.4		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:36	MO	E1
Manganese, Total	0.67		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:36	MO	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 10:06	WDA	E
Nickel, Total	0.0031J	J	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:36	MO	E1
Potassium, Total	1.6		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:36	MO	E1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:36	MO	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:36	MO	E1
Sodium, Total	11.3		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:36	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:36	MO	E1
Vanadium, Total	0.00077J	J	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:36	MO	E1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:36	MO	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/25/2023 03:05	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 03:05	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 02:12	PKD	C
1,4-Dichlorobenzene	0.42J	J	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 02:12	PKD	C
2-Butanone	ND	ND,4	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 02:12	PKD	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 02:12	PKD	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 02:12	PKD	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 02:12	PKD	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 02:12	PKD	C



Results

Client Sample ID	MW-15	Collected	04/20/2023 12:30
Lab Sample ID	3299060005	Lab Receipt	04/20/2023 16:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 02:12	PDK	C
Bromochloromethane	ND	ND,3	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 02:12	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 02:12	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 02:12	PDK	C
Bromomethane	0.48J	J	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 02:12	PDK	C
Carbon Disulfide	ND	ND,5	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 02:12	PDK	C
Carbon Tetrachloride	ND	ND,6,7	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:12	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 02:12	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 02:12	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:12	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 02:12	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:12	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 02:12	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:12	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 02:12	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:12	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:12	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 02:12	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 02:12	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:12	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 02:12	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 02:12	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:12	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 02:12	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 02:12	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 02:12	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 02:12	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 02:12	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 02:12	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 02:12	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:12	PDK	C
Trichlorofluoromethane	ND	ND,8	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 02:12	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 02:12	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 02:12	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	105%	62 - 133	05/04/2023 02:12	
1-Chloro-2-Fluorobenzene	348-51-6	96.3%	70 - 130	04/25/2023 03:05	
4-Bromofluorobenzene	460-00-4	106%	79 - 114	05/04/2023 02:12	
Dibromofluoromethane	1868-53-7	105%	78 - 116	05/04/2023 02:12	
Toluene-d8	2037-26-5	101%	76 - 127	05/04/2023 02:12	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-15	Collected	04/20/2023 12:30
Lab Sample ID	3299060005	Lab Receipt	04/20/2023 16:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	77	1	mg/L	5	5	SM2320B-2011	1	04/26/2023 09:48	NML	G
Ammonia-N	0.508		mg/L	0.100	0.03	ASTM D6919-17	10	04/27/2023 06:47	NML	H
Chemical Oxygen Demand (COD)	28		mg/L	15	5	EPA 410.4	1	04/25/2023 14:41	KMS	H
Chloride	60.4		mg/L	2.0	1.5	EPA 300.0	2	04/21/2023 15:26	J1W	G
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/21/2023 15:26	J1W	G
Sulfate	2.1		mg/L	2.0	1.5	EPA 300.0	2	04/21/2023 15:26	J1W	G
Total Dissolved Solids	280		mg/L	25	25	SM2540C-15	1	04/26/2023 16:46	GJB	G



Results

Client Sample ID	MW-16	Collected	04/20/2023 13:15
Lab Sample ID	3299060006	Lab Receipt	04/20/2023 16:20

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:39	MO	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:39	MO	E1
Barium, Total	0.33		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:39	MO	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:39	MO	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:39	MO	E1
Calcium, Total	166		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:39	MO	E1
Chromium, Total	0.0038		mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:39	MO	E1
Cobalt, Total	0.0059		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:39	MO	E1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:39	MO	E1
Hardness	614	2	mg/L			SW846 6020A	1	05/01/2023 11:39	MO	E1
Iron, Total	36.4		mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:39	MO	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:39	MO	E1
Magnesium, Total	48.4		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:39	MO	E1
Manganese, Total	8.6		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:39	MO	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 10:10	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:39	MO	E1
Potassium, Total	6.6		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:39	MO	E1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:39	MO	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:39	MO	E1
Sodium, Total	52.7		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:39	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:39	MO	E1
Vanadium, Total	0.0016J	J	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:39	MO	E1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:39	MO	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0047	SW846 8011	1	04/25/2023 03:20	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 03:20	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,2-Dichloroethane	0.36J	J	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 02:35	PKD	C
1,4-Dichlorobenzene	13.7		ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 02:35	PKD	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 02:35	PKD	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 02:35	PKD	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 02:35	PKD	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 02:35	PKD	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 02:35	PKD	C



Results

Client Sample ID	MW-16	Collected	04/20/2023 13:15
Lab Sample ID	3299060006	Lab Receipt	04/20/2023 16:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	4.5		ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 02:35	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 02:35	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 02:35	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 02:35	PDK	C
Bromomethane	0.43J	J	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 02:35	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 02:35	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:35	PDK	C
Chlorobenzene	0.38J	J	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 02:35	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 02:35	PDK	C
Chloroethane	0.36J	J	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:35	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 02:35	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:35	PDK	C
cis-1,2-Dichloroethene	17.1		ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 02:35	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:35	PDK	C
Cyclohexane	0.34J	J	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 02:35	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:35	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:35	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 02:35	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 02:35	PDK	C
Methyl t-Butyl Ether	1.4		ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:35	PDK	C
Methylene Chloride	0.49J	J	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 02:35	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 02:35	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:35	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 02:35	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 02:35	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 02:35	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 02:35	PDK	C
trans-1,2-Dichloroethene	0.39J	J	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 02:35	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 02:35	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 02:35	PDK	C
Trichloroethene	3.3		ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:35	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 02:35	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 02:35	PDK	C
Vinyl Chloride	1.1		ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 02:35	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	105%	62 - 133	05/04/2023 02:35	
1-Chloro-2-Fluorobenzene	348-51-6	95.5%	70 - 130	04/25/2023 03:20	
4-Bromofluorobenzene	460-00-4	102%	79 - 114	05/04/2023 02:35	
Dibromofluoromethane	1868-53-7	104%	78 - 116	05/04/2023 02:35	
Toluene-d8	2037-26-5	100%	76 - 127	05/04/2023 02:35	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-16	Collected	04/20/2023 13:15
Lab Sample ID	3299060006	Lab Receipt	04/20/2023 16:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	121	1	mg/L	5	5	SM2320B-2011	1	04/26/2023 10:01	NML	G
Ammonia-N	ND	ND	mg/L	0.100	0.03	ASTM D6919-17	10	04/27/2023 06:34	NML	H
Chemical Oxygen Demand (COD)	26		mg/L	15	5	EPA 410.4	1	04/25/2023 14:41	KMS	H
Chloride	480	9	mg/L	5.0	3.8	EPA 300.0	5	04/21/2023 15:36	J1W	G
Nitrate-N	ND	ND	mg/L	2.5	0.55	EPA 300.0	5	04/21/2023 15:36	J1W	G
Sulfate	5.5		mg/L	5.0	3.9	EPA 300.0	5	04/21/2023 15:36	J1W	G
Total Dissolved Solids	1530		mg/L	25	25	SM2540C-15	1	04/26/2023 16:46	GJB	G



Results

Client Sample ID	MW-21D	Collected	04/20/2023 14:45
Lab Sample ID	3299060007	Lab Receipt	04/20/2023 16:20

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:48	MO	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:48	MO	E1
Barium, Total	0.0063		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:48	MO	E1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:48	MO	E1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:48	MO	E1
Calcium, Total	236		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:48	MO	E1
Chromium, Total	0.0053		mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:48	MO	E1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:48	MO	E1
Copper, Total	0.0033J	J	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:48	MO	E1
Hardness	959	2	mg/L			SW846 6020A	1	05/01/2023 11:48	MO	E1
Iron, Total	0.083		mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:48	MO	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:48	MO	E1
Magnesium, Total	90.0		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:48	MO	E1
Manganese, Total	0.013		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:48	MO	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 10:11	WDA	E
Nickel, Total	0.0096		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:48	MO	E1
Potassium, Total	2.9		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:48	MO	E1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:48	MO	E1
Silver, Total	0.0028		mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:48	MO	E1
Sodium, Total	208		mg/L	11.0	3.7	SW846 6020A	100	05/01/2023 13:23	MO	E1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:48	MO	E1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:48	MO	E1
Zinc, Total	0.0061		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:48	MO	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0047	SW846 8011	1	04/25/2023 03:36	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 03:36	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 02:58	PKD	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 02:58	PKD	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 02:58	PKD	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 02:58	PKD	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 02:58	PKD	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 02:58	PKD	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 02:58	PKD	C



Results

Client Sample ID	MW-21D	Collected	04/20/2023 14:45
Lab Sample ID	3299060007	Lab Receipt	04/20/2023 16:20

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 02:58	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 02:58	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 02:58	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 02:58	PDK	C
Bromomethane	0.45J	J	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 02:58	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 02:58	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:58	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 02:58	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 02:58	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:58	PDK	C
Chloroform	0.33J	J	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 02:58	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:58	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 02:58	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:58	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 02:58	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 02:58	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:58	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 02:58	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 02:58	PDK	C
Methyl t-Butyl Ether	0.73J	J	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:58	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 02:58	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 02:58	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:58	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 02:58	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 02:58	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 02:58	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 02:58	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 02:58	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 02:58	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 02:58	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 02:58	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 02:58	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 02:58	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 02:58	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	105%	62 - 133	05/04/2023 02:58	
1-Chloro-2-Fluorobenzene	348-51-6	97.8%	70 - 130	04/25/2023 03:36	
4-Bromofluorobenzene	460-00-4	105%	79 - 114	05/04/2023 02:58	
Dibromofluoromethane	1868-53-7	105%	78 - 116	05/04/2023 02:58	
Toluene-d8	2037-26-5	98.8%	76 - 127	05/04/2023 02:58	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-21D	Collected	04/20/2023 14:45
Lab Sample ID	3299060007	Lab Receipt	04/20/2023 16:20

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	63	1	mg/L	5	5	SM2320B-2011	1	04/26/2023 10:13	NML	G
Ammonia-N	0.183		mg/L	0.100	0.03	ASTM D6919-17	10	04/27/2023 06:20	NML	H
Chemical Oxygen Demand (COD)	25		mg/L	15	5	EPA 410.4	1	04/25/2023 14:41	KMS	H
Chloride	985		mg/L	10.0	7.5	EPA 300.0	10	04/25/2023 09:27	J1W	G
Nitrate-N	3.6		mg/L	2.5	0.55	EPA 300.0	5	04/21/2023 16:18	J1W	G
Sulfate	5.9		mg/L	5.0	3.9	EPA 300.0	5	04/21/2023 16:18	J1W	G
Total Dissolved Solids	2740		mg/L	25	25	SM2540C-15	1	04/26/2023 16:46	GJB	G



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3299060001	Trip Blank	SW846 8011	SW846 8011	
		SW846 8260C	N/A	
3299060002	Field Blank	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
SM2540C-15	N/A			
3299060003	MW-22	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
SM2320B-2011	N/A			
SM2540C-15	N/A			
3299060004	MW-10	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
SM2540C-15	N/A			
3299060005	MW-15	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
SM2540C-15	N/A			
3299060006	MW-16	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
SM2540C-15	N/A			



Project Parkton Sanitary Landfill
Workorder 3299060

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3299060007	MW-21D	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3299060001	Trip Blank	SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
3299060002	Field Blank	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978257	04/24/2023 08:10	WDA	SW846 7470A	978605
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	979787
		N/A	N/A	N/A		EPA 300.0	976872
		N/A	N/A	N/A		EPA 410.4	978908
		N/A	N/A	N/A		SM2320B-2011	978475
3299060003	MW-22	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978257	04/24/2023 08:10	WDA	SW846 7470A	978605
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	979786
		N/A	N/A	N/A		EPA 300.0	978869
		N/A	N/A	N/A		EPA 300.0	976872
		N/A	N/A	N/A		EPA 410.4	978908
3299060004	MW-10	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978257	04/24/2023 08:10	WDA	SW846 7470A	978605
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	979787
		N/A	N/A	N/A		EPA 300.0	976872
		N/A	N/A	N/A		EPA 410.4	978908
		N/A	N/A	N/A		SM2320B-2011	978475
3299060005	MW-15	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978258	04/24/2023 08:10	WDA	SW846 7470A	978606
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	979786
		N/A	N/A	N/A		EPA 300.0	976872
		N/A	N/A	N/A		EPA 410.4	978908
		N/A	N/A	N/A		SM2320B-2011	978475
3299060006	MW-16	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978258	04/24/2023 08:10	WDA	SW846 7470A	978606
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	979786
		N/A	N/A	N/A		EPA 300.0	976872
		N/A	N/A	N/A		EPA 410.4	978908
		N/A	N/A	N/A		SM2320B-2011	978475
3299060007	MW-21D	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978258	04/24/2023 08:10	WDA	SW846 7470A	978606
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	979786
		N/A	N/A	N/A		EPA 300.0	978869
		N/A	N/A	N/A		EPA 300.0	976872
		N/A	N/A	N/A		EPA 410.4	978908

5/10/2023 00:00

CHAIN
Maryland Environmental Service, Atti

3299060
Logged By: KSB
PH: GJM

SAMPLE INFORMATION FORM

Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

Sampler: Laura Russell / Tom Reedy / Brooke Zibell

Facility Name: Parkton Sanitary Landfill

Project# / Purpose: 3926-2000

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
1	Trip Blank	N/A	40 mL G Na2S2O3	W	2	4-20-23	--	VOCs (8011)
2	Field Blank	G	40 mL G HCl	W	2	4-20-23	0935	VOCs (8260)
			40 mL G HCl	W	2			VOCs (8011)
			125 mL P HNO3	W	1			VOCs (8260)
			1 L P unpreserved	W	1			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn (6020), Hg (7470), Hardness
			250 mL P H2SO4	W	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
								Ammonia, COD

Temp By: DM | WO Temp (°C) 2° | Therm ID 570

Receipt Info Completed By: [Signature]

Cooler Custody Seal Intact Y N N

Sample Custody Seal Intact Y N N

Received on Ice Y N N

Cooler & Samples Intact Y N N

Correct Containers Provided Y N N

Sample Label/COC Agree Y N N

Adequate Sample Volumes Y N N

CR6 Samples Filtered Y N N

OP Samples Filtered Y N N

VOA Headspace Present Y N N

VOA Trip Blank Y N N

NIS 4 Days? Y N N

Rad Screen (uCi) 0

Courier/Tracking #: TH-205

SDWA Compliance Y N N

PWSID 0

WV Containers 0-6°C Y N N

Transferred by: [Signature] Date: 4/20/23 Time: 15:10

Transferred by: [Signature] Date: 4/20/23 Time: 16:20

Transferred by: [Signature] Date: 4/20/23 Time: 16:20

(LAB USE ONLY) 0 S/No TH-205 If No, explain

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

Laboratory: ALS
Client Name: Maryland Environmental Service, Attn: Cheryl Griffin
Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356
Sampler: Laura Russell Tom Reedy / Brooke Zibell
Facility Name: Parkton Sanitary Landfill
Project# / Purpose: 3926-2000

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
3	MW-22	G	40 mL G Na2S2O3	NPW	2	4-20-23	1000	VOCs (8011)
			40 mL G HCl	NPW	2			VOCs (8260)
			125 mL P HNO3	NPW	2			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn (6020), Hg (7470), Hardness
			1 L P unpreserved	NPW	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
			250 mL P H2SO4	NPW	1			Ammonia, COD
4	MW-10	G	Same as Sample # 3	NPW	8	4-20-23	1105	Same as Sample # 3
5	MW-15	G	Same as Sample # 3	NPW	8	4-20-23	1230	Same as Sample # 3
6	MW-16	G	Same as Sample # 3	NPW	8	4-20-23	1315	Same as Sample # 3
7	MW-21D	G	Same as Sample # 3	NPW	8	4-20-23	1445	Same as Sample # 3

Transferred by: Tom Reedy
Received by: DAG
Date: 4/20/23
Time: 10:20

Transferred by: [Signature]
Received by: [Signature]
Date: 4/20/23
Time: 10:20

Transferred by: [Signature]
Received by: [Signature]
Date: 4/20/23
Time: 10:20

Cooler Receipt Information (LAB USE ONLY)
 Sufficient ice? - Yes/No Temp. = 6 TH-525
 Sample containers properly pres'd? - Yes/No If No, explain

Initials: _____ Date: _____



301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For Maryland Environmental Services - Landfills

Report ID [243064 on 5/10/2023](#)

Certificate of Analysis

Project Name:	Parkton Sanitary Landfill	Workorder:	3299267
Purchase Order:	MA 3680	Workorder ID:	Parkton Sanitary Landfill

Enclosed are the analytical results for samples received by the laboratory on Friday, April 21, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact George Methlie (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements.

The test results meet requirements of the current NELAP standards or state requirements, where applicable.

For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s): Maryland Services-ENVOPS - Maryland Environmental Services - Landfills Cheryl Griffin - Maryland Environmental Services Jessica Cox - Maryland Environmental Services Maryland Services-LF Data - Maryland Environmental Services

George Methlie
Project Coordinator

(ALS Digital Signature)

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3299267001	Trip Blank	Water	04/21/2023 00:00	04/21/2023 13:36	CBC	Collected By Client
3299267002	Field Blank	Water	04/21/2023 09:05	04/21/2023 13:36	CBC	Collected By Client
3299267003	MW-3	Water	04/21/2023 09:55	04/21/2023 13:36	CBC	Collected By Client
3299267004	MW-23	Water	04/21/2023 11:10	04/21/2023 13:36	CBC	Collected By Client
3299267005	MW-29	Water	04/21/2023 11:30	04/21/2023 13:36	CBC	Collected By Client
3299267006	MW-2	Water	04/21/2023 12:10	04/21/2023 13:36	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136.
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Parkton Sanitary Landfill
Workorder 3299267

Project Notations

Sample Notations

Lab ID **Sample ID**

Result Notations

Notation Ref.

- 1 The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO₃/L.
- 2 This sample result was calculated and reported using Method SM2340B-2011.



Detected Results Summary

Client Sample ID	Trip Blank	Collected	04/21/2023 00:00
Lab Sample ID	3299267001	Lab Receipt	04/21/2023 13:36

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>MDL</u>	<u>Method</u>	<u>Flag</u>
VOLATILE ORGANICS						
Bromomethane	0.53J	ug/L	1.0	0.39	SW846 8260C	#



Detected Results Summary

Client Sample ID	Field Blank	Collected	04/21/2023 09:05
Lab Sample ID	3299267002	Lab Receipt	04/21/2023 13:36

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>MDL</u>	<u>Method</u>	<u>Flag</u>
METALS						
Calcium, Total	0.14	mg/L	0.11	0.037	SW846 6020A	#
Hardness	0.50	mg/L			SW846 6020A	#
Sodium, Total	0.41	mg/L	0.11	0.037	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.46J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Chemical Oxygen Demand (COD)	16	mg/L	15	5	EPA 410.4	#



Detected Results Summary

Client Sample ID	MW-3	Collected	04/21/2023 09:55
Lab Sample ID	3299267003	Lab Receipt	04/21/2023 13:36

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.018	mg/L	0.0056	0.0019	SW846 6020A	#
Cadmium, Total	0.00056J	mg/L	0.0011	0.00037	SW846 6020A	#
Calcium, Total	13.3	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.0011J	mg/L	0.0022	0.00074	SW846 6020A	#
Cobalt, Total	0.018	mg/L	0.0056	0.0019	SW846 6020A	#
Copper, Total	0.0072	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	59.7	mg/L			SW846 6020A	#
Iron, Total	0.021J	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	6.4	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.11	mg/L	0.0056	0.0019	SW846 6020A	#
Nickel, Total	0.0033J	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	1.1	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	4.9	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Total	0.0078	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.40J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	34	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.113	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	13J	mg/L	15	5	EPA 410.4	#
Chloride	14.9	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	2.3	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	11.2	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	112	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-23	Collected	04/21/2023 11:10
Lab Sample ID	3299267004	Lab Receipt	04/21/2023 13:36

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.0082	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Total	150	mg/L	0.11	0.037	SW846 6020A	#
Chromium, Total	0.00086J	mg/L	0.0022	0.00074	SW846 6020A	#
Hardness	601	mg/L			SW846 6020A	#
Iron, Total	65.3	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Total	54.8	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	1.2	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	3.5	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	229	mg/L	11.0	3.7	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.41J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	124	mg/L	5	5	SM2320B-2011	#
Chemical Oxygen Demand (COD)	25	mg/L	15	5	EPA 410.4	#
Chloride	675	mg/L	10.0	7.5	EPA 300.0	#
Total Dissolved Solids	1670	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-29	Collected	04/21/2023 11:30
Lab Sample ID	3299267005	Lab Receipt	04/21/2023 13:36

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.090	mg/L	0.0056	0.0019	SW846 6020A	#
Beryllium, Total	0.00037J	mg/L	0.0011	0.00037	SW846 6020A	#
Calcium, Total	1.2	mg/L	0.11	0.037	SW846 6020A	#
Copper, Total	0.020	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	11.1	mg/L			SW846 6020A	#
Magnesium, Total	2.0	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.12	mg/L	0.0056	0.0019	SW846 6020A	#
Nickel, Total	0.012	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	3.8	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	1.1	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Total	0.034	mg/L	0.0056	0.0019	SW846 6020A	#
WET CHEMISTRY						
Ammonia-N	0.247	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	15	mg/L	15	5	EPA 410.4	#
Chloride	2.3	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	3.2	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	1.7J	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	50	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	MW-2	Collected	04/21/2023 12:10
Lab Sample ID	3299267006	Lab Receipt	04/21/2023 13:36

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.090	mg/L	0.0056	0.0019	SW846 6020A	#
Beryllium, Total	0.00039J	mg/L	0.0011	0.00037	SW846 6020A	#
Calcium, Total	1.1	mg/L	0.11	0.037	SW846 6020A	#
Copper, Total	0.020	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	11.0	mg/L			SW846 6020A	#
Magnesium, Total	2.0	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Total	0.12	mg/L	0.0056	0.0019	SW846 6020A	#
Nickel, Total	0.014	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Total	3.9	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Total	1.0	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Total	0.034	mg/L	0.0056	0.0019	SW846 6020A	#
WET CHEMISTRY						
Ammonia-N	0.129	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	10J	mg/L	15	5	EPA 410.4	#
Chloride	2.3	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	3.2	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	1.7J	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	44	mg/L	25	25	SM2540C-15	#



Results

Client Sample ID	Trip Blank	Collected	04/21/2023 00:00
Lab Sample ID	3299267001	Lab Receipt	04/21/2023 13:36

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/25/2023 03:51	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 03:51	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 23:10	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 23:10	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/03/2023 23:10	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/03/2023 23:10	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/03/2023 23:10	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/03/2023 23:10	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/03/2023 23:10	PDK	C
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 23:10	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 23:10	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/03/2023 23:10	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/03/2023 23:10	PDK	C
Bromomethane	0.53J	J	ug/L	1.0	0.39	SW846 8260C	1	05/03/2023 23:10	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 23:10	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 23:10	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/03/2023 23:10	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 23:10	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 23:10	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/03/2023 23:10	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 23:10	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/03/2023 23:10	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 23:10	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 23:10	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/03/2023 23:10	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 23:10	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/03/2023 23:10	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/03/2023 23:10	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 23:10	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/03/2023 23:10	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/03/2023 23:10	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 23:10	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 23:10	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/03/2023 23:10	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/03/2023 23:10	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/03/2023 23:10	PDK	C



Results

Client Sample ID	Trip Blank	Collected	04/21/2023 00:00
Lab Sample ID	3299267001	Lab Receipt	04/21/2023 13:36

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/03/2023 23:10	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/03/2023 23:10	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/03/2023 23:10	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/03/2023 23:10	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/03/2023 23:10	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/03/2023 23:10	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/03/2023 23:10	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 - 133	05/03/2023 23:10	
1-Chloro-2-Fluorobenzene	348-51-6	97.4%	70 - 130	04/25/2023 03:51	
4-Bromofluorobenzene	460-00-4	107%	79 - 114	05/03/2023 23:10	
Dibromofluoromethane	1868-53-7	105%	78 - 116	05/03/2023 23:10	
Toluene-d8	2037-26-5	99.6%	76 - 127	05/03/2023 23:10	



Results

Client Sample ID	Field Blank	Collected	04/21/2023 09:05
Lab Sample ID	3299267002	Lab Receipt	04/21/2023 13:36

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:50	MO	G1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:50	MO	G1
Barium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:50	MO	G1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:50	MO	G1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:50	MO	G1
Calcium, Total	0.14		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:50	MO	G1
Chromium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:50	MO	G1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:50	MO	G1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:50	MO	G1
Hardness	0.50	2	mg/L			SW846 6020A	1	05/01/2023 11:50	MO	G1
Iron, Total	ND	ND	mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:50	MO	G1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:50	MO	G1
Magnesium, Total	ND	ND	mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:50	MO	G1
Manganese, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:50	MO	G1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 10:12	WDA	G
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:50	MO	G1
Potassium, Total	ND	ND	mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:50	MO	G1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:50	MO	G1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:50	MO	G1
Sodium, Total	0.41		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:50	MO	G1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:50	MO	G1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:50	MO	G1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:50	MO	G1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/25/2023 04:06	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 04:06	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 01:04	PKD	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 01:04	PKD	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 01:04	PKD	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 01:04	PKD	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 01:04	PKD	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 01:04	PKD	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 01:04	PKD	C



Results

Client Sample ID	Field Blank	Collected	04/21/2023 09:05
Lab Sample ID	3299267002	Lab Receipt	04/21/2023 13:36

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 01:04	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 01:04	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 01:04	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 01:04	PDK	C
Bromomethane	0.46J	J	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 01:04	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 01:04	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:04	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 01:04	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 01:04	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:04	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 01:04	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:04	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 01:04	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:04	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 01:04	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 01:04	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:04	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 01:04	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 01:04	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:04	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 01:04	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 01:04	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:04	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 01:04	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 01:04	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 01:04	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 01:04	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 01:04	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 01:04	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 01:04	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 01:04	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 01:04	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 01:04	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 01:04	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 - 133	05/04/2023 01:04	
1-Chloro-2-Fluorobenzene	348-51-6	99.9%	70 - 130	04/25/2023 04:06	
4-Bromofluorobenzene	460-00-4	105%	79 - 114	05/04/2023 01:04	
Dibromofluoromethane	1868-53-7	105%	78 - 116	05/04/2023 01:04	
Toluene-d8	2037-26-5	101%	76 - 127	05/04/2023 01:04	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	Field Blank	Collected	04/21/2023 09:05
Lab Sample ID	3299267002	Lab Receipt	04/21/2023 13:36

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	ND	ND,1	mg/L	5	5	SM2320B-2011	1	04/27/2023 13:48	NML	E
Ammonia-N	ND	ND	mg/L	0.010	0.003	ASTM D6919-17	1	05/01/2023 16:25	NML	F
Chemical Oxygen Demand (COD)	16		mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/22/2023 09:55	AXW	E
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/22/2023 09:55	AXW	E
Sulfate	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/22/2023 09:55	AXW	E
Total Dissolved Solids	ND	ND	mg/L	25	25	SM2540C-15	1	04/27/2023 15:47	GJB	E



Results

Client Sample ID	MW-3	Collected	04/21/2023 09:55
Lab Sample ID	3299267003	Lab Receipt	04/21/2023 13:36

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:52	MO	G1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:52	MO	G1
Barium, Total	0.018		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:52	MO	G1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:52	MO	G1
Cadmium, Total	0.00056J	J	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:52	MO	G1
Calcium, Total	13.3		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:52	MO	G1
Chromium, Total	0.0011J	J	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:52	MO	G1
Cobalt, Total	0.018		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:52	MO	G1
Copper, Total	0.0072		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:52	MO	G1
Hardness	59.7	2	mg/L			SW846 6020A	1	05/01/2023 11:52	MO	G1
Iron, Total	0.021J	J	mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:52	MO	G1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:52	MO	G1
Magnesium, Total	6.4		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:52	MO	G1
Manganese, Total	0.11		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:52	MO	G1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 10:13	WDA	G
Nickel, Total	0.0033J	J	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:52	MO	G1
Potassium, Total	1.1		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:52	MO	G1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:52	MO	G1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:52	MO	G1
Sodium, Total	4.9		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:52	MO	G1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:52	MO	G1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:52	MO	G1
Zinc, Total	0.0078		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:52	MO	G1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/25/2023 04:21	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 04:21	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 03:21	PKD	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 03:21	PKD	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 03:21	PKD	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 03:21	PKD	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 03:21	PKD	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 03:21	PKD	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 03:21	PKD	C



Results

Client Sample ID	MW-3	Collected	04/21/2023 09:55
Lab Sample ID	3299267003	Lab Receipt	04/21/2023 13:36

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 03:21	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 03:21	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 03:21	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 03:21	PDK	C
Bromomethane	0.40J	J	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 03:21	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 03:21	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 03:21	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 03:21	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 03:21	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:21	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 03:21	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 03:21	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 03:21	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 03:21	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 03:21	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 03:21	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:21	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 03:21	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 03:21	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:21	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 03:21	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 03:21	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:21	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 03:21	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 03:21	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 03:21	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 03:21	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 03:21	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 03:21	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 03:21	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:21	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 03:21	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 03:21	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 03:21	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	106%	62 - 133	05/04/2023 03:21	
1-Chloro-2-Fluorobenzene	348-51-6	100%	70 - 130	04/25/2023 04:21	
4-Bromofluorobenzene	460-00-4	105%	79 - 114	05/04/2023 03:21	
Dibromofluoromethane	1868-53-7	107%	78 - 116	05/04/2023 03:21	
Toluene-d8	2037-26-5	99.2%	76 - 127	05/04/2023 03:21	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-3	Collected	04/21/2023 09:55
Lab Sample ID	3299267003	Lab Receipt	04/21/2023 13:36

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	34	1	mg/L	5	5	SM2320B-2011	1	04/27/2023 14:47	NML	E
Ammonia-N	0.113		mg/L	0.100	0.03	ASTM D6919-17	10	05/01/2023 16:11	NML	F
Chemical Oxygen Demand (COD)	13J	J	mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	14.9		mg/L	2.0	1.5	EPA 300.0	2	04/22/2023 10:05	AXW	E
Nitrate-N	2.3		mg/L	1.0	0.22	EPA 300.0	2	04/22/2023 10:05	AXW	E
Sulfate	11.2		mg/L	2.0	1.5	EPA 300.0	2	04/22/2023 10:05	AXW	E
Total Dissolved Solids	112		mg/L	25	25	SM2540C-15	1	04/27/2023 15:47	GJB	E



Results

Client Sample ID	MW-23	Collected	04/21/2023 11:10
Lab Sample ID	3299267004	Lab Receipt	04/21/2023 13:36

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:54	MO	G1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:54	MO	G1
Barium, Total	0.0082		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:54	MO	G1
Beryllium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:54	MO	G1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:54	MO	G1
Calcium, Total	150		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:54	MO	G1
Chromium, Total	0.00086J	J	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:54	MO	G1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:54	MO	G1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:54	MO	G1
Hardness	601	2	mg/L			SW846 6020A	1	05/01/2023 11:54	MO	G1
Iron, Total	65.3		mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:54	MO	G1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:54	MO	G1
Magnesium, Total	54.8		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:54	MO	G1
Manganese, Total	1.2		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:54	MO	G1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 10:14	WDA	G
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:54	MO	G1
Potassium, Total	3.5		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:54	MO	G1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:54	MO	G1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:54	MO	G1
Sodium, Total	229		mg/L	11.0	3.7	SW846 6020A	100	05/01/2023 13:25	MO	G1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:54	MO	G1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:54	MO	G1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:54	MO	G1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	SW846 8011	1	04/25/2023 04:37	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 04:37	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 03:43	PKD	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 03:43	PKD	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 03:43	PKD	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 03:43	PKD	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 03:43	PKD	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 03:43	PKD	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 03:43	PKD	C



Results

Client Sample ID	MW-23	Collected	04/21/2023 11:10
Lab Sample ID	3299267004	Lab Receipt	04/21/2023 13:36

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 03:43	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 03:43	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 03:43	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 03:43	PDK	C
Bromomethane	0.41J	J	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 03:43	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 03:43	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 03:43	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 03:43	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 03:43	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:43	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 03:43	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 03:43	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 03:43	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 03:43	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 03:43	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 03:43	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:43	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 03:43	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 03:43	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:43	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 03:43	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 03:43	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:43	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 03:43	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 03:43	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 03:43	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 03:43	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 03:43	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 03:43	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 03:43	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 03:43	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 03:43	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 03:43	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 03:43	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	106%	62 - 133	05/04/2023 03:43	
1-Chloro-2-Fluorobenzene	348-51-6	98.3%	70 - 130	04/25/2023 04:37	
4-Bromofluorobenzene	460-00-4	108%	79 - 114	05/04/2023 03:43	
Dibromofluoromethane	1868-53-7	106%	78 - 116	05/04/2023 03:43	
Toluene-d8	2037-26-5	101%	76 - 127	05/04/2023 03:43	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-23	Collected	04/21/2023 11:10
Lab Sample ID	3299267004	Lab Receipt	04/21/2023 13:36

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Ctr
Alkalinity, Total	124	1	mg/L	5	5	SM2320B-2011	1	04/27/2023 15:00	NML	E
Ammonia-N	ND	ND	mg/L	0.100	0.03	ASTM D6919-17	10	05/01/2023 15:30	NML	F
Chemical Oxygen Demand (COD)	25		mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	675		mg/L	10.0	7.5	EPA 300.0	10	04/22/2023 22:15	AXW	E
Nitrate-N	ND	ND	mg/L	2.5	0.55	EPA 300.0	5	04/22/2023 10:16	AXW	E
Sulfate	ND	ND	mg/L	5.0	3.9	EPA 300.0	5	04/22/2023 10:16	AXW	E
Total Dissolved Solids	1670		mg/L	25	25	SM2540C-15	1	04/27/2023 15:47	GJB	E



Results

Client Sample ID	MW-29	Collected	04/21/2023 11:30
Lab Sample ID	3299267005	Lab Receipt	04/21/2023 13:36

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:57	MO	G1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:57	MO	G1
Barium, Total	0.090		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:57	MO	G1
Beryllium, Total	0.00037J	J	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:57	MO	G1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:57	MO	G1
Calcium, Total	1.2		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:57	MO	G1
Chromium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:57	MO	G1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:57	MO	G1
Copper, Total	0.020		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:57	MO	G1
Hardness	11.1	2	mg/L			SW846 6020A	1	05/01/2023 11:57	MO	G1
Iron, Total	ND	ND	mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:57	MO	G1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:57	MO	G1
Magnesium, Total	2.0		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:57	MO	G1
Manganese, Total	0.12		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:57	MO	G1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 10:18	WDA	G
Nickel, Total	0.012		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:57	MO	G1
Potassium, Total	3.8		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:57	MO	G1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:57	MO	G1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:57	MO	G1
Sodium, Total	1.1		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:57	MO	G1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:57	MO	G1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:57	MO	G1
Zinc, Total	0.034		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:57	MO	G1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0047	SW846 8011	1	04/25/2023 04:52	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0096	SW846 8011	1	04/25/2023 04:52	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 04:06	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 04:06	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 04:06	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 04:06	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 04:06	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 04:06	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 04:06	PDK	C



Results

Client Sample ID	MW-29	Collected	04/21/2023 11:30
Lab Sample ID	3299267005	Lab Receipt	04/21/2023 13:36

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 04:06	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 04:06	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 04:06	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 04:06	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 04:06	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 04:06	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 04:06	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 04:06	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 04:06	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:06	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 04:06	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 04:06	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 04:06	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 04:06	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 04:06	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 04:06	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:06	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 04:06	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 04:06	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:06	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 04:06	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 04:06	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:06	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 04:06	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 04:06	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 04:06	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 04:06	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 04:06	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 04:06	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 04:06	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:06	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 04:06	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 04:06	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 04:06	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	106%	62 - 133	05/04/2023 04:06	
1-Chloro-2-Fluorobenzene	348-51-6	100%	70 - 130	04/25/2023 04:52	
4-Bromofluorobenzene	460-00-4	104%	79 - 114	05/04/2023 04:06	
Dibromofluoromethane	1868-53-7	105%	78 - 116	05/04/2023 04:06	
Toluene-d8	2037-26-5	98.5%	76 - 127	05/04/2023 04:06	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-29	Collected	04/21/2023 11:30
Lab Sample ID	3299267005	Lab Receipt	04/21/2023 13:36

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	ND	ND,1	mg/L	5	5	SM2320B-2011	1	04/27/2023 15:12	NML	E
Ammonia-N	0.247		mg/L	0.100	0.03	ASTM D6919-17	10	05/01/2023 15:44	NML	F
Chemical Oxygen Demand (COD)	15		mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	2.3		mg/L	2.0	1.5	EPA 300.0	2	04/22/2023 10:26	AXW	E
Nitrate-N	3.2		mg/L	1.0	0.22	EPA 300.0	2	04/22/2023 10:26	AXW	E
Sulfate	1.7J	J	mg/L	2.0	1.5	EPA 300.0	2	04/22/2023 10:26	AXW	E
Total Dissolved Solids	50		mg/L	25	25	SM2540C-15	1	04/27/2023 15:47	GJB	E



Results

Client Sample ID	MW-2	Collected	04/21/2023 12:10
Lab Sample ID	3299267006	Lab Receipt	04/21/2023 13:36

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:59	MO	G1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/01/2023 11:59	MO	G1
Barium, Total	0.090		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:59	MO	G1
Beryllium, Total	0.00039J	J	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:59	MO	G1
Cadmium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:59	MO	G1
Calcium, Total	1.1		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:59	MO	G1
Chromium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:59	MO	G1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:59	MO	G1
Copper, Total	0.020		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:59	MO	G1
Hardness	11.0	2	mg/L			SW846 6020A	1	05/01/2023 11:59	MO	G1
Iron, Total	ND	ND	mg/L	0.056	0.019	SW846 6020A	1	05/01/2023 11:59	MO	G1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:59	MO	G1
Magnesium, Total	2.0		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:59	MO	G1
Manganese, Total	0.12		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:59	MO	G1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/25/2023 10:19	WDA	G
Nickel, Total	0.014		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:59	MO	G1
Potassium, Total	3.9		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:59	MO	G1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:59	MO	G1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:59	MO	G1
Sodium, Total	1.0		mg/L	0.11	0.037	SW846 6020A	1	05/01/2023 11:59	MO	G1
Thallium, Total	ND	ND	mg/L	0.0011	0.00037	SW846 6020A	1	05/01/2023 11:59	MO	G1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/01/2023 11:59	MO	G1
Zinc, Total	0.034		mg/L	0.0056	0.0019	SW846 6020A	1	05/01/2023 11:59	MO	G1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0047	SW846 8011	1	04/25/2023 05:23	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	SW846 8011	1	04/25/2023 05:23	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 04:29	PKD	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 04:29	PKD	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/04/2023 04:29	PKD	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/04/2023 04:29	PKD	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/04/2023 04:29	PKD	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/04/2023 04:29	PKD	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/04/2023 04:29	PKD	C



Results

Client Sample ID	MW-2	Collected	04/21/2023 12:10
Lab Sample ID	3299267006	Lab Receipt	04/21/2023 13:36

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 04:29	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 04:29	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/04/2023 04:29	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/04/2023 04:29	PDK	C
Bromomethane	ND	ND	ug/L	1.0	0.39	SW846 8260C	1	05/04/2023 04:29	PDK	C
Carbon Disulfide	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 04:29	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 04:29	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/04/2023 04:29	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 04:29	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:29	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/04/2023 04:29	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 04:29	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/04/2023 04:29	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 04:29	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 04:29	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/04/2023 04:29	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:29	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/04/2023 04:29	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/04/2023 04:29	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:29	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/04/2023 04:29	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/04/2023 04:29	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:29	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 04:29	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/04/2023 04:29	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/04/2023 04:29	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/04/2023 04:29	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/04/2023 04:29	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/04/2023 04:29	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/04/2023 04:29	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/04/2023 04:29	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/04/2023 04:29	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/04/2023 04:29	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/04/2023 04:29	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	105%	62 - 133	05/04/2023 04:29	
1-Chloro-2-Fluorobenzene	348-51-6	99.3%	70 - 130	04/25/2023 05:23	
4-Bromofluorobenzene	460-00-4	108%	79 - 114	05/04/2023 04:29	
Dibromofluoromethane	1868-53-7	105%	78 - 116	05/04/2023 04:29	
Toluene-d8	2037-26-5	98.3%	76 - 127	05/04/2023 04:29	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	MW-2	Collected	04/21/2023 12:10
Lab Sample ID	3299267006	Lab Receipt	04/21/2023 13:36

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	ND	ND,1	mg/L	5	5	SM2320B-2011	1	04/27/2023 15:23	NML	E
Ammonia-N	0.129		mg/L	0.100	0.03	ASTM D6919-17	10	05/01/2023 15:58	NML	F
Chemical Oxygen Demand (COD)	10J	J	mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	2.3		mg/L	2.0	1.5	EPA 300.0	2	04/22/2023 10:36	AXW	E
Nitrate-N	3.2		mg/L	1.0	0.22	EPA 300.0	2	04/22/2023 10:36	AXW	E
Sulfate	1.7J	J	mg/L	2.0	1.5	EPA 300.0	2	04/22/2023 10:36	AXW	E
Total Dissolved Solids	44		mg/L	25	25	SM2540C-15	1	04/27/2023 15:47	GJB	E



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3299267001	Trip Blank	SW846 8011	SW846 8011	
		SW846 8260C	N/A	
3299267002	Field Blank	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
3299267003	MW-3	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
3299267004	MW-23	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
3299267005	MW-29	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
3299267006	MW-2	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3299267001	Trip Blank	SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
3299267002	Field Blank	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978258	04/24/2023 08:10	WDA	SW846 7470A	978606
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	984477
		N/A	N/A	N/A		EPA 300.0	977262
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
3299267003	MW-3	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978258	04/24/2023 08:10	WDA	SW846 7470A	978606
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	984477
		N/A	N/A	N/A		EPA 300.0	977262
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
3299267004	MW-23	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978258	04/24/2023 08:10	WDA	SW846 7470A	978606
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	984477
		N/A	N/A	N/A		EPA 300.0	977262
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
3299267005	MW-29	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978258	04/24/2023 08:10	WDA	SW846 7470A	978606
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	984477
		N/A	N/A	N/A		EPA 300.0	977262
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
3299267006	MW-2	SW846 3015A	978633	04/24/2023 19:24	ANN	SW846 6020A	984495
		SW846 7470A	978258	04/24/2023 08:10	WDA	SW846 7470A	978606
		SW846 8011	978654	04/24/2023 20:35	EGO	SW846 8011	978754
		N/A	N/A	N/A		SW846 8260C	986552
		N/A	N/A	N/A		ASTM D6919-17	984477
		N/A	N/A	N/A		EPA 300.0	977262
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8356

3299267

Logged By: SLS
PH: GJM



Laboratory: ALS

Sampler: Laura Russell / Tom

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Facility Name: Parkton Sanitary Landfill

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356

Project# / Purpose: 3926-2000

Invoice To: Same

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
1	Trip Blank	N/A	40 mL G Na2S2O3	W	2	4-21-23	--	VOCs (8011)
2	Field Blank	G	40 mL G HCl	W	2	4-21-23	--	VOCs (8260)
			40 mL G Na2S2O3	W	2	4-21-23	0905	VOCs (8011)
			40 mL G HCl	W	2			VOCs (8260)
			125 mL P HNO3	W	1			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn (6020), Hg (7470), Hardness
			1 L P unpreserved	W	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
			250 mL P H2SO4	W	1			Ammonia, COD

Temp By: DAG | WO Temp (°C) 6 | Therm ID 525

Receipt Info Completed By: [Signature]
 Cooler Custody Seal Intact Y N NA
 Sample Custody Seal Intact Y N NA
 Received on Ice Y N NA
 Cooler & Samples Intact Y N NA
 Correct Containers Provided Y N NA
 Sample Label/COC Agree Y N NA
 Adequate Sample Volumes Y N NA
 CR6 Samples Filtered Y N NA
 OP Samples Filtered Y N NA
 VOA Headspace Present Y N NA
 VOA Trip Blank Y N NA
 MLE 4 Days? Y N NA
 Rad Screen (uCi) Y N NA
 Courier/Tracking#: [Blank]
 SDWA Compliance Y N NA
 PWSID [Blank]
 WV Containers 0-6°C Y N NA

Transferred by: [Signature] Received by: [Signature] Date: 4-21-23 Time: 12:41
 Suffici
 Transferred by: [Signature] Received by: DAG Date: 4/21/23 Time: 13:36
 Suffici
 Transferred by: [Signature] Received by: [Signature] Date: [Blank] Time: [Blank]
 Suffici

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

3299267

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

Laboratory: ALS
Sampler: Laura Russell / Tom Reedy / Brooke Zibell

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin
Facility Name: Parkton Sanitary Landfill

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356
Project# / Purpose: 3926-2000

Invoice To: Same
Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/ Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
3	MW-3	G	40 mL G Na2S2O3	NPW	2	4-21-23	0955	VOCs (8011)
			40 mL G HCl	NPW	2			VOCs (8260)
			125 mL P HNO3	NPW	2			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn (6020), Hg (7470), Hardness
			1 L P unpreserved	NPW	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
			250 mL P H2SO4	NPW	1			Ammonia, COD
4	MW-23	G	Same as Sample #3	NPW	8	4-21-23	1110	Same as Sample #3
5	MW-29	G	Same as Sample #3	NPW	8	4-21-23	1130	Same as Sample #3
6	MW-2	G	Same as Sample #3	NPW	8	4-21-23	1210	Same as Sample #3

Transferred by: *Laura Russell* Received by: *[Signature]* Date: 4-21-23 Time: 1241
Transferred by: *[Signature]* Received by: *DAG* Date: 4/21/23 Time: 13:36
Transferred by: _____ Received by: _____ Date: _____ Time: _____

Cooler Receipt Information (LAB USE ONLY)
 Sufficient ice? - Yes/No Temp. = _____
 Sample containers properly pres'd? - Yes/No If No, explain _____
 Initials: _____ Date: _____



301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For Maryland Environmental Services - Landfills

Report ID [243616 on 5/11/2023](#)

Certificate of Analysis

Project Name:	Parkton Sanitary Landfill	Workorder:	3299471
Purchase Order:	MA 3680	Workorder ID:	Parkton Sanitary Landfill

Enclosed are the analytical results for samples received by the laboratory on Monday, April 24, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact George Methlie (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements.

The test results meet requirements of the current NELAP standards or state requirements, where applicable.

For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Global.
ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s): Maryland Services-ENVOPS - Maryland Environmental Services - Landfills Cheryl Griffin - Maryland Environmental Services Jessica Cox - Maryland Environmental Services Maryland Services-LF Data - Maryland Environmental Services

George Methlie
Project Coordinator

(ALS Digital Signature)

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3299471001	Trip Blank	Water	04/24/2023 00:00	04/24/2023 13:22	CBC	Collected By Client
3299471002	Field Blank	Water	04/24/2023 09:30	04/24/2023 13:22	CBC	Collected By Client
3299471003	T-3	Water	04/24/2023 09:55	04/24/2023 13:22	CBC	Collected By Client
3299471004	SW-3	Water	04/24/2023 10:30	04/24/2023 13:22	CBC	Collected By Client
3299471005	T-2	Water	04/24/2023 10:45	04/24/2023 13:22	CBC	Collected By Client
3299471006	SW-2	Water	04/24/2023 11:10	04/24/2023 13:22	CBC	Collected By Client
3299471007	T-1	Water	04/24/2023 11:35	04/24/2023 13:22	CBC	Collected By Client
3299471008	SW-1	Water	04/24/2023 12:00	04/24/2023 13:22	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136.
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Notations

Sample Notations

Lab ID	Sample ID		
3299471003	T-3	S1	This sample was filtered in the laboratory.
3299471004	SW-3	S2	This sample was filtered in the laboratory.
3299471005	T-2	S3	This sample was filtered in the laboratory.
		S4	EPA Method 8260 for the analysis of volatile organics require that the sample be preserved to a pH less than 2 using HCl. This sample had a pH greater than 2 when received by the lab.
3299471006	SW-2	S5	This sample was filtered in the laboratory.
3299471007	T-1	S6	This sample was filtered in the laboratory.
3299471008	SW-1	S7	This sample was filtered in the laboratory.

Result Notations

Notation Ref.	
1	The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Carbon Disulfide. The % Recovery was reported as 132 and the control limits were 57 to 131.
2	The Total Alkalinity is titrated to a pH of 4.5 and reported as mg CaCO3/L.
3	The QC sample type DUP for method EPA 410.4 was outside the control limits for the analyte Chemical Oxygen Demand (COD). The RPD was reported as 15.4 and the upper control limit is 10.
4	This sample result was calculated and reported using Method SM2340B-2011.
5	The QC sample type MS for method SW846 8260C was outside the control limits for the analyte Bromochloromethane. The % Recovery was reported as 119 and the control limits were 73 to 117.
6	The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte 2-Butanone. The RPD was reported as 69.1 and the upper control limit is 16.
7	The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte 2-Butanone. The % Recovery was reported as 160 and the control limits were 50 to 152.
8	The QC sample type MS for method SW846 8260C was outside the control limits for the analyte Carbon Disulfide. The % Recovery was reported as 136 and the control limits were 57 to 131.
9	The QC sample type MSD for method SW846 8260C was outside the control limits for the analyte 2-Hexanone. The RPD was reported as 20.4 and the upper control limit is 17.
10	The QC sample type MS for method SW846 8260C was outside the control limits for the analyte Trichlorofluoromethane. The % Recovery was reported as 127 and the control limits were 38 to 123.



Detected Results Summary

Client Sample ID	Trip Blank	Collected	04/24/2023 00:00
Lab Sample ID	3299471001	Lab Receipt	04/24/2023 13:22

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>MDL</u>	<u>Method</u>	<u>Flag</u>
VOLATILE ORGANICS						
Bromomethane	0.45J	ug/L	1.0	0.39	SW846 8260C	#



Detected Results Summary

Client Sample ID	Field Blank	Collected	04/24/2023 09:30
Lab Sample ID	3299471002	Lab Receipt	04/24/2023 13:22

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Total	0.0049J	mg/L	0.0056	0.0019	SW846 6020A	#
Beryllium, Total	0.00051J	mg/L	0.0011	0.00037	SW846 6020A	#
Cadmium, Total	0.00060J	mg/L	0.0011	0.00037	SW846 6020A	#
Calcium, Total	0.13	mg/L	0.11	0.037	SW846 6020A	#
Hardness	0.43	mg/L			SW846 6020A	#
Sodium, Total	0.32	mg/L	0.11	0.037	SW846 6020A	#
Thallium, Total	0.00044J	mg/L	0.0011	0.00037	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.45J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Chemical Oxygen Demand (COD)	7J	mg/L	15	5	EPA 410.4	#



Detected Results Summary

Client Sample ID	T-3	Collected	04/24/2023 09:55
Lab Sample ID	3299471003	Lab Receipt	04/24/2023 13:22

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Dissolved	0.024	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Dissolved	48.6	mg/L	0.11	0.037	SW846 6020A	#
Hardness	181	mg/L			SW846 6020A	#
Iron, Dissolved	0.023J	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Dissolved	17.8	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Dissolved	0.70	mg/L	0.0056	0.0019	SW846 6020A	#
Nickel, Dissolved	0.0023J	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Dissolved	1.8	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Dissolved	17.4	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Dissolved	0.0021J	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.46J	ug/L	1.0	0.39	SW846 8260C	#
cis-1,2-Dichloroethene	0.58J	ug/L	1.0	0.32	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	125	mg/L	5	5	SM2320B-2011	#
Chemical Oxygen Demand (COD)	8J	mg/L	15	5	EPA 410.4	#
Chloride	113	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	3.6	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	2.6	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	302	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	SW-3	Collected	04/24/2023 10:30
Lab Sample ID	3299471004	Lab Receipt	04/24/2023 13:22

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Dissolved	0.066	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Dissolved	16.4	mg/L	0.11	0.037	SW846 6020A	#
Hardness	81.0	mg/L			SW846 6020A	#
Magnesium, Dissolved	9.8	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Dissolved	0.022	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Dissolved	1.8	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Dissolved	49.7	mg/L	0.11	0.037	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.51J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	24	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.526	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	6J	mg/L	15	5	EPA 410.4	#
Chloride	86.6	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	0.33J	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	5.1	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	296	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID T-2 Collected 04/24/2023 10:45
 Lab Sample ID 3299471005 Lab Receipt 04/24/2023 13:22

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Dissolved	0.0028	J mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Dissolved	40.7	mg/L	0.11	0.037	SW846 6020A	#
Hardness	168	mg/L			SW846 6020A	#
Magnesium, Dissolved	16.3	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Dissolved	0.30	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Dissolved	2.0	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Dissolved	17.6	mg/L	0.11	0.037	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.47	J ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	87	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.469	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	11	J mg/L	15	5	EPA 410.4	#
Chloride	133	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	4.2	mg/L	1.0	0.22	EPA 300.0	#
Sulfate	2.4	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	288	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID SW-2 Collected 04/24/2023 11:10
 Lab Sample ID 3299471006 Lab Receipt 04/24/2023 13:22

<u>Compound</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>	<u>MDL</u>	<u>Method</u>	<u>Flag</u>
METALS						
Barium, Dissolved	0.088	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Dissolved	15.9	mg/L	0.11	0.037	SW846 6020A	#
Hardness	81.8	mg/L			SW846 6020A	#
Magnesium, Dissolved	10.1	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Dissolved	0.017	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Dissolved	2.0	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Dissolved	60.9	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Dissolved	0.0024J	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.42J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	15	mg/L	5	5	SM2320B-2011	#
Chloride	43.0	mg/L	2.0	1.5	EPA 300.0	#
Sulfate	5.7	mg/L	2.0	1.5	EPA 300.0	#
Total Dissolved Solids	314	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID T-1 Collected 04/24/2023 11:35
 Lab Sample ID 3299471007 Lab Receipt 04/24/2023 13:22

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Dissolved	0.033	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Dissolved	20.7	mg/L	0.11	0.037	SW846 6020A	#
Cobalt, Dissolved	0.0078	mg/L	0.0056	0.0019	SW846 6020A	#
Copper, Dissolved	0.0020J	mg/L	0.0056	0.0019	SW846 6020A	#
Hardness	104	mg/L			SW846 6020A	#
Iron, Dissolved	0.26	mg/L	0.056	0.019	SW846 6020A	#
Magnesium, Dissolved	12.8	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Dissolved	2.1	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Dissolved	1.5	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Dissolved	16.3	mg/L	0.11	0.037	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.45J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	76	mg/L	5	5	SM2320B-2011	#
Chemical Oxygen Demand (COD)	13J	mg/L	15	5	EPA 410.4	#
Chloride	148	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	5.7	mg/L	1.0	0.22	EPA 300.0	#
Total Dissolved Solids	178	mg/L	25	25	SM2540C-15	#



Detected Results Summary

Client Sample ID	SW-1	Collected	04/24/2023 12:00
Lab Sample ID	3299471008	Lab Receipt	04/24/2023 13:22

Compound	Result	Units	RDL	MDL	Method	Flag
METALS						
Barium, Dissolved	0.11	mg/L	0.0056	0.0019	SW846 6020A	#
Calcium, Dissolved	16.6	mg/L	0.11	0.037	SW846 6020A	#
Hardness	89.3	mg/L			SW846 6020A	#
Magnesium, Dissolved	11.5	mg/L	0.11	0.037	SW846 6020A	#
Manganese, Dissolved	0.0053J	mg/L	0.0056	0.0019	SW846 6020A	#
Potassium, Dissolved	2.2	mg/L	0.11	0.037	SW846 6020A	#
Sodium, Dissolved	64.6	mg/L	0.11	0.037	SW846 6020A	#
Zinc, Dissolved	0.0069	mg/L	0.0056	0.0019	SW846 6020A	#
VOLATILE ORGANICS						
Bromomethane	0.45J	ug/L	1.0	0.39	SW846 8260C	#
WET CHEMISTRY						
Alkalinity, Total	11	mg/L	5	5	SM2320B-2011	#
Ammonia-N	0.427	mg/L	0.100	0.03	ASTM D6919-17	#
Chemical Oxygen Demand (COD)	9J	mg/L	15	5	EPA 410.4	#
Chloride	149	mg/L	2.0	1.5	EPA 300.0	#
Nitrate-N	5.7	mg/L	1.0	0.22	EPA 300.0	#
Total Dissolved Solids	350	mg/L	25	25	SM2540C-15	#



Results

Client Sample ID	Trip Blank	Collected	04/24/2023 00:00
Lab Sample ID	3299471001	Lab Receipt	04/24/2023 13:22

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.020	0.0047	SW846 8011	1	04/28/2023 00:11	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.020	0.0097	SW846 8011	1	04/28/2023 00:11	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/07/2023 23:57	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/07/2023 23:57	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/07/2023 23:57	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/07/2023 23:57	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/07/2023 23:57	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/07/2023 23:57	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/07/2023 23:57	PDK	C
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/07/2023 23:57	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/07/2023 23:57	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/07/2023 23:57	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/07/2023 23:57	PDK	C
Bromomethane	0.45J	J	ug/L	1.0	0.39	SW846 8260C	1	05/07/2023 23:57	PDK	C
Carbon Disulfide	ND	ND,1	ug/L	1.0	0.23	SW846 8260C	1	05/07/2023 23:57	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/07/2023 23:57	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/07/2023 23:57	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/07/2023 23:57	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/07/2023 23:57	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/07/2023 23:57	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/07/2023 23:57	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/07/2023 23:57	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/07/2023 23:57	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/07/2023 23:57	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/07/2023 23:57	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/07/2023 23:57	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/07/2023 23:57	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/07/2023 23:57	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/07/2023 23:57	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/07/2023 23:57	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/07/2023 23:57	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/07/2023 23:57	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/07/2023 23:57	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/07/2023 23:57	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/07/2023 23:57	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/07/2023 23:57	PDK	C



Results

Client Sample ID	Trip Blank	Collected	04/24/2023 00:00
Lab Sample ID	3299471001	Lab Receipt	04/24/2023 13:22

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/07/2023 23:57	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/07/2023 23:57	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/07/2023 23:57	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/07/2023 23:57	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/07/2023 23:57	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/07/2023 23:57	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/07/2023 23:57	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	105%	62 - 133	05/07/2023 23:57	
1-Chloro-2-Fluorobenzene	348-51-6	98.7%	70 - 130	04/28/2023 00:11	
4-Bromofluorobenzene	460-00-4	106%	79 - 114	05/07/2023 23:57	
Dibromofluoromethane	1868-53-7	105%	78 - 116	05/07/2023 23:57	
Toluene-d8	2037-26-5	98.3%	76 - 127	05/07/2023 23:57	



Results

Client Sample ID	Field Blank	Collected	04/24/2023 09:30
Lab Sample ID	3299471002	Lab Receipt	04/24/2023 13:22

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/03/2023 10:36	MO	E1
Arsenic, Total	ND	ND	mg/L	0.0033	0.0011	SW846 6020A	1	05/03/2023 10:36	MO	E1
Barium, Total	0.0049J	J	mg/L	0.0056	0.0019	SW846 6020A	1	05/03/2023 10:36	MO	E1
Beryllium, Total	0.00051J	J	mg/L	0.0011	0.00037	SW846 6020A	1	05/03/2023 10:36	MO	E1
Cadmium, Total	0.00060J	J	mg/L	0.0011	0.00037	SW846 6020A	1	05/03/2023 10:36	MO	E1
Calcium, Total	0.13		mg/L	0.11	0.037	SW846 6020A	1	05/03/2023 10:36	MO	E1
Chromium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/03/2023 10:36	MO	E1
Cobalt, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/03/2023 10:36	MO	E1
Copper, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/03/2023 10:36	MO	E1
Hardness	0.43	4	mg/L			SW846 6020A	1	05/03/2023 10:36	MO	E1
Iron, Total	ND	ND	mg/L	0.056	0.019	SW846 6020A	1	05/03/2023 10:36	MO	E1
Lead, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/03/2023 10:36	MO	E1
Magnesium, Total	ND	ND	mg/L	0.11	0.037	SW846 6020A	1	05/03/2023 10:36	MO	E1
Manganese, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/03/2023 10:36	MO	E1
Mercury, Total	ND	ND	mg/L	0.00050	0.00017	SW846 7470A	1	04/27/2023 11:50	WDA	E
Nickel, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/03/2023 10:36	MO	E1
Potassium, Total	ND	ND	mg/L	0.11	0.037	SW846 6020A	1	05/03/2023 10:36	MO	E1
Selenium, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/03/2023 10:36	MO	E1
Silver, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/03/2023 10:36	MO	E1
Sodium, Total	0.32		mg/L	0.11	0.037	SW846 6020A	1	05/03/2023 10:36	MO	E1
Thallium, Total	0.00044J	J	mg/L	0.0011	0.00037	SW846 6020A	1	05/03/2023 10:36	MO	E1
Vanadium, Total	ND	ND	mg/L	0.0022	0.00074	SW846 6020A	1	05/03/2023 10:36	MO	E1
Zinc, Total	ND	ND	mg/L	0.0056	0.0019	SW846 6020A	1	05/03/2023 10:36	MO	E1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,1,1-Trichloroethane	ND	ND	ug/L	1.0	0.22	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,1,2-Trichloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,1-Dichloroethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,1-Dichloroethene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,2,3-Trichloropropane	ND	ND	ug/L	2.0	0.60	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0047	SW846 8011	1	04/28/2023 00:27	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	7.0	1.5	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0096	SW846 8011	1	04/28/2023 00:27	EGO	A
1,2-Dibromoethane	ND	ND	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,2-Dichlorobenzene	ND	ND	ug/L	1.0	0.38	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,2-Dichloroethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,2-Dichloropropane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 00:20	PDK	C
1,4-Dichlorobenzene	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 00:20	PDK	C
2-Butanone	ND	ND	ug/L	10.0	1.8	SW846 8260C	1	05/08/2023 00:20	PDK	C
2-Hexanone	ND	ND	ug/L	5.0	1.3	SW846 8260C	1	05/08/2023 00:20	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND	ug/L	5.0	1.5	SW846 8260C	1	05/08/2023 00:20	PDK	C
Acetone	ND	ND	ug/L	10.0	3.1	SW846 8260C	1	05/08/2023 00:20	PDK	C
Acrylonitrile	ND	ND	ug/L	5.0	1.2	SW846 8260C	1	05/08/2023 00:20	PDK	C



Results

Client Sample ID	Field Blank	Collected	04/24/2023 09:30
Lab Sample ID	3299471002	Lab Receipt	04/24/2023 13:22

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Benzene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 00:20	PDK	C
Bromochloromethane	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 00:20	PDK	C
Bromodichloromethane	ND	ND	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 00:20	PDK	C
Bromoform	ND	ND	ug/L	1.0	0.40	SW846 8260C	1	05/08/2023 00:20	PDK	C
Bromomethane	0.45J	J	ug/L	1.0	0.39	SW846 8260C	1	05/08/2023 00:20	PDK	C
Carbon Disulfide	ND	ND,1	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 00:20	PDK	C
Carbon Tetrachloride	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 00:20	PDK	C
Chlorobenzene	ND	ND	ug/L	1.0	0.19	SW846 8260C	1	05/08/2023 00:20	PDK	C
Chlorodibromomethane	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 00:20	PDK	C
Chloroethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 00:20	PDK	C
Chloroform	ND	ND	ug/L	1.0	0.21	SW846 8260C	1	05/08/2023 00:20	PDK	C
Chloromethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 00:20	PDK	C
cis-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 00:20	PDK	C
cis-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 00:20	PDK	C
Cyclohexane	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 00:20	PDK	C
Dibromomethane	ND	ND	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 00:20	PDK	C
Dichlorodifluoromethane	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 00:20	PDK	C
Ethylbenzene	ND	ND	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 00:20	PDK	C
Iodomethane	ND	ND	ug/L	1.0	0.42	SW846 8260C	1	05/08/2023 00:20	PDK	C
Methyl t-Butyl Ether	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 00:20	PDK	C
Methylene Chloride	ND	ND	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 00:20	PDK	C
mp-Xylene	ND	ND	ug/L	2.0	0.52	SW846 8260C	1	05/08/2023 00:20	PDK	C
o-Xylene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 00:20	PDK	C
Styrene	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 00:20	PDK	C
Tetrachloroethene	ND	ND	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 00:20	PDK	C
Toluene	ND	ND	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 00:20	PDK	C
Total Xylenes	ND	ND	ug/L	3.0	0.66	SW846 8260C	1	05/08/2023 00:20	PDK	C
trans-1,2-Dichloroethene	ND	ND	ug/L	1.0	0.26	SW846 8260C	1	05/08/2023 00:20	PDK	C
trans-1,3-Dichloropropene	ND	ND	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 00:20	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND	ug/L	3.0	0.86	SW846 8260C	1	05/08/2023 00:20	PDK	C
Trichloroethene	ND	ND	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 00:20	PDK	C
Trichlorofluoromethane	ND	ND	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 00:20	PDK	C
Vinyl Acetate	ND	ND	ug/L	5.0	1.6	SW846 8260C	1	05/08/2023 00:20	PDK	C
Vinyl Chloride	ND	ND	ug/L	1.0	0.30	SW846 8260C	1	05/08/2023 00:20	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	104%	62 - 133	05/08/2023 00:20	
1-Chloro-2-Fluorobenzene	348-51-6	97.4%	70 - 130	04/28/2023 00:27	
4-Bromofluorobenzene	460-00-4	107%	79 - 114	05/08/2023 00:20	
Dibromofluoromethane	1868-53-7	105%	78 - 116	05/08/2023 00:20	
Toluene-d8	2037-26-5	97.9%	76 - 127	05/08/2023 00:20	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
----------	--------	------	-------	-----	-----	--------	----------	--------------------	----	------



Results

Client Sample ID	Field Blank	Collected	04/24/2023 09:30
Lab Sample ID	3299471002	Lab Receipt	04/24/2023 13:22

WET CHEMISTRY (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	ND	ND,2	mg/L	5	5	SM2320B-2011	1	04/27/2023 21:44	NML	F
Ammonia-N	ND	ND	mg/L	0.010	0.003	ASTM D6919-17	1	05/03/2023 01:26	NML	G
Chemical Oxygen Demand (COD)	7J	J,3	mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	G
Chloride	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/29/2023 05:00	J1W	F
Nitrate-N	ND	ND	mg/L	1.0	0.22	EPA 300.0	2	04/29/2023 05:00	J1W	F
Sulfate	ND	ND	mg/L	2.0	1.5	EPA 300.0	2	04/29/2023 05:00	J1W	F
Total Dissolved Solids	ND	ND	mg/L	25	25	SM2540C-15	1	04/28/2023 14:10	GJB	F



Results

Client Sample ID	T-3	Collected	04/24/2023 09:55
Lab Sample ID	3299471003	Lab Receipt	04/24/2023 13:22

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Dissolved	ND	ND,S1	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 13:49	MO	H1
Arsenic, Dissolved	ND	ND,S1	mg/L	0.0030	0.0010	SW846 6020A	1	04/27/2023 13:49	MO	H1
Barium, Dissolved	0.024	S1	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:49	MO	H1
Beryllium, Dissolved	ND	ND,S1	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 13:49	MO	H1
Cadmium, Dissolved	ND	ND,S1	mg/L	0.0011	0.00037	SW846 6020A	1	04/27/2023 13:49	MO	H1
Calcium, Dissolved	48.6	S1	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 13:49	MO	H1
Chromium, Dissolved	ND	ND,S1	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 13:49	MO	H1
Cobalt, Dissolved	ND	ND,S1	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:49	MO	H1
Copper, Dissolved	ND	ND,S1	mg/L	0.0056	0.0019	SW846 6020A	1	04/28/2023 13:06	MO	H1
Hardness	181	4,S1	mg/L			SW846 6020A	1	05/03/2023 10:39	MO	G1
Iron, Dissolved	0.023J	J,S1	mg/L	0.056	0.019	SW846 6020A	1	04/27/2023 13:49	MO	H1
Lead, Dissolved	ND	ND,S1	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 13:49	MO	H1
Magnesium, Dissolved	17.8	S1	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 13:49	MO	H1
Manganese, Dissolved	0.70	S1	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:49	MO	H1
Mercury, Dissolved	ND	ND,S1	mg/L	0.00022	0.000077	SW846 6020A	1	04/27/2023 13:49	MO	H1
Mercury, Dissolved	ND	ND,S1	mg/L	0.00050	0.00017	SW846 7470A	1	04/27/2023 10:47	WDA	H
Nickel, Dissolved	0.0023J	J,S1	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:49	MO	H1
Potassium, Dissolved	1.8	S1	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 13:49	MO	H1
Selenium, Dissolved	ND	ND,S1	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:49	MO	H1
Silver, Dissolved	ND	ND,S1	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 13:49	MO	H1
Sodium, Dissolved	17.4	S1	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 13:49	MO	H1
Thallium, Dissolved	ND	ND,S1	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 13:49	MO	H1
Titanium, Dissolved	ND	ND,S1	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:49	MO	H1
Vanadium, Dissolved	ND	ND,S1	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 13:49	MO	H1
Zinc, Dissolved	0.0021J	J,S1	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:49	MO	H1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND,S1	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,1,1-Trichloroethane	ND	ND,S1	ug/L	1.0	0.22	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND,S1	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,1,2-Trichloroethane	ND	ND,S1	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,1-Dichloroethane	ND	ND,S1	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,1-Dichloroethene	ND	ND,S1	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,2,3-Trichloropropane	ND	ND,S1	ug/L	2.0	0.60	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND,S1	ug/L	0.019	0.0046	SW846 8011	1	04/28/2023 00:42	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND,S1	ug/L	7.0	1.5	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,2-Dibromoethane	ND	ND,S1	ug/L	0.019	0.0095	SW846 8011	1	04/28/2023 00:42	EGO	A
1,2-Dibromoethane	ND	ND,S1	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,2-Dichlorobenzene	ND	ND,S1	ug/L	1.0	0.38	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,2-Dichloroethane	ND	ND,S1	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,2-Dichloropropane	ND	ND,S1	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 01:28	PDK	C
1,4-Dichlorobenzene	ND	ND,S1	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 01:28	PDK	C
2-Butanone	ND	ND,S1	ug/L	10.0	1.8	SW846 8260C	1	05/08/2023 01:28	PDK	C
2-Hexanone	ND	ND,S1	ug/L	5.0	1.3	SW846 8260C	1	05/08/2023 01:28	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND,S1	ug/L	5.0	1.5	SW846 8260C	1	05/08/2023 01:28	PDK	C



Results

Client Sample ID	T-3	Collected	04/24/2023 09:55
Lab Sample ID	3299471003	Lab Receipt	04/24/2023 13:22

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Acetone	ND	ND,S1	ug/L	10.0	3.1	SW846 8260C	1	05/08/2023 01:28	PDK	C
Acrylonitrile	ND	ND,S1	ug/L	5.0	1.2	SW846 8260C	1	05/08/2023 01:28	PDK	C
Benzene	ND	ND,S1	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 01:28	PDK	C
Bromochloromethane	ND	ND,S1	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 01:28	PDK	C
Bromodichloromethane	ND	ND,S1	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 01:28	PDK	C
Bromoform	ND	ND,S1	ug/L	1.0	0.40	SW846 8260C	1	05/08/2023 01:28	PDK	C
Bromomethane	0.46J	J,S1	ug/L	1.0	0.39	SW846 8260C	1	05/08/2023 01:28	PDK	C
Carbon Disulfide	ND	ND,1,S1	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 01:28	PDK	C
Carbon Tetrachloride	ND	ND,S1	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 01:28	PDK	C
Chlorobenzene	ND	ND,S1	ug/L	1.0	0.19	SW846 8260C	1	05/08/2023 01:28	PDK	C
Chlorodibromomethane	ND	ND,S1	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 01:28	PDK	C
Chloroethane	ND	ND,S1	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:28	PDK	C
Chloroform	ND	ND,S1	ug/L	1.0	0.21	SW846 8260C	1	05/08/2023 01:28	PDK	C
Chloromethane	ND	ND,S1	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 01:28	PDK	C
cis-1,2-Dichloroethene	0.58J	J,S1	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 01:28	PDK	C
cis-1,3-Dichloropropene	ND	ND,S1	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 01:28	PDK	C
Cyclohexane	ND	ND,S1	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 01:28	PDK	C
Dibromomethane	ND	ND,S1	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 01:28	PDK	C
Dichlorodifluoromethane	ND	ND,S1	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:28	PDK	C
Ethylbenzene	ND	ND,S1	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 01:28	PDK	C
Iodomethane	ND	ND,S1	ug/L	1.0	0.42	SW846 8260C	1	05/08/2023 01:28	PDK	C
Methyl t-Butyl Ether	ND	ND,S1	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:28	PDK	C
Methylene Chloride	ND	ND,S1	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 01:28	PDK	C
mp-Xylene	ND	ND,S1	ug/L	2.0	0.52	SW846 8260C	1	05/08/2023 01:28	PDK	C
o-Xylene	ND	ND,S1	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:28	PDK	C
Styrene	ND	ND,S1	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 01:28	PDK	C
Tetrachloroethene	ND	ND,S1	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 01:28	PDK	C
Toluene	ND	ND,S1	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 01:28	PDK	C
Total Xylenes	ND	ND,S1	ug/L	3.0	0.66	SW846 8260C	1	05/08/2023 01:28	PDK	C
trans-1,2-Dichloroethene	ND	ND,S1	ug/L	1.0	0.26	SW846 8260C	1	05/08/2023 01:28	PDK	C
trans-1,3-Dichloropropene	ND	ND,S1	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 01:28	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND,S1	ug/L	3.0	0.86	SW846 8260C	1	05/08/2023 01:28	PDK	C
Trichloroethene	ND	ND,S1	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:28	PDK	C
Trichlorofluoromethane	ND	ND,S1	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 01:28	PDK	C
Vinyl Acetate	ND	ND,S1	ug/L	5.0	1.6	SW846 8260C	1	05/08/2023 01:28	PDK	C
Vinyl Chloride	ND	ND,S1	ug/L	1.0	0.30	SW846 8260C	1	05/08/2023 01:28	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	106%	62 - 133	05/08/2023 01:28	
1-Chloro-2-Fluorobenzene	348-51-6	93.9%	70 - 130	04/28/2023 00:42	
4-Bromofluorobenzene	460-00-4	108%	79 - 114	05/08/2023 01:28	
Dibromofluoromethane	1868-53-7	109%	78 - 116	05/08/2023 01:28	
Toluene-d8	2037-26-5	98.4%	76 - 127	05/08/2023 01:28	

WET CHEMISTRY



Results

Client Sample ID	T-3	Collected	04/24/2023 09:55
Lab Sample ID	3299471003	Lab Receipt	04/24/2023 13:22

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cnt
Alkalinity, Total	125	2,S1	mg/L	5	5	SM2320B-2011	1	04/27/2023 21:55	NML	E
Ammonia-N	ND	ND,S1	mg/L	0.100	0.03	ASTM D6919-17	10	05/03/2023 02:35	NML	F
Chemical Oxygen Demand (COD)	8J	J,S1	mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	113	S1	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 11:00	J1W	E
Nitrate-N	3.6	S1	mg/L	1.0	0.22	EPA 300.0	2	04/25/2023 11:00	J1W	E
Sulfate	2.6	S1	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 11:00	J1W	E
Total Dissolved Solids	302	S1	mg/L	25	25	SM2540C-15	1	04/28/2023 14:10	GJB	E



Results

Client Sample ID	SW-3	Collected	04/24/2023 10:30
Lab Sample ID	3299471004	Lab Receipt	04/24/2023 13:22

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Dissolved	ND	ND,S2	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 13:52	MO	H1
Arsenic, Dissolved	ND	ND,S2	mg/L	0.0030	0.0010	SW846 6020A	1	04/27/2023 13:52	MO	H1
Barium, Dissolved	0.066	S2	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:52	MO	H1
Beryllium, Dissolved	ND	ND,S2	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 13:52	MO	H1
Cadmium, Dissolved	ND	ND,S2	mg/L	0.0011	0.00037	SW846 6020A	1	04/27/2023 13:52	MO	H1
Calcium, Dissolved	16.4	S2	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 13:52	MO	H1
Chromium, Dissolved	ND	ND,S2	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 13:52	MO	H1
Cobalt, Dissolved	ND	ND,S2	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:52	MO	H1
Copper, Dissolved	ND	ND,S2	mg/L	0.0056	0.0019	SW846 6020A	1	04/28/2023 13:08	MO	H1
Hardness	81.0	4,S2	mg/L			SW846 6020A	1	05/03/2023 10:41	MO	G1
Iron, Dissolved	ND	ND,S2	mg/L	0.056	0.019	SW846 6020A	1	04/27/2023 13:52	MO	H1
Lead, Dissolved	ND	ND,S2	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 13:52	MO	H1
Magnesium, Dissolved	9.8	S2	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 13:52	MO	H1
Manganese, Dissolved	0.022	S2	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:52	MO	H1
Mercury, Dissolved	ND	ND,S2	mg/L	0.00022	0.000077	SW846 6020A	1	04/27/2023 13:52	MO	H1
Mercury, Dissolved	ND	ND,S2	mg/L	0.00050	0.00017	SW846 7470A	1	04/27/2023 10:48	WDA	H
Nickel, Dissolved	ND	ND,S2	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:52	MO	H1
Potassium, Dissolved	1.8	S2	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 13:52	MO	H1
Selenium, Dissolved	ND	ND,S2	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:52	MO	H1
Silver, Dissolved	ND	ND,S2	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 13:52	MO	H1
Sodium, Dissolved	49.7	S2	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 13:52	MO	H1
Thallium, Dissolved	ND	ND,S2	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 13:52	MO	H1
Titanium, Dissolved	ND	ND,S2	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:52	MO	H1
Vanadium, Dissolved	ND	ND,S2	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 13:52	MO	H1
Zinc, Dissolved	ND	ND,S2	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 13:52	MO	H1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND,S2	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,1,1-Trichloroethane	ND	ND,S2	ug/L	1.0	0.22	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,1,1,2,2-Tetrachloroethane	ND	ND,S2	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,1,2-Trichloroethane	ND	ND,S2	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,1-Dichloroethane	ND	ND,S2	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,1-Dichloroethene	ND	ND,S2	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,2,3-Trichloropropane	ND	ND,S2	ug/L	2.0	0.60	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND,S2	ug/L	0.020	0.0047	SW846 8011	1	04/28/2023 01:13	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND,S2	ug/L	7.0	1.5	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,2-Dibromoethane	ND	ND,S2	ug/L	0.020	0.0096	SW846 8011	1	04/28/2023 01:13	EGO	A
1,2-Dibromoethane	ND	ND,S2	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,2-Dichlorobenzene	ND	ND,S2	ug/L	1.0	0.38	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,2-Dichloroethane	ND	ND,S2	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,2-Dichloropropane	ND	ND,S2	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 01:51	PDK	C
1,4-Dichlorobenzene	ND	ND,S2	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 01:51	PDK	C
2-Butanone	ND	ND,S2	ug/L	10.0	1.8	SW846 8260C	1	05/08/2023 01:51	PDK	C
2-Hexanone	ND	ND,S2	ug/L	5.0	1.3	SW846 8260C	1	05/08/2023 01:51	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND,S2	ug/L	5.0	1.5	SW846 8260C	1	05/08/2023 01:51	PDK	C



Results

Client Sample ID	SW-3	Collected	04/24/2023 10:30
Lab Sample ID	3299471004	Lab Receipt	04/24/2023 13:22

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Acetone	ND	ND,S2	ug/L	10.0	3.1	SW846 8260C	1	05/08/2023 01:51	PDK	C
Acrylonitrile	ND	ND,S2	ug/L	5.0	1.2	SW846 8260C	1	05/08/2023 01:51	PDK	C
Benzene	ND	ND,S2	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 01:51	PDK	C
Bromochloromethane	ND	ND,S2	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 01:51	PDK	C
Bromodichloromethane	ND	ND,S2	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 01:51	PDK	C
Bromoform	ND	ND,S2	ug/L	1.0	0.40	SW846 8260C	1	05/08/2023 01:51	PDK	C
Bromomethane	0.51J	J,S2	ug/L	1.0	0.39	SW846 8260C	1	05/08/2023 01:51	PDK	C
Carbon Disulfide	ND	ND,1,S2	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 01:51	PDK	C
Carbon Tetrachloride	ND	ND,S2	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 01:51	PDK	C
Chlorobenzene	ND	ND,S2	ug/L	1.0	0.19	SW846 8260C	1	05/08/2023 01:51	PDK	C
Chlorodibromomethane	ND	ND,S2	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 01:51	PDK	C
Chloroethane	ND	ND,S2	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:51	PDK	C
Chloroform	ND	ND,S2	ug/L	1.0	0.21	SW846 8260C	1	05/08/2023 01:51	PDK	C
Chloromethane	ND	ND,S2	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 01:51	PDK	C
cis-1,2-Dichloroethene	ND	ND,S2	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 01:51	PDK	C
cis-1,3-Dichloropropene	ND	ND,S2	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 01:51	PDK	C
Cyclohexane	ND	ND,S2	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 01:51	PDK	C
Dibromomethane	ND	ND,S2	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 01:51	PDK	C
Dichlorodifluoromethane	ND	ND,S2	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:51	PDK	C
Ethylbenzene	ND	ND,S2	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 01:51	PDK	C
Iodomethane	ND	ND,S2	ug/L	1.0	0.42	SW846 8260C	1	05/08/2023 01:51	PDK	C
Methyl t-Butyl Ether	ND	ND,S2	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:51	PDK	C
Methylene Chloride	ND	ND,S2	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 01:51	PDK	C
mp-Xylene	ND	ND,S2	ug/L	2.0	0.52	SW846 8260C	1	05/08/2023 01:51	PDK	C
o-Xylene	ND	ND,S2	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:51	PDK	C
Styrene	ND	ND,S2	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 01:51	PDK	C
Tetrachloroethene	ND	ND,S2	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 01:51	PDK	C
Toluene	ND	ND,S2	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 01:51	PDK	C
Total Xylenes	ND	ND,S2	ug/L	3.0	0.66	SW846 8260C	1	05/08/2023 01:51	PDK	C
trans-1,2-Dichloroethene	ND	ND,S2	ug/L	1.0	0.26	SW846 8260C	1	05/08/2023 01:51	PDK	C
trans-1,3-Dichloropropene	ND	ND,S2	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 01:51	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND,S2	ug/L	3.0	0.86	SW846 8260C	1	05/08/2023 01:51	PDK	C
Trichloroethene	ND	ND,S2	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 01:51	PDK	C
Trichlorofluoromethane	ND	ND,S2	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 01:51	PDK	C
Vinyl Acetate	ND	ND,S2	ug/L	5.0	1.6	SW846 8260C	1	05/08/2023 01:51	PDK	C
Vinyl Chloride	ND	ND,S2	ug/L	1.0	0.30	SW846 8260C	1	05/08/2023 01:51	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	105%	62 - 133	05/08/2023 01:51	
1-Chloro-2-Fluorobenzene	348-51-6	98.5%	70 - 130	04/28/2023 01:13	
4-Bromofluorobenzene	460-00-4	106%	79 - 114	05/08/2023 01:51	
Dibromofluoromethane	1868-53-7	108%	78 - 116	05/08/2023 01:51	
Toluene-d8	2037-26-5	98.7%	76 - 127	05/08/2023 01:51	

WET CHEMISTRY



Results

Client Sample ID	SW-3	Collected	04/24/2023 10:30
Lab Sample ID	3299471004	Lab Receipt	04/24/2023 13:22

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	24	2,S2	mg/L	5	5	SM2320B-2011	1	04/27/2023 22:06	NML	E
Ammonia-N	0.526	S2	mg/L	0.100	0.03	ASTM D6919-17	10	05/03/2023 02:21	NML	F
Chemical Oxygen Demand (COD)	6J	J,S2	mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	86.6	S2	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 11:11	J1W	E
Nitrate-N	0.33J	J,S2	mg/L	1.0	0.22	EPA 300.0	2	04/25/2023 11:11	J1W	E
Sulfate	5.1	S2	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 11:11	J1W	E
Total Dissolved Solids	296	S2	mg/L	25	25	SM2540C-15	1	04/28/2023 14:10	GJB	E



Results

Client Sample ID	T-2	Collected	04/24/2023 10:45
Lab Sample ID	3299471005	Lab Receipt	04/24/2023 13:22

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Dissolved	ND	ND,S3,S4	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:15	MO	H1
Arsenic, Dissolved	ND	ND,S3,S4	mg/L	0.0030	0.0010	SW846 6020A	1	04/27/2023 14:15	MO	H1
Barium, Dissolved	0.0028J	J,S3,S4	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:15	MO	H1
Beryllium, Dissolved	ND	ND,S3,S4	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 14:15	MO	H1
Cadmium, Dissolved	ND	ND,S3,S4	mg/L	0.0011	0.00037	SW846 6020A	1	04/27/2023 14:15	MO	H1
Calcium, Dissolved	40.7	S3,S4	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:15	MO	H1
Chromium, Dissolved	ND	ND,S3,S4	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:15	MO	H1
Cobalt, Dissolved	ND	ND,S3,S4	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:15	MO	H1
Copper, Dissolved	ND	ND,S3,S4	mg/L	0.0056	0.0019	SW846 6020A	1	04/28/2023 13:10	MO	H1
Hardness	168	4,S3,S4	mg/L			SW846 6020A	1	05/03/2023 10:43	MO	G1
Iron, Dissolved	ND	ND,S3,S4	mg/L	0.056	0.019	SW846 6020A	1	04/27/2023 14:15	MO	H1
Lead, Dissolved	ND	ND,S3,S4	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:15	MO	H1
Magnesium, Dissolved	16.3	S3,S4	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:15	MO	H1
Manganese, Dissolved	0.30	S3,S4	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:15	MO	H1
Mercury, Dissolved	ND	ND,S3,S4	mg/L	0.00022	0.000077	SW846 6020A	1	04/27/2023 14:15	MO	H1
Mercury, Dissolved	ND	ND,S3,S4	mg/L	0.00050	0.00017	SW846 7470A	1	04/27/2023 10:49	WDA	H
Nickel, Dissolved	ND	ND,S3,S4	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:15	MO	H1
Potassium, Dissolved	2.0	S3,S4	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:15	MO	H1
Selenium, Dissolved	ND	ND,S3,S4	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:15	MO	H1
Silver, Dissolved	ND	ND,S3,S4	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:15	MO	H1
Sodium, Dissolved	17.6	S3,S4	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:15	MO	H1
Thallium, Dissolved	ND	ND,S3,S4	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 14:15	MO	H1
Titanium, Dissolved	ND	ND,S3,S4	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:15	MO	H1
Vanadium, Dissolved	ND	ND,S3,S4	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:15	MO	H1
Zinc, Dissolved	ND	ND,S3,S4	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:15	MO	H1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND,S3,S4	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 02:13	PKD	C
1,1,1-Trichloroethane	ND	ND,S3,S4	ug/L	1.0	0.22	SW846 8260C	1	05/08/2023 02:13	PKD	C
1,1,2,2-Tetrachloroethane	ND	ND,S3,S4	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 02:13	PKD	C
1,1,2-Trichloroethane	ND	ND,S3,S4	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:13	PKD	C
1,1-Dichloroethane	ND	ND,S3,S4	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 02:13	PKD	C
1,1-Dichloroethene	ND	ND,S3,S4	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 02:13	PKD	C
1,2,3-Trichloropropane	ND	ND,S3,S4	ug/L	2.0	0.60	SW846 8260C	1	05/08/2023 02:13	PKD	C
1,2-Dibromo-3-chloropropane	ND	ND,S3,S4	ug/L	7.0	1.5	SW846 8260C	1	05/08/2023 02:13	PKD	C
1,2-Dibromo-3-chloropropane	ND	ND,S3,S4	ug/L	0.019	0.0046	SW846 8011	1	04/28/2023 01:29	EGO	A



Results

Client Sample ID	T-2	Collected	04/24/2023 10:45
Lab Sample ID	3299471005	Lab Receipt	04/24/2023 13:22

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,2-Dibromoethane	ND	ND,S3,S4	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 02:13	PDK	C
1,2-Dibromoethane	ND	ND,S3,S4	ug/L	0.019	0.0095	SW846 8011	1	04/28/2023 01:29	EGO	A
1,2-Dichlorobenzene	ND	ND,S3,S4	ug/L	1.0	0.38	SW846 8260C	1	05/08/2023 02:13	PDK	C
1,2-Dichloroethane	ND	ND,S3,S4	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 02:13	PDK	C
1,2-Dichloropropane	ND	ND,S3,S4	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 02:13	PDK	C
1,4-Dichlorobenzene	ND	ND,S3,S4	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 02:13	PDK	C
2-Butanone	ND	ND,6,7,S3,S4	ug/L	10.0	1.8	SW846 8260C	1	05/08/2023 02:13	PDK	C
2-Hexanone	ND	ND,9,S3,S4	ug/L	5.0	1.3	SW846 8260C	1	05/08/2023 02:13	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND,S3,S4	ug/L	5.0	1.5	SW846 8260C	1	05/08/2023 02:13	PDK	C
Acetone	ND	ND,S3,S4	ug/L	10.0	3.1	SW846 8260C	1	05/08/2023 02:13	PDK	C
Acrylonitrile	ND	ND,S3,S4	ug/L	5.0	1.2	SW846 8260C	1	05/08/2023 02:13	PDK	C
Benzene	ND	ND,S3,S4	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 02:13	PDK	C
Bromochloromethane	ND	ND,5,S3,S4	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 02:13	PDK	C
Bromodichloromethane	ND	ND,S3,S4	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 02:13	PDK	C
Bromoform	ND	ND,S3,S4	ug/L	1.0	0.40	SW846 8260C	1	05/08/2023 02:13	PDK	C
Bromomethane	0.47J	J,S3,S4	ug/L	1.0	0.39	SW846 8260C	1	05/08/2023 02:13	PDK	C
Carbon Disulfide	ND	ND,1,8,S3,S4	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 02:13	PDK	C
Carbon Tetrachloride	ND	ND,S3,S4	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:13	PDK	C
Chlorobenzene	ND	ND,S3,S4	ug/L	1.0	0.19	SW846 8260C	1	05/08/2023 02:13	PDK	C
Chlorodibromomethane	ND	ND,S3,S4	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 02:13	PDK	C
Chloroethane	ND	ND,S3,S4	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:13	PDK	C
Chloroform	ND	ND,S3,S4	ug/L	1.0	0.21	SW846 8260C	1	05/08/2023 02:13	PDK	C
Chloromethane	ND	ND,S3,S4	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:13	PDK	C
cis-1,2-Dichloroethene	ND	ND,S3,S4	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 02:13	PDK	C
cis-1,3-Dichloropropene	ND	ND,S3,S4	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:13	PDK	C
Cyclohexane	ND	ND,S3,S4	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 02:13	PDK	C
Dibromomethane	ND	ND,S3,S4	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:13	PDK	C
Dichlorodifluoromethane	ND	ND,S3,S4	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:13	PDK	C
Ethylbenzene	ND	ND,S3,S4	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 02:13	PDK	C
Iodomethane	ND	ND,S3,S4	ug/L	1.0	0.42	SW846 8260C	1	05/08/2023 02:13	PDK	C
Methyl t-Butyl Ether	ND	ND,S3,S4	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:13	PDK	C
Methylene Chloride	ND	ND,S3,S4	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 02:13	PDK	C
mp-Xylene	ND	ND,S3,S4	ug/L	2.0	0.52	SW846 8260C	1	05/08/2023 02:13	PDK	C
o-Xylene	ND	ND,S3,S4	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:13	PDK	C
Styrene	ND	ND,S3,S4	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 02:13	PDK	C
Tetrachloroethene	ND	ND,S3,S4	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 02:13	PDK	C



Results

Client Sample ID	T-2	Collected	04/24/2023 10:45
Lab Sample ID	3299471005	Lab Receipt	04/24/2023 13:22

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Toluene	ND	ND,S3,S4	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 02:13	PDK	C
Total Xylenes	ND	ND,S3,S4	ug/L	3.0	0.66	SW846 8260C	1	05/08/2023 02:13	PDK	C
trans-1,2-Dichloroethene	ND	ND,S3,S4	ug/L	1.0	0.26	SW846 8260C	1	05/08/2023 02:13	PDK	C
trans-1,3-Dichloropropene	ND	ND,S3,S4	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 02:13	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND,S3,S4	ug/L	3.0	0.86	SW846 8260C	1	05/08/2023 02:13	PDK	C
Trichloroethene	ND	ND,S3,S4	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:13	PDK	C
Trichlorofluoromethane	ND	ND,10,S3,S4	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 02:13	PDK	C
Vinyl Acetate	ND	ND,S3,S4	ug/L	5.0	1.6	SW846 8260C	1	05/08/2023 02:13	PDK	C
Vinyl Chloride	ND	ND,S3,S4	ug/L	1.0	0.30	SW846 8260C	1	05/08/2023 02:13	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	106%	62 - 133	05/08/2023 02:13	
1-Chloro-2-Fluorobenzene	348-51-6	91.3%	70 - 130	04/28/2023 01:29	
4-Bromofluorobenzene	460-00-4	103%	79 - 114	05/08/2023 02:13	
Dibromofluoromethane	1868-53-7	108%	78 - 116	05/08/2023 02:13	
Toluene-d8	2037-26-5	98.3%	76 - 127	05/08/2023 02:13	

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	87	2,S3,S4	mg/L	5	5	SM2320B-2011	1	04/27/2023 22:17	NML	E
Ammonia-N	0.469	S3,S4	mg/L	0.100	0.03	ASTM D6919-17	10	05/03/2023 01:40	NML	F
Chemical Oxygen Demand (COD)	11J	J,S3,S4	mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	133	S3,S4	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 11:21	J1W	E
Nitrate-N	4.2	S3,S4	mg/L	1.0	0.22	EPA 300.0	2	04/25/2023 11:21	J1W	E
Sulfate	2.4	S3,S4	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 11:21	J1W	E
Total Dissolved Solids	288	S3,S4	mg/L	25	25	SM2540C-15	1	04/28/2023 14:10	GJB	E



Results

Client Sample ID	SW-2	Collected	04/24/2023 11:10
Lab Sample ID	3299471006	Lab Receipt	04/24/2023 13:22

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Dissolved	ND	ND,S5	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:17	MO	H1
Arsenic, Dissolved	ND	ND,S5	mg/L	0.0030	0.0010	SW846 6020A	1	04/27/2023 14:17	MO	H1
Barium, Dissolved	0.088	S5	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:17	MO	H1
Beryllium, Dissolved	ND	ND,S5	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 14:17	MO	H1
Cadmium, Dissolved	ND	ND,S5	mg/L	0.0011	0.00037	SW846 6020A	1	04/27/2023 14:17	MO	H1
Calcium, Dissolved	15.9	S5	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:17	MO	H1
Chromium, Dissolved	ND	ND,S5	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:17	MO	H1
Cobalt, Dissolved	ND	ND,S5	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:17	MO	H1
Copper, Dissolved	ND	ND,S5	mg/L	0.0056	0.0019	SW846 6020A	1	04/28/2023 13:13	MO	H1
Hardness	81.8	4,S5	mg/L			SW846 6020A	1	05/03/2023 10:45	MO	G1
Iron, Dissolved	ND	ND,S5	mg/L	0.056	0.019	SW846 6020A	1	04/27/2023 14:17	MO	H1
Lead, Dissolved	ND	ND,S5	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:17	MO	H1
Magnesium, Dissolved	10.1	S5	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:17	MO	H1
Manganese, Dissolved	0.017	S5	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:17	MO	H1
Mercury, Dissolved	ND	ND,S5	mg/L	0.00022	0.000077	SW846 6020A	1	04/27/2023 14:17	MO	H1
Mercury, Dissolved	ND	ND,S5	mg/L	0.00050	0.00017	SW846 7470A	1	04/27/2023 10:50	WDA	H
Nickel, Dissolved	ND	ND,S5	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:17	MO	H1
Potassium, Dissolved	2.0	S5	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:17	MO	H1
Selenium, Dissolved	ND	ND,S5	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:17	MO	H1
Silver, Dissolved	ND	ND,S5	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:17	MO	H1
Sodium, Dissolved	60.9	S5	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:17	MO	H1
Thallium, Dissolved	ND	ND,S5	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 14:17	MO	H1
Titanium, Dissolved	ND	ND,S5	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:17	MO	H1
Vanadium, Dissolved	ND	ND,S5	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:17	MO	H1
Zinc, Dissolved	0.0024J	J,S5	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:17	MO	H1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND,S5	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,1,1-Trichloroethane	ND	ND,S5	ug/L	1.0	0.22	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND,S5	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,1,2-Trichloroethane	ND	ND,S5	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,1-Dichloroethane	ND	ND,S5	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,1-Dichloroethene	ND	ND,S5	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,2,3-Trichloropropane	ND	ND,S5	ug/L	2.0	0.60	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND,S5	ug/L	0.019	0.0046	SW846 8011	1	04/28/2023 01:44	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND,S5	ug/L	7.0	1.5	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,2-Dibromoethane	ND	ND,S5	ug/L	0.019	0.0094	SW846 8011	1	04/28/2023 01:44	EGO	A
1,2-Dibromoethane	ND	ND,S5	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,2-Dichlorobenzene	ND	ND,S5	ug/L	1.0	0.38	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,2-Dichloroethane	ND	ND,S5	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,2-Dichloropropane	ND	ND,S5	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 02:36	PDK	C
1,4-Dichlorobenzene	ND	ND,S5	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 02:36	PDK	C
2-Butanone	ND	ND,S5	ug/L	10.0	1.8	SW846 8260C	1	05/08/2023 02:36	PDK	C
2-Hexanone	ND	ND,S5	ug/L	5.0	1.3	SW846 8260C	1	05/08/2023 02:36	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND,S5	ug/L	5.0	1.5	SW846 8260C	1	05/08/2023 02:36	PDK	C



Results

Client Sample ID	SW-2	Collected	04/24/2023 11:10
Lab Sample ID	3299471006	Lab Receipt	04/24/2023 13:22

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Acetone	ND	ND,S5	ug/L	10.0	3.1	SW846 8260C	1	05/08/2023 02:36	PDK	C
Acrylonitrile	ND	ND,S5	ug/L	5.0	1.2	SW846 8260C	1	05/08/2023 02:36	PDK	C
Benzene	ND	ND,S5	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 02:36	PDK	C
Bromochloromethane	ND	ND,S5	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 02:36	PDK	C
Bromodichloromethane	ND	ND,S5	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 02:36	PDK	C
Bromoform	ND	ND,S5	ug/L	1.0	0.40	SW846 8260C	1	05/08/2023 02:36	PDK	C
Bromomethane	0.42J	J,S5	ug/L	1.0	0.39	SW846 8260C	1	05/08/2023 02:36	PDK	C
Carbon Disulfide	ND	ND,1,S5	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 02:36	PDK	C
Carbon Tetrachloride	ND	ND,S5	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:36	PDK	C
Chlorobenzene	ND	ND,S5	ug/L	1.0	0.19	SW846 8260C	1	05/08/2023 02:36	PDK	C
Chlorodibromomethane	ND	ND,S5	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 02:36	PDK	C
Chloroethane	ND	ND,S5	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:36	PDK	C
Chloroform	ND	ND,S5	ug/L	1.0	0.21	SW846 8260C	1	05/08/2023 02:36	PDK	C
Chloromethane	ND	ND,S5	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:36	PDK	C
cis-1,2-Dichloroethene	ND	ND,S5	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 02:36	PDK	C
cis-1,3-Dichloropropene	ND	ND,S5	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:36	PDK	C
Cyclohexane	ND	ND,S5	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 02:36	PDK	C
Dibromomethane	ND	ND,S5	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:36	PDK	C
Dichlorodifluoromethane	ND	ND,S5	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:36	PDK	C
Ethylbenzene	ND	ND,S5	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 02:36	PDK	C
Iodomethane	ND	ND,S5	ug/L	1.0	0.42	SW846 8260C	1	05/08/2023 02:36	PDK	C
Methyl t-Butyl Ether	ND	ND,S5	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:36	PDK	C
Methylene Chloride	ND	ND,S5	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 02:36	PDK	C
mp-Xylene	ND	ND,S5	ug/L	2.0	0.52	SW846 8260C	1	05/08/2023 02:36	PDK	C
o-Xylene	ND	ND,S5	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:36	PDK	C
Styrene	ND	ND,S5	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 02:36	PDK	C
Tetrachloroethene	ND	ND,S5	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 02:36	PDK	C
Toluene	ND	ND,S5	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 02:36	PDK	C
Total Xylenes	ND	ND,S5	ug/L	3.0	0.66	SW846 8260C	1	05/08/2023 02:36	PDK	C
trans-1,2-Dichloroethene	ND	ND,S5	ug/L	1.0	0.26	SW846 8260C	1	05/08/2023 02:36	PDK	C
trans-1,3-Dichloropropene	ND	ND,S5	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 02:36	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND,S5	ug/L	3.0	0.86	SW846 8260C	1	05/08/2023 02:36	PDK	C
Trichloroethene	ND	ND,S5	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:36	PDK	C
Trichlorofluoromethane	ND	ND,S5	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 02:36	PDK	C
Vinyl Acetate	ND	ND,S5	ug/L	5.0	1.6	SW846 8260C	1	05/08/2023 02:36	PDK	C
Vinyl Chloride	ND	ND,S5	ug/L	1.0	0.30	SW846 8260C	1	05/08/2023 02:36	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	107%	62 - 133	05/08/2023 02:36	
1-Chloro-2-Fluorobenzene	348-51-6	93.6%	70 - 130	04/28/2023 01:44	
4-Bromofluorobenzene	460-00-4	107%	79 - 114	05/08/2023 02:36	
Dibromofluoromethane	1868-53-7	108%	78 - 116	05/08/2023 02:36	
Toluene-d8	2037-26-5	99.3%	76 - 127	05/08/2023 02:36	

WET CHEMISTRY



Results

Client Sample ID	SW-2	Collected	04/24/2023 11:10
Lab Sample ID	3299471006	Lab Receipt	04/24/2023 13:22

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	15	2,S5	mg/L	5	5	SM2320B-2011	1	04/27/2023 22:29	NML	E
Ammonia-N	ND	ND,S5	mg/L	0.100	0.03	ASTM D6919-17	10	05/03/2023 00:59	NML	F
Chemical Oxygen Demand (COD)	ND	ND,S5	mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	43.0	S5	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 11:32	J1W	E
Nitrate-N	ND	ND,S5	mg/L	1.0	0.22	EPA 300.0	2	04/25/2023 11:32	J1W	E
Sulfate	5.7	S5	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 11:32	J1W	E
Total Dissolved Solids	314	S5	mg/L	25	25	SM2540C-15	1	04/28/2023 14:10	GJB	E



Results

Client Sample ID	T-1	Collected	04/24/2023 11:35
Lab Sample ID	3299471007	Lab Receipt	04/24/2023 13:22

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Dissolved	ND	ND,S6	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:19	MO	H1
Arsenic, Dissolved	ND	ND,S6	mg/L	0.0030	0.0010	SW846 6020A	1	04/27/2023 14:19	MO	H1
Barium, Dissolved	0.033	S6	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:19	MO	H1
Beryllium, Dissolved	ND	ND,S6	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 14:19	MO	H1
Cadmium, Dissolved	ND	ND,S6	mg/L	0.0011	0.00037	SW846 6020A	1	04/27/2023 14:19	MO	H1
Calcium, Dissolved	20.7	S6	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:19	MO	H1
Chromium, Dissolved	ND	ND,S6	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:19	MO	H1
Cobalt, Dissolved	0.0078	S6	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:19	MO	H1
Copper, Dissolved	0.0020J	J,S6	mg/L	0.0056	0.0019	SW846 6020A	1	04/28/2023 13:15	MO	H1
Hardness	104	4,S6	mg/L			SW846 6020A	1	05/03/2023 10:47	MO	G1
Iron, Dissolved	0.26	S6	mg/L	0.056	0.019	SW846 6020A	1	04/27/2023 14:19	MO	H1
Lead, Dissolved	ND	ND,S6	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:19	MO	H1
Magnesium, Dissolved	12.8	S6	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:19	MO	H1
Manganese, Dissolved	2.1	S6	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:19	MO	H1
Mercury, Dissolved	ND	ND,S6	mg/L	0.00022	0.000077	SW846 6020A	1	04/27/2023 14:19	MO	H1
Mercury, Dissolved	ND	ND,S6	mg/L	0.00050	0.00017	SW846 7470A	1	04/27/2023 10:51	WDA	H
Nickel, Dissolved	ND	ND,S6	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:19	MO	H1
Potassium, Dissolved	1.5	S6	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:19	MO	H1
Selenium, Dissolved	ND	ND,S6	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:19	MO	H1
Silver, Dissolved	ND	ND,S6	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:19	MO	H1
Sodium, Dissolved	16.3	S6	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:19	MO	H1
Thallium, Dissolved	ND	ND,S6	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 14:19	MO	H1
Titanium, Dissolved	ND	ND,S6	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:19	MO	H1
Vanadium, Dissolved	ND	ND,S6	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:19	MO	H1
Zinc, Dissolved	ND	ND,S6	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:19	MO	H1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND,S6	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,1,1-Trichloroethane	ND	ND,S6	ug/L	1.0	0.22	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND,S6	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,1,2-Trichloroethane	ND	ND,S6	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,1-Dichloroethane	ND	ND,S6	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,1-Dichloroethene	ND	ND,S6	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,2,3-Trichloropropane	ND	ND,S6	ug/L	2.0	0.60	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND,S6	ug/L	0.019	0.0046	SW846 8011	1	04/28/2023 02:15	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND,S6	ug/L	7.0	1.5	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,2-Dibromoethane	ND	ND,S6	ug/L	0.019	0.0094	SW846 8011	1	04/28/2023 02:15	EGO	A
1,2-Dibromoethane	ND	ND,S6	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,2-Dichlorobenzene	ND	ND,S6	ug/L	1.0	0.38	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,2-Dichloroethane	ND	ND,S6	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,2-Dichloropropane	ND	ND,S6	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 02:59	PDK	C
1,4-Dichlorobenzene	ND	ND,S6	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 02:59	PDK	C
2-Butanone	ND	ND,S6	ug/L	10.0	1.8	SW846 8260C	1	05/08/2023 02:59	PDK	C
2-Hexanone	ND	ND,S6	ug/L	5.0	1.3	SW846 8260C	1	05/08/2023 02:59	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND,S6	ug/L	5.0	1.5	SW846 8260C	1	05/08/2023 02:59	PDK	C



Results

Client Sample ID	T-1	Collected	04/24/2023 11:35
Lab Sample ID	3299471007	Lab Receipt	04/24/2023 13:22

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Acetone	ND	ND,S6	ug/L	10.0	3.1	SW846 8260C	1	05/08/2023 02:59	PDK	C
Acrylonitrile	ND	ND,S6	ug/L	5.0	1.2	SW846 8260C	1	05/08/2023 02:59	PDK	C
Benzene	ND	ND,S6	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 02:59	PDK	C
Bromochloromethane	ND	ND,S6	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 02:59	PDK	C
Bromodichloromethane	ND	ND,S6	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 02:59	PDK	C
Bromoform	ND	ND,S6	ug/L	1.0	0.40	SW846 8260C	1	05/08/2023 02:59	PDK	C
Bromomethane	0.45J	J,S6	ug/L	1.0	0.39	SW846 8260C	1	05/08/2023 02:59	PDK	C
Carbon Disulfide	ND	ND,1,S6	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 02:59	PDK	C
Carbon Tetrachloride	ND	ND,S6	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:59	PDK	C
Chlorobenzene	ND	ND,S6	ug/L	1.0	0.19	SW846 8260C	1	05/08/2023 02:59	PDK	C
Chlorodibromomethane	ND	ND,S6	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 02:59	PDK	C
Chloroethane	ND	ND,S6	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:59	PDK	C
Chloroform	ND	ND,S6	ug/L	1.0	0.21	SW846 8260C	1	05/08/2023 02:59	PDK	C
Chloromethane	ND	ND,S6	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:59	PDK	C
cis-1,2-Dichloroethene	ND	ND,S6	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 02:59	PDK	C
cis-1,3-Dichloropropene	ND	ND,S6	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:59	PDK	C
Cyclohexane	ND	ND,S6	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 02:59	PDK	C
Dibromomethane	ND	ND,S6	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 02:59	PDK	C
Dichlorodifluoromethane	ND	ND,S6	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:59	PDK	C
Ethylbenzene	ND	ND,S6	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 02:59	PDK	C
Iodomethane	ND	ND,S6	ug/L	1.0	0.42	SW846 8260C	1	05/08/2023 02:59	PDK	C
Methyl t-Butyl Ether	ND	ND,S6	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:59	PDK	C
Methylene Chloride	ND	ND,S6	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 02:59	PDK	C
mp-Xylene	ND	ND,S6	ug/L	2.0	0.52	SW846 8260C	1	05/08/2023 02:59	PDK	C
o-Xylene	ND	ND,S6	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:59	PDK	C
Styrene	ND	ND,S6	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 02:59	PDK	C
Tetrachloroethene	ND	ND,S6	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 02:59	PDK	C
Toluene	ND	ND,S6	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 02:59	PDK	C
Total Xylenes	ND	ND,S6	ug/L	3.0	0.66	SW846 8260C	1	05/08/2023 02:59	PDK	C
trans-1,2-Dichloroethene	ND	ND,S6	ug/L	1.0	0.26	SW846 8260C	1	05/08/2023 02:59	PDK	C
trans-1,3-Dichloropropene	ND	ND,S6	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 02:59	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND,S6	ug/L	3.0	0.86	SW846 8260C	1	05/08/2023 02:59	PDK	C
Trichloroethene	ND	ND,S6	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 02:59	PDK	C
Trichlorofluoromethane	ND	ND,S6	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 02:59	PDK	C
Vinyl Acetate	ND	ND,S6	ug/L	5.0	1.6	SW846 8260C	1	05/08/2023 02:59	PDK	C
Vinyl Chloride	ND	ND,S6	ug/L	1.0	0.30	SW846 8260C	1	05/08/2023 02:59	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	105%	62 - 133	05/08/2023 02:59	
1-Chloro-2-Fluorobenzene	348-51-6	91.4%	70 - 130	04/28/2023 02:15	
4-Bromofluorobenzene	460-00-4	103%	79 - 114	05/08/2023 02:59	
Dibromofluoromethane	1868-53-7	107%	78 - 116	05/08/2023 02:59	
Toluene-d8	2037-26-5	97.3%	76 - 127	05/08/2023 02:59	

WET CHEMISTRY



Results

Client Sample ID	T-1	Collected	04/24/2023 11:35
Lab Sample ID	3299471007	Lab Receipt	04/24/2023 13:22

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	76	2,S6	mg/L	5	5	SM2320B-2011	1	04/27/2023 22:41	NML	E
Ammonia-N	ND	ND,S6	mg/L	0.100	0.03	ASTM D6919-17	10	05/03/2023 01:12	NML	F
Chemical Oxygen Demand (COD)	13J	J,S6	mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	148	S6	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 11:42	J1W	E
Nitrate-N	5.7	S6	mg/L	1.0	0.22	EPA 300.0	2	04/25/2023 11:42	J1W	E
Sulfate	ND	ND,S6	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 11:42	J1W	E
Total Dissolved Solids	178	S6	mg/L	25	25	SM2540C-15	1	04/28/2023 14:10	GJB	E



Results

Client Sample ID	SW-1	Collected	04/24/2023 12:00
Lab Sample ID	3299471008	Lab Receipt	04/24/2023 13:22

METALS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Antimony, Dissolved	ND	ND,S7	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:22	MO	H1
Arsenic, Dissolved	ND	ND,S7	mg/L	0.0030	0.0010	SW846 6020A	1	04/27/2023 14:22	MO	H1
Barium, Dissolved	0.11	S7	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:22	MO	H1
Beryllium, Dissolved	ND	ND,S7	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 14:22	MO	H1
Cadmium, Dissolved	ND	ND,S7	mg/L	0.0011	0.00037	SW846 6020A	1	04/27/2023 14:22	MO	H1
Calcium, Dissolved	16.6	S7	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:22	MO	H1
Chromium, Dissolved	ND	ND,S7	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:22	MO	H1
Cobalt, Dissolved	ND	ND,S7	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:22	MO	H1
Copper, Dissolved	ND	ND,S7	mg/L	0.0056	0.0019	SW846 6020A	1	04/28/2023 13:17	MO	H1
Hardness	89.3	4,S7	mg/L			SW846 6020A	1	05/03/2023 10:49	MO	G1
Iron, Dissolved	ND	ND,S7	mg/L	0.056	0.019	SW846 6020A	1	04/27/2023 14:22	MO	H1
Lead, Dissolved	ND	ND,S7	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:22	MO	H1
Magnesium, Dissolved	11.5	S7	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:22	MO	H1
Manganese, Dissolved	0.0053J	J,S7	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:22	MO	H1
Mercury, Dissolved	ND	ND,S7	mg/L	0.00022	0.000077	SW846 6020A	1	04/27/2023 14:22	MO	H1
Mercury, Dissolved	ND	ND,S7	mg/L	0.00050	0.00017	SW846 7470A	1	04/27/2023 10:52	WDA	H
Nickel, Dissolved	ND	ND,S7	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:22	MO	H1
Potassium, Dissolved	2.2	S7	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:22	MO	H1
Selenium, Dissolved	ND	ND,S7	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:22	MO	H1
Silver, Dissolved	ND	ND,S7	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:22	MO	H1
Sodium, Dissolved	64.6	S7	mg/L	0.11	0.037	SW846 6020A	1	04/27/2023 14:22	MO	H1
Thallium, Dissolved	ND	ND,S7	mg/L	0.0010	0.00030	SW846 6020A	1	04/27/2023 14:22	MO	H1
Titanium, Dissolved	ND	ND,S7	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:22	MO	H1
Vanadium, Dissolved	ND	ND,S7	mg/L	0.0022	0.00074	SW846 6020A	1	04/27/2023 14:22	MO	H1
Zinc, Dissolved	0.0069	S7	mg/L	0.0056	0.0019	SW846 6020A	1	04/27/2023 14:22	MO	H1

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,1,1,2-Tetrachloroethane	ND	ND,S7	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,1,1-Trichloroethane	ND	ND,S7	ug/L	1.0	0.22	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,1,2,2-Tetrachloroethane	ND	ND,S7	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,1,2-Trichloroethane	ND	ND,S7	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,1-Dichloroethane	ND	ND,S7	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,1-Dichloroethene	ND	ND,S7	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,2,3-Trichloropropane	ND	ND,S7	ug/L	2.0	0.60	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,2-Dibromo-3-chloropropane	ND	ND,S7	ug/L	0.019	0.0046	SW846 8011	1	04/28/2023 02:30	EGO	A
1,2-Dibromo-3-chloropropane	ND	ND,S7	ug/L	7.0	1.5	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,2-Dibromoethane	ND	ND,S7	ug/L	0.019	0.0095	SW846 8011	1	04/28/2023 02:30	EGO	A
1,2-Dibromoethane	ND	ND,S7	ug/L	1.0	0.28	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,2-Dichlorobenzene	ND	ND,S7	ug/L	1.0	0.38	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,2-Dichloroethane	ND	ND,S7	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,2-Dichloropropane	ND	ND,S7	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 03:21	PDK	C
1,4-Dichlorobenzene	ND	ND,S7	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 03:21	PDK	C
2-Butanone	ND	ND,S7	ug/L	10.0	1.8	SW846 8260C	1	05/08/2023 03:21	PDK	C
2-Hexanone	ND	ND,S7	ug/L	5.0	1.3	SW846 8260C	1	05/08/2023 03:21	PDK	C
4-Methyl-2-Pentanone(MIBK)	ND	ND,S7	ug/L	5.0	1.5	SW846 8260C	1	05/08/2023 03:21	PDK	C



Results

Client Sample ID	SW-1	Collected	04/24/2023 12:00
Lab Sample ID	3299471008	Lab Receipt	04/24/2023 13:22

VOLATILE ORGANICS (cont.)

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Acetone	ND	ND,S7	ug/L	10.0	3.1	SW846 8260C	1	05/08/2023 03:21	PDK	C
Acrylonitrile	ND	ND,S7	ug/L	5.0	1.2	SW846 8260C	1	05/08/2023 03:21	PDK	C
Benzene	ND	ND,S7	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 03:21	PDK	C
Bromochloromethane	ND	ND,S7	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 03:21	PDK	C
Bromodichloromethane	ND	ND,S7	ug/L	1.0	0.27	SW846 8260C	1	05/08/2023 03:21	PDK	C
Bromoform	ND	ND,S7	ug/L	1.0	0.40	SW846 8260C	1	05/08/2023 03:21	PDK	C
Bromomethane	0.45J	J,S7	ug/L	1.0	0.39	SW846 8260C	1	05/08/2023 03:21	PDK	C
Carbon Disulfide	ND	ND,1,S7	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 03:21	PDK	C
Carbon Tetrachloride	ND	ND,S7	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 03:21	PDK	C
Chlorobenzene	ND	ND,S7	ug/L	1.0	0.19	SW846 8260C	1	05/08/2023 03:21	PDK	C
Chlorodibromomethane	ND	ND,S7	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 03:21	PDK	C
Chloroethane	ND	ND,S7	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 03:21	PDK	C
Chloroform	ND	ND,S7	ug/L	1.0	0.21	SW846 8260C	1	05/08/2023 03:21	PDK	C
Chloromethane	ND	ND,S7	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 03:21	PDK	C
cis-1,2-Dichloroethene	ND	ND,S7	ug/L	1.0	0.32	SW846 8260C	1	05/08/2023 03:21	PDK	C
cis-1,3-Dichloropropene	ND	ND,S7	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 03:21	PDK	C
Cyclohexane	ND	ND,S7	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 03:21	PDK	C
Dibromomethane	ND	ND,S7	ug/L	1.0	0.31	SW846 8260C	1	05/08/2023 03:21	PDK	C
Dichlorodifluoromethane	ND	ND,S7	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 03:21	PDK	C
Ethylbenzene	ND	ND,S7	ug/L	1.0	0.34	SW846 8260C	1	05/08/2023 03:21	PDK	C
Iodomethane	ND	ND,S7	ug/L	1.0	0.42	SW846 8260C	1	05/08/2023 03:21	PDK	C
Methyl t-Butyl Ether	ND	ND,S7	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 03:21	PDK	C
Methylene Chloride	ND	ND,S7	ug/L	1.0	0.45	SW846 8260C	1	05/08/2023 03:21	PDK	C
mp-Xylene	ND	ND,S7	ug/L	2.0	0.52	SW846 8260C	1	05/08/2023 03:21	PDK	C
o-Xylene	ND	ND,S7	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 03:21	PDK	C
Styrene	ND	ND,S7	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 03:21	PDK	C
Tetrachloroethene	ND	ND,S7	ug/L	1.0	0.35	SW846 8260C	1	05/08/2023 03:21	PDK	C
Toluene	ND	ND,S7	ug/L	1.0	0.23	SW846 8260C	1	05/08/2023 03:21	PDK	C
Total Xylenes	ND	ND,S7	ug/L	3.0	0.66	SW846 8260C	1	05/08/2023 03:21	PDK	C
trans-1,2-Dichloroethene	ND	ND,S7	ug/L	1.0	0.26	SW846 8260C	1	05/08/2023 03:21	PDK	C
trans-1,3-Dichloropropene	ND	ND,S7	ug/L	1.0	0.29	SW846 8260C	1	05/08/2023 03:21	PDK	C
trans-1,4-Dichloro-2-butene	ND	ND,S7	ug/L	3.0	0.86	SW846 8260C	1	05/08/2023 03:21	PDK	C
Trichloroethene	ND	ND,S7	ug/L	1.0	0.33	SW846 8260C	1	05/08/2023 03:21	PDK	C
Trichlorofluoromethane	ND	ND,S7	ug/L	1.0	0.24	SW846 8260C	1	05/08/2023 03:21	PDK	C
Vinyl Acetate	ND	ND,S7	ug/L	5.0	1.6	SW846 8260C	1	05/08/2023 03:21	PDK	C
Vinyl Chloride	ND	ND,S7	ug/L	1.0	0.30	SW846 8260C	1	05/08/2023 03:21	PDK	C

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1,2-Dichloroethane-d4	17060-07-0	107%	62 - 133	05/08/2023 03:21	
1-Chloro-2-Fluorobenzene	348-51-6	95.5%	70 - 130	04/28/2023 02:30	
4-Bromofluorobenzene	460-00-4	102%	79 - 114	05/08/2023 03:21	
Dibromofluoromethane	1868-53-7	108%	78 - 116	05/08/2023 03:21	
Toluene-d8	2037-26-5	98.8%	76 - 127	05/08/2023 03:21	

WET CHEMISTRY



Results

Client Sample ID	SW-1	Collected	04/24/2023 12:00
Lab Sample ID	3299471008	Lab Receipt	04/24/2023 13:22

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Alkalinity, Total	11	2,S7	mg/L	5	5	SM2320B-2011	1	04/27/2023 23:28	NML	E
Ammonia-N	0.427	S7	mg/L	0.100	0.03	ASTM D6919-17	10	05/03/2023 02:48	NML	F
Chemical Oxygen Demand (COD)	9J	J,S7	mg/L	15	5	EPA 410.4	1	04/26/2023 10:58	KMS	F
Chloride	149	S7	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 17:58	J1W	E
Nitrate-N	5.7	S7	mg/L	1.0	0.22	EPA 300.0	2	04/25/2023 17:58	J1W	E
Sulfate	ND	ND,S7	mg/L	2.0	1.5	EPA 300.0	2	04/25/2023 17:58	J1W	E
Total Dissolved Solids	350	S7	mg/L	25	25	SM2540C-15	1	04/28/2023 14:10	GJB	E



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3299471001	Trip Blank	SW846 8011	SW846 8011	
		SW846 8260C	N/A	
3299471002	Field Blank	SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
SM2540C-15	N/A			
3299471003	T-3	SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
3299471004	SW-3	SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
3299471005	T-2	SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
3299471006	SW-2	SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	



Project Parkton Sanitary Landfill
Workorder 3299471

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3299471007	T-1	SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	
3299471008	SW-1	SW846 6020A	SW846 3015A	
		SW846 6020A	SW846 3015A	
		SW846 7470A	SW846 7470A	
		SW846 8011	SW846 8011	
		SW846 8260C	N/A	
		ASTM D6919-17	N/A	
		EPA 300.0	N/A	
		EPA 410.4	N/A	
		SM2320B-2011	N/A	
		SM2540C-15	N/A	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3299471001	Trip Blank	SW846 8011	980707	04/27/2023 20:25	EGO	SW846 8011	981152
		N/A	N/A	N/A		SW846 8260C	989454
3299471002	Field Blank	SW846 3015A	978894	04/25/2023 11:20	JSE	SW846 6020A	984827
		SW846 7470A	979564	04/26/2023 08:30	WDA	SW846 7470A	979777
		SW846 8011	980707	04/27/2023 20:25	EGO	SW846 8011	981152
		N/A	N/A	N/A		SW846 8260C	989454
		N/A	N/A	N/A		ASTM D6919-17	984571
		N/A	N/A	N/A		EPA 300.0	981197
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
3299471003	T-3	SW846 3015A	978894	04/25/2023 11:20	JSE	SW846 6020A	984827
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	982456
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	980648
		SW846 7470A	979561	04/26/2023 08:30	WDA	SW846 7470A	979774
		SW846 8011	980707	04/27/2023 20:25	EGO	SW846 8011	981152
		N/A	N/A	N/A		SW846 8260C	989454
		N/A	N/A	N/A		ASTM D6919-17	984571
		N/A	N/A	N/A		EPA 300.0	978869
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
3299471004	SW-3	SW846 3015A	978894	04/25/2023 11:20	JSE	SW846 6020A	984827
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	982456
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	980648
		SW846 7470A	979561	04/26/2023 08:30	WDA	SW846 7470A	979774
		SW846 8011	980707	04/27/2023 20:25	EGO	SW846 8011	981152
		N/A	N/A	N/A		SW846 8260C	989454
		N/A	N/A	N/A		ASTM D6919-17	984571
		N/A	N/A	N/A		EPA 300.0	978869
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
3299471005	T-2	SW846 3015A	978894	04/25/2023 11:20	JSE	SW846 6020A	984827
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	982456
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	980648
		SW846 7470A	979561	04/26/2023 08:30	WDA	SW846 7470A	979774
		SW846 8011	980707	04/27/2023 20:25	EGO	SW846 8011	981152
		N/A	N/A	N/A		SW846 8260C	989454
		N/A	N/A	N/A		ASTM D6919-17	984571
		N/A	N/A	N/A		EPA 300.0	978869
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
3299471006	SW-2	SW846 3015A	978894	04/25/2023 11:20	JSE	SW846 6020A	984827
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	982456
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	980648
		SW846 7470A	979561	04/26/2023 08:30	WDA	SW846 7470A	979774
		SW846 8011	980707	04/27/2023 20:25	EGO	SW846 8011	981152
		N/A	N/A	N/A		SW846 8260C	989454
		N/A	N/A	N/A		ASTM D6919-17	984571
		N/A	N/A	N/A		EPA 300.0	978869
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
N/A	N/A	N/A		SM2540C-15	980359		



Project Parkton Sanitary Landfill
Workorder 3299471

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3299471007	T-1	SW846 3015A	978894	04/25/2023 11:20	JSE	SW846 6020A	984827
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	982456
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	980648
		SW846 7470A	979561	04/26/2023 08:30	WDA	SW846 7470A	979774
		SW846 8011	980707	04/27/2023 20:25	EGO	SW846 8011	981152
		N/A	N/A	N/A		SW846 8260C	989454
		N/A	N/A	N/A		ASTM D6919-17	984571
		N/A	N/A	N/A		EPA 300.0	978869
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
3299471008	SW-1	SW846 3015A	978894	04/25/2023 11:20	JSE	SW846 6020A	984827
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	982456
		SW846 3015A	978895	04/26/2023 12:42	JSE	SW846 6020A	980648
		SW846 7470A	979561	04/26/2023 08:30	WDA	SW846 7470A	979774
		SW846 8011	980707	04/27/2023 20:25	EGO	SW846 8011	981152
		N/A	N/A	N/A		SW846 8260C	989454
		N/A	N/A	N/A		ASTM D6919-17	984571
		N/A	N/A	N/A		EPA 300.0	978869
		N/A	N/A	N/A		EPA 410.4	979666
		N/A	N/A	N/A		SM2320B-2011	980265
N/A	N/A	N/A		SM2540C-15	980359		

CHAIN OF CUSTODY / SAMPLE INFORMATION FORM

Maryland Environmental Service • 259 Najoles Rd. • Millersville, MD 21108 • (410) 729-8200 • FAX (410) 729-8340

3299471

Logged By: CKM
PH: GJH



Laboratory: ALS

Client Name: Maryland Environmental Service, Attn: Cheryl Griffin

Client Address: 259 Najoles Rd, Millersville, MD 21108 410-729-8356

Sampler: *Laura Russell / Tom Reedy / B*

Facility Name: Parkton Sanitary Landfill

Project# / Purpose: 3926-2000

Invoice To: Same

Turnaround Time: Routine

Sample #	Sample ID	Grab or Composite	Container Description/Preservation Status	Matrix	# of Containers	Date	Time	Analyses Required/Comments
1	Trip Blank	N/A	40 mL G Na2S2O3	W	2	4-24-23	--	VOCs (8011)
			40 mL G HCl	W	2		--	VOCs (8260)
2	Field Blank	G	40 mL G Na2S2O3	W	2	4-24-23	0930	VOCs (8011)
			40 mL G HCl	W	2			VOCs (8260)
			125 mL P HNO3	W	1			Metals - Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Hg, Ni, K, Se, Ag, Na, Ti, V, Zn (6020), Hg (7470), Hardness
			1 L P unpreserved	W	1			Alkalinity, TDS, Nitrate (EPA 300), Sulfate, Chloride
			250 mL P H2SO4	W	1			Ammonia, COD

Therm ID

570

DAG

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Temp By: DAG

Temp (°C) 7

Receipt Info Completed By:

Cooler Custody Seal Intact

Sample Custody Seal Intact

Received on Ice

Cooler & Samples Intact

Correct Containers Provided

Sample Label/COC Agree

Adequate Sample Volumes

CR6 Samples Filtered

OP Samples Filtered

VOA Headspace Present

Voa Trip Blank

NLS 4 Days?

Rad Screen (uCi)

Courier/Tracking #:

SDWA Compliance

PWSID

WV Containers 0-6°C

Y N NA

Y N NA

Y N NA

Y N NA

Y N NA

Receipt Information (LAB U)

Sufficient ice? - Yes/No

Temp = 7

1H-570

Sample containers properly pres'd? - Yes/No

If No, explain

Date 4-24-23

Time 13:22

Date 4/24/23

Time 13:22

Date

Time

Received *[Signature]*

Received by: DAG

Received by: *[Signature]*

Received by:

Received by:

Received by:

Initials: _____ Date: _____

APPENDIX E

Event Summary Tables for Groundwater and Surface water

PSL Spring 2023 Groundwater Monitoring Event Summary - Table II

Parameter Name	Units	Compliance Limit	Date & Well ID																										
			4/17/2023					4/18/2023					4/19/2023					4/20/2023					4/21/2023						
			Field Blank	MW-24D	MW-24S	MW-25D	MW-25S	Field Blank	MW-26S	MW-27D	MW-27S	MW-28D	MW-28S	Field Blank	MW-17	MW-19	MW-7	MW-9	Field Blank	MW-10	MW-15	MW-16	MW-21D	MW-22	Field Blank	MW-2	MW-23	MW-29	MW-3
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Barium, Total	mg/L	2	ND	ND	ND	0.012	1.6	ND	0.045	ND	0.016	ND	0.019	ND	0.15	0.0054 J	0.012	0.12	ND	0.031	0.0031 J	0.33	0.0063	0.029	ND	0.09	0.0082	0.09	0.018
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00039 J	ND	0.00037 J	ND	
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	0.00095 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00056 J	
Calcium, Total	mg/L	--	0.062 J	7.3	8.1	51.9	378	0.44	75.8	30.4	29.4	35.7	14.7	0.13	23.8	62	15.2	23.6	0.1 J	124	34	166	236	145	0.14	1.1	150	1.2	13.3
Chromium, Total	mg/L	0.1	ND	0.0012 J	0.0012 J	0.001 J	0.0046	ND	0.004	0.0013 J	0.0022	ND	0.0012 J	ND	0.0033	ND	0.0011 J	0.0018 J	ND	ND	0.0026	0.0038	0.0053	0.0008 J	ND	ND	0.00086 J	ND	0.0011 J
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND	ND	0.0025 J	ND	ND	ND	ND	ND	0.018	0.028	ND	0.0031 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.018
Copper, Total	mg/L	1.3	ND	0.0037 J	ND	ND	0.0025 J	ND	0.0041 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0062	0.0031 J	ND	0.0033 J	ND	ND	0.02	ND	0.02	0.0072	
Iron, Total	mg/L	0.3	ND	0.024 J	ND	13.7	0.078	ND	0.083	0.92	ND	143	ND	0.13	21.5	0.79	0.032 J	8.4	ND	36.7	36.4	36.4	0.083	0.056	ND	ND	65.3	ND	0.021 J
Lead, Total	mg/L	0.15	ND	ND	ND	ND	0.00093 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Magnesium, Total	mg/L	--	ND	2.8	3.1	14.8	160	0.12	25.4	9.6	11.8	14.9	6.4	ND	6.1	26.1	9.1	17.2	0.086 J	21.4	12.4	48.4	90	17.7	ND	2	54.8	2	6.4
Manganese, Total	mg/L	0.05	ND	0.012	ND	0.42	0.23	ND	0.048	0.03	ND	1.3	0.0032 J	0.016	4.8	8.2	0.012	1.9	ND	0.39	0.67	8.6	0.013	0.055	ND	0.12	1.2	0.12	0.11
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	0.0002 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	0.018	ND	0.0022 J	ND	ND	ND	ND	ND	0.0051 J	0.0078	ND	0.003 J	ND	ND	0.0031 J	ND	0.0096	ND	ND	0.014	ND	0.012	0.0033 J
Potassium, Total	mg/L	--	ND	0.6	0.62	2	5.7	ND	2.8	1.2	19.2	0.37	2.3	ND	1.7	2.1	0.96	19.9	ND	2.2	1.6	6.6	2.9	1.3	ND	3.9	3.5	3.8	1.1
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	0.011	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0028	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	--	0.28	3.3	5.1	92.2	253	0.68	441	9.4	17.4	2.2	6	0.34	7.8	15.8	1.4	24.3	0.62	17	11.3	52.7	208	9.5	0.41	1	229	1.1	4.9
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0017 J	ND	ND	ND	ND	ND	ND	0.00077 J	0.0016 J	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.0041 J	ND	0.0023 J	0.05	ND	0.0052 J	ND	ND	ND	0.0021 J	ND	ND	0.0022 J	ND	0.0019 J	ND	0.0032 J	ND	ND	0.0061	ND	ND	0.034	ND	0.034	0.0078
Alkalinity, Total	mg/L	--	ND	32	40	109	25	ND	140	76	139	160	46	ND	117	125	65	166	ND	277	77	121	63	47	ND	ND	124	ND	34
Ammonia-N	mg/L	--	0.019	0.19	0.12	ND	ND	0.053	ND	ND	ND	0.18	0.156	0.031 J	0.582	0.264	0.458	24	0.032 J	0.224	0.508	ND	0.183	0.317	ND	0.129	ND	0.247	0.113
Chemical Oxygen Demand (COD)	mg/L	250	10 J	10 J	ND	76	72	46	53	61	51	54	45	49	32	31	50	57	31	35	28	26	25	41	16	10 J	25	15	13 J
Chloride	mg/L	--	ND	1.7 J	1.7 J	194	1480	ND	734	13.8	11.9	6.1	5.4	ND	3.4	135	ND	48.1	ND	115	60.4	480	985	300	ND	2.3	675	2.3	14.9
Hardness	mg/L	10	0.19	29.7	32.9	191	1600	1.6	294	115	122	150	63	0.41	84.7	262	75.5	130	0.61	397	136	614	959	435	0.5	11	601	11.1	59.7
Nitrate-N	mg/L	8.5	ND	0.49 J	0.28 J	ND	1.6 J	ND	1.3 J	10.1	7	ND	0.69 J	ND	ND	ND	1.4	0.25 J	ND	ND	ND	ND	3.6	ND	ND	3.2	ND	3.2	2.3
pH	SU	--	--	5.41	6.11	6.67	5.18	--	6.02	6.43	6.49	6.59	5.24	--	5.63	5.97	5.76	6.69	--	6.74	6.08	5.67	5.78	8.01	--	5.18	7.17	--	5.57
Specific Conductance	umhos/cm	250	--	68.46	75.38	758.67	3042.1	--	2047.3	252.27	331.43	531.67	146.17	--	296.54	613.73	158.38	592.45	--	599.82	338.74	839.76	1234	714.21	--	43.22	1313.3	--	156.25
Sulfate	mg/L	500	ND	4.6	2	4.3	4.4 J	ND	42.5	4.7	2.4	2.3	22.6	ND	ND	4.9	3.4	31.3	ND	4.2	2.1	5.5	5.9	17.4	ND	1.7 J	ND	1.7 J	11.2
Total Dissolved Solids	mg/L	5	ND	56	65	490	3190	129	1440	198	264	238	111	ND	172	412	88	256	ND	598	280	1530	2740	848	ND	44	1670	50	112
Turbidity	NTU	--	--	3.51	3.58	3.68	6.58	--	0.64	2.72	1.78	3.19	0	--	0	0	0	0	--	2.65	2.87	2.66	31.33	0	--	3.2	91.22	--	2.91

PSL Spring 2023 Surface Water Monitoring Event Summary - Table II

Parameter Name	Units	Compliance Limit	Date & Well ID						
			4/24/2023						
			Field Blank*	SW-1	SW-2	SW-3	T-1	T-2	T-3
Antimony, Dissolved	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND
Barium, Dissolved	mg/L	1	0.0049 J	0.11	0.088	0.066	0.033	0.0028 J	0.024
Beryllium, Dissolved	mg/L	0.004	0.00051 J	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	0.0006 J	ND	ND	ND	ND	ND	ND
Calcium, Dissolved	mg/L	--	0.13	16.6	15.9	16.4	20.7	40.7	48.6
Chromium, Dissolved	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	--	ND	ND	ND	ND	0.0078	ND	ND
Copper, Dissolved	mg/L	0.009	ND	ND	ND	ND	0.002 J	ND	ND
Iron, Dissolved	mg/L	--	ND	ND	ND	ND	0.26	ND	0.023 J
Lead, Dissolved	mg/L	0.0025	ND	ND	ND	ND	ND	ND	ND
Magnesium, Dissolved	mg/L	--	ND	11.5	10.1	9.8	12.8	16.3	17.8
Manganese, Dissolved	mg/L	--	ND	0.0053 J	0.017	0.022	2.1	0.3	0.7
Mercury, Dissolved	mg/L	0.00077	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	ND	ND	ND	ND	ND	ND	0.0023 J
Potassium, Dissolved	mg/L	--	ND	2.2	2	1.8	1.5	2	1.8
Selenium, Dissolved	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND
Sodium, Dissolved	mg/L	--	0.32	64.6	60.9	49.7	16.3	17.6	17.4
Thallium, Dissolved	mg/L	0.00024	0.00044 J	ND	ND	ND	ND	ND	ND
Vanadium, Dissolved	mg/L	--	ND	ND	ND	ND	ND	ND	ND
Zinc, Dissolved	mg/L	0.12	ND	0.0069	0.0024 J	ND	ND	ND	0.0021 J
Alkalinity, Total	mg/L	--	ND	11	15	24	76	87	125
Ammonia-N	mg/L	--	ND	0.427	ND	0.526	ND	0.469	ND
Chemical Oxygen Demand(COD)	mg/L	--	7 J	9 J	ND	6 J	13 J	11 J	8 J
Chloride	mg/L	--	ND	149	43	86.6	148	133	113
Hardness	mg/L	--	0.43	89.3	81.8	81	104	168	181
Nitrate-N	mg/L	--	ND	5.7	ND	0.33 J	5.7	4.2	3.6
pH	SU	--	--	6.09	6.64	6.78	6.6	7.08	6.89
Specific Conductance	umhos/cm	--	--	393	0.08	315	225	325	354
Sulfate	mg/L	--	ND	ND	5.7	5.1	ND	2.4	2.6
Total Dissolved Solids	mg/L	--	ND	350	314	296	178	288	302
Turbidity	NTU	--	--	1.89	0	2.77	2.54	0.85	1.5

Note: *Sample analyzed for total metals.

APPENDIX F

Historical Groundwater and Surface Water Data

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-2											
Number of Sampling Dates: 46											
Parameter Name	Units	Compliance Limit	6/18/2001	12/12/2001	6/18/2002	11/26/2002	6/18/2003	2/2/2004	6/23/2004	1/13/2005	
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	ug/L	5	2	2	9	3	2	1	14	2	
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	ug/L	75	2	2	6	4	3	2	ND	2	
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	ug/L	--	2	ND	38	ND	ND	ND	ND	ND	
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND	
Cis-1,2-Dichloroethene	ug/L	70	ND	27	20	42	20	16	51	5	
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	2	ND	ND	ND	4	ND	
Methylene chloride	ug/L	5	1	ND	6	ND	ND	1	ND	ND	
Methyl t-Butyl Ether	ug/L	--	ND	ND	5	ND	ND	ND	ND	ND	
1,2-Dichloropropane	ug/L	5	ND	ND	5	1	ND	ND	6	ND	
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND	
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Tetrachloroethene	ug/L	5	2	ND	2	ND	ND	ND	4	ND	
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene	ug/L	5	4	3	5	4	3	2	23	ND	
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	

Location ID: MW-2
Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	6/18/2001	12/12/2001	6/18/2002	11/26/2002	6/18/2003	2/2/2004	6/23/2004	1/13/2005
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	3	2	2	2	2	25	3
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-2
Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	6/30/2005	2/7/2006	6/21/2006	1/18/2007	6/26/2007	2/6/2008	8/12/2008	1/28/2009
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	2	20	4	4	3	3	3	3
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	2	ND	ND	1	2	1	ND	2
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	9	2	2	ND	ND	ND	1
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	16	9	27	28	23	18	22	22
Trans-1,2-Dichloroethene	ug/L	100	ND	110	2	1	1	1	3	1
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-2										
Number of Sampling Dates: 46										
Parameter Name	Units	Compliance Limit	6/30/2005	2/7/2006	6/21/2006	1/18/2007	6/26/2007	2/6/2008	8/12/2008	1/28/2009
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	2	10	ND	2	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	1	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	3	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-2										
Number of Sampling Dates: 46										
Parameter Name	Units	Compliance Limit	5/21/2009	3/25/2010	7/22/2010	11/10/2010	6/23/2011	12/19/2011	6/12/2012	11/21/2012
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	3	2	1	1.1	2.8	2	ND	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	4	5	3	3.1	3.6	3	3	3
Trans-1,4-dic hloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	1	ND	ND	ND	1	ND	1

Location ID: MW-2		Number of Sampling Dates: 46									
Parameter Name	Units	Compliance Limit	5/21/2009	3/25/2010	7/22/2010	11/10/2010	6/23/2011	12/19/2011	6/12/2012	11/21/2012	
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND	
Cis-1,2-Dichloroethene	ug/L	70	22	18	13	17	23.2	14	12	11	
Trans-1,2-Dichloroethene	ug/L	100	1	ND	ND	ND	ND	ND	ND	ND	
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND	
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene	ug/L	5	ND	ND	ND	ND	1.3	ND	ND	ND	
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl chloride	ug/L	2	ND	2	1	1	1.1	ND	ND	ND	
Total Xylenes	ug/L	10000	ND	ND	ND	1	ND	ND	ND	ND	
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--	
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--	
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND	
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND	

Location ID: MW-2		Number of Sampling Dates: 46									
Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/29/2014	12/2/2014	4/21/2015	11/17/2015	7/5/2016	11/2/2016	
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	ug/L	5	ND	ND	1.89	ND	ND	ND	ND	6.62	
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	

Location ID: MW-2

Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/29/2014	12/2/2014	4/21/2015	11/17/2015	7/5/2016	11/2/2016
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	2	3.55	3.55	1.8	ND	ND	1.27	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	7	9.09	11.9	8.3	5.33	5.12	6.59	4.65
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	2	1.58	2.05	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-2
 Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	5/9/2017	10/25/2017	5/22/2018	7/9/2018	10/30/2018	7/9/2019	12/12/2019	5/28/2020
Acetone	ug/L	--	ND	ND	ND	--	ND	4.9 JB	ND U	ND U
Acrylonitrile	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Benzene	ug/L	5	ND	ND	ND	--	ND	ND U	ND U	ND U
Bromochloromethane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Bromomethane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
2-Butanone	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Carbon disulfide	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	--	ND	ND U	ND U	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	--	ND	ND U	ND U	ND U
Chloroethane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Chloromethane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	--	ND	ND U	ND U	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	--	ND	ND U	ND U	ND U
Dibromomethane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	--	ND	ND U	ND U	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	--	ND	ND U	ND U	ND U
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
1,1-Dichloroethane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	--	ND	ND U	ND U	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	--	ND	ND U	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	1.35	ND	ND	--	ND	ND U	ND U	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	--	ND	ND U	ND U	ND U
Methylene chloride	ug/L	5	ND	ND	ND	--	ND	ND U	ND U	ND U
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	--	ND	ND U	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	--	ND	ND U	ND U	ND U
2-Hexanone	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Iodomethane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Styrene	ug/L	100	ND	ND	ND	--	ND	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	--	ND	ND U	ND U	ND U
Toluene	ug/L	1000	ND	ND	ND	--	ND	ND U	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	--	ND	ND U	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	--	ND	ND U	ND U	ND U
Trichloroethene	ug/L	5	ND	ND	ND	--	ND	ND U	ND U	ND U
Trichlorofluoromethane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U

Location ID: MW-2										
Number of Sampling Dates: 46										
Parameter Name	Units	Compliance Limit	5/9/2017	10/25/2017	5/22/2018	7/9/2018	10/30/2018	7/9/2019	12/12/2019	5/28/2020
Vinyl acetate	ug/L	--	ND	ND	ND	--	ND	ND U	ND U	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	--	ND	ND U	ND U	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	--	ND	ND U	ND U	ND U
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	ND U
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	ND U
Bromodichloromethane	ug/L	80	ND	ND	ND	--	ND	ND U	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	--	ND	ND U	ND U	ND U
Bromoform	ug/L	80	ND	ND	ND	--	ND	ND U	ND U	ND U
Chloroform	ug/L	80	ND	ND	ND	--	ND	0.28 J	ND U	ND U

Location ID: MW-2										
Number of Sampling Dates: 46										
Parameter Name	Units	Compliance Limit	11/16/2020	5/18/2021	11/1/2021	5/25/2022	10/19/2022	4/21/2023		
Acetone	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
Acrylonitrile	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
Benzene	ug/L	5	ND U	ND U	ND U	ND	ND	ND		
Bromochloromethane	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
Bromomethane	ug/L	--	ND U	ND U	0.4 JB	ND	ND	ND		
2-Butanone	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
Carbon disulfide	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND	ND	ND		
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND	ND	ND		
Chloroethane	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
Chloromethane	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND	ND	ND		
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND	ND	ND		
Dibromomethane	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND	ND	ND		
1,4-Dichlorobenzene	ug/L	75	ND U	ND U	ND U	ND	ND	ND		
Trans-1,4-dichloro-2-butene	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
1,1-Dichloroethane	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND	ND	ND		
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND	ND	ND		
Cis-1,2-Dichloroethene	ug/L	70	ND U	ND U	ND U	ND	ND	ND		
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND	ND	ND		
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND	ND	ND		
Methyl t-Butyl Ether	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND	ND	ND		
Trans-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
Cis-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND	ND	ND		
2-Hexanone	ug/L	--	ND U	ND U	ND U	ND	ND	ND		
Iodomethane	ug/L	--	ND U	ND U	ND U	ND	ND	ND		

Location ID: MW-2

Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	11/16/2020	5/18/2021	11/1/2021	5/25/2022	10/19/2022	4/21/2023
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	--	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-2										
Number of Sampling Dates: 46										
Parameter Name	Units	Compliance Limit	6/18/2001	12/12/2001	6/18/2002	11/26/2002	6/18/2003	2/2/2004	6/23/2004	1/13/2005
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	--	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	--	ND	ND
Barium, Total	mg/L	2	0.112	0.23	0.24	0.24	0.202	--	0.21	0.16
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	--	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	--	ND	ND
Calcium, Total	mg/L	--	--	--	--	--	--	--	--	--
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	--	ND	ND
Cobalt, Total	mg/L	--	0.049	0.083	0.08	0.089	0.07	--	0.056	0.061
Copper, Total	mg/L	1.3	0.038	0.033	0.012	ND	0.012	--	ND	0.02
Iron, Total	mg/L	0.3	10.46	42.29	54.6	17.57	26.42	ND	14.99	9.7
Lead, Total	mg/L	0.15	0.002	0.002	ND	ND	0.002	--	ND	0.003
Magnesium, Total	mg/L	--	--	--	--	--	--	--	--	--
Manganese, Total	mg/L	0.05	3.39	4.744	7.61	4.85	6.18	--	5.1	ND
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	--	ND	ND
Nickel, Total	mg/L	0.1	0.027	0.035	0.025	0.023	0.034	--	0.024	0.028
Potassium, Total	mg/L	--	--	--	--	--	--	--	--	--
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	--	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	--	ND	ND
Sodium, Total	mg/L	--	--	--	--	--	--	--	--	--
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	--	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	--	ND	ND
Zinc, Total	mg/L	5	0.044	0.049	0.016	0.04	0.069	--	0.031	0.104
Alkalinity, Total	mg/L	--	16.25	85	95	35	80	--	60	29.9
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	--	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	18	ND	13	ND	ND	--	ND	ND
Chloride	mg/L	250	7.5	6.17	5.72	7.3	6.84	--	8.09	10.14
Hardness	mg/L	--	17.39	27.4	20.92	11.551	26.46	--	24.48	20.64
Nitrate-N	mg/L	10	1.13	0.1	ND	0.3	ND	--	0.14	0.12
pH	SU	8.5	--	--	--	--	--	--	--	--
Specific Conductance	umhos/cm	--	ND	ND	ND	ND	ND	--	ND	105
Sulfate	mg/L	250	ND	ND	ND	1.16	ND	--	1.11	ND
Total Dissolved Solids	mg/L	500	--	122	160	61	107	--	109	90
Turbidity	NTU	5	7.97	43.6	3.19	2.16	11.33	--	5.76	5.68

Location ID: MW-2										
Number of Sampling Dates: 46										
Parameter Name	Units	Compliance Limit	6/30/2005	2/7/2006	6/21/2006	1/18/2007	6/26/2007	2/6/2008	8/12/2008	1/28/2009
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.18	0.168	0.19	0.16	0.18	0.14	0.16	0.12
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-2

Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	6/30/2005	2/7/2006	6/21/2006	1/18/2007	6/26/2007	2/6/2008	8/12/2008	1/28/2009
Calcium, Total	mg/L	--	--	--	4.8	4.4	0.82	2.48	1.71	0.28
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	--	0.062	0.056	0.065	0.06	0.063	0.074	0.069	0.082
Copper, Total	mg/L	1.3	0.015	ND	ND	0.011	ND	ND	0.039	ND
Iron, Total	mg/L	0.3	39.38	18.38	68	19.23	37.61	67	46.41	58.9
Lead, Total	mg/L	0.15	ND	0.002	0.002	ND	ND	ND	ND	0.002
Magnesium, Total	mg/L	--	--	--	6.05	6.7	6.5	2.9	3.65	5.809
Manganese, Total	mg/L	0.05	10.46	3.68	5.396	3.732	6.45	7.84	9.04	7.89
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	0.028	0.029	0.028	0.027	0.029	0.04	0.036	0.035
Potassium, Total	mg/L	--	--	--	2.96	4.4	3.48	3	2.89	2.53
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	--	--	--	12.6	12.7	1.8	3.2	3.1	3
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.099	0.049	0.064	0.04	0.091	0.011	0.014	0.036
Alkalinity, Total	mg/L	--	91.2	48.8	76.4	60.2	47.3	117.8	137.4	113.4
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	1.08	ND
Chemical Oxygen Demand (COD)	mg/L	--	ND	15	14	ND	12	22	ND	17
Chloride	mg/L	250	7.58	8.67	10.57	7.91	6.99	8.83	9.4	10.65
Hardness	mg/L	--	23.11	16.78	36.9	38	28.82	18.5	19.3	24.62
Nitrate-N	mg/L	10	0.19	0.12	0.18	0.09	ND	ND	ND	0.06
pH	SU	8.5	--	--	--	--	--	--	--	--
Specific Conductance	umhos/cm	--	245	163	193	131	198	310	228	281
Sulfate	mg/L	250	ND	ND	ND	ND	ND	ND	ND	ND
Total Dissolved Solids	mg/L	500	218	96	108	384	74	146	172	308
Turbidity	NTU	5	20.1	18.9	18.5	17	3.5	8.88	24.8	6.8

Location ID: MW-2

Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	5/21/2009	3/25/2010	7/22/2010	11/10/2010	6/23/2011	12/19/2011	6/12/2012	11/21/2012
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.14	0.16	0.16	0.14	0.12	0.16	0.168	0.14
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	--	0.84	0.08	0.41	3.58	0.62	3.4	2.41	5.21
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	--	0.061	0.116	0.108	0.069	0.121	0.066	0.072	0.069
Copper, Total	mg/L	1.3	0.035	ND	0.04	0.081	0.021	ND	ND	ND
Iron, Total	mg/L	0.3	63.9	113.3	135.6	150.2	20.31	37.93	31.48	53.3
Lead, Total	mg/L	0.15	ND	ND	ND	0.002	ND	0.002	ND	ND
Magnesium, Total	mg/L	--	7.4	7.35	4.35	4.1	4.4	4.959	4.926	4.947
Manganese, Total	mg/L	0.05	7.68	12.18	8.46	12.91	7.908	7.479	6.347	8.485
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	--	ND

Location ID: MW-2

Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	5/21/2009	3/25/2010	7/22/2010	11/10/2010	6/23/2011	12/19/2011	6/12/2012	11/21/2012
Nickel, Total	mg/L	0.1	0.022	0.028	0.065	0.026	0.04	0.027	0.037	0.026
Potassium, Total	mg/L	--	2.36	18	3.31	6.05	4.38	4.61	3.54	3.27
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	--	5	3.8	8.9	10	5.8	ND	1.5	1.8
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.014	ND	0.03	ND	0.036	ND	0.034	0.015
Alkalinity, Total	mg/L	--	97.2	95.3	104.5	127.6	53.9	100.69	63.5	106.2
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	15	18	18	18	10	10	ND	ND
Chloride	mg/L	250	7.03	7.45	8.82	12	8.54	6.8	6.48	6.57
Hardness	mg/L	--	32.59	32.27	32.59	25.82	19.67	28.92	26.3	33.39
Nitrate-N	mg/L	10	0.44	ND	ND	ND	ND	ND	ND	ND
pH	SU	8.5	--	--	5.7	5.78	5.4	5.42	5.37	5.05
Specific Conductance	umhos/cm	--	247	293	307	349	187	227	241	283
Sulfate	mg/L	250	ND	3.37	1.55	37	3.35	ND	1.02	2.14
Total Dissolved Solids	mg/L	500	69	384	154	204	120	78	80	130
Turbidity	NTU	5	23	14.2	7.9	8.25	2.4	31	7.74	16.5

Location ID: MW-2

Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/29/2014	12/2/2014	4/21/2015	11/17/2015	7/5/2016	11/2/2016
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	0.002 R
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND R
Barium, Total	mg/L	2	0.159	0.14	0.04	0.14	0.13	0.08	0.18	0.1 R
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND R
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND R
Calcium, Total	mg/L	--	2.788	6.52	ND	3.86	1.12	5.43	ND	3.54 R
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Cobalt, Total	mg/L	--	0.043	0.08	ND	0.05	0.05	0.05	0.07	0.06 R
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	ND	ND	ND R
Iron, Total	mg/L	0.3	23.21	48.08	0.483	49.14	17.5	42.85	16.69	30.58 R
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND R
Magnesium, Total	mg/L	--	4.133	5.987	0.093	5.537	4.875	9.314	10.89	8.086 R
Manganese, Total	mg/L	0.05	4.84	9.45	0.23	9.17	5.17	6.82	7.5	5.36 R
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND R
Nickel, Total	mg/L	0.1	0.019	0.038	ND	0.02	0.025	0.018	0.035	0.02 R
Potassium, Total	mg/L	--	4.231	4.36	ND	6.48	2.81	5.33	14.3	8.24 R
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND R
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Sodium, Total	mg/L	--	1.149	3.28	ND	2.24	1.27	1.47	0.93	0.51 R
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND R
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND R
Zinc, Total	mg/L	5	0.024	0.02	ND	ND	0.04	ND	0.05	ND R
Alkalinity, Total	mg/L	--	51.87	89.27	48.19	125.4	50.9	93.7	56.85	80.55

Location ID: MW-2

Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/29/2014	12/2/2014	4/21/2015	11/17/2015	7/5/2016	11/2/2016
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	8	ND	ND	ND	ND	ND	ND	11
Chloride	mg/L	250	--	6.53	6.11	6.14	--	5.6	6.45	5.95
Hardness	mg/L	--	24	40.9	ND	32.4	22.9	51.9	29.23	42.15
Nitrate-N	mg/L	10	0.7	0.18	0.31	ND	--	ND	0.09	ND
pH	SU	8.5	5.12	5.3	4.92	5.13	4.64	5.18	5.22	5.77
Specific Conductance	umhos/cm	--	220	302	180	262	175	300	130.3	140.4
Sulfate	mg/L	250	--	2.27	5.81	3.43	--	2.38	6.92	3.49
Total Dissolved Solids	mg/L	500	108	109	92	149	51	123	79	81
Turbidity	NTU	5	1.51	5.1	1.8	9.12	1.8	4.74	1.6	2.14

Location ID: MW-2

Number of Sampling Dates: 46

Parameter Name	Units	Compliance Limit	5/9/2017	10/25/2017	5/22/2018	7/9/2018	10/30/2018	7/9/2019	12/12/2019	5/28/2020
Antimony, Total	mg/L	0.006	ND U	ND	ND	--	ND	ND U	ND U	ND U
Arsenic, Total	mg/L	0.01	ND U	ND	ND	--	ND	ND U	ND U	ND U
Barium, Total	mg/L	2	0.1	0.08	0.12	--	0.06	0.042	0.061	0.073
Beryllium, Total	mg/L	0.004	ND U	ND	ND	--	ND	ND U	ND U	ND U
Cadmium, Total	mg/L	0.005	0.0028	ND	ND	--	ND	ND U	ND U	ND U
Calcium, Total	mg/L	--	0.72	ND	2.16	--	4.5	4.2	2.8	3.3
Chromium, Total	mg/L	0.1	0.00099 J	ND	ND	--	ND	0.0029	0.0021 J	0.0011 J
Cobalt, Total	mg/L	--	0.024	0.02	0.01	--	ND	ND U	ND U	ND U
Copper, Total	mg/L	1.3	0.019	0.02	0.01	--	ND	0.021	0.034	0.015
Iron, Total	mg/L	0.3	0.027 J	0.009	0.113	--	0.011	ND U	0.021 J	ND U
Lead, Total	mg/L	0.15	0.0011 J	ND	ND	--	ND	ND U	0.0018 J	ND U
Magnesium, Total	mg/L	--	1.9	3.953	1.463	--	1.046	1.6	1.6	1.6
Manganese, Total	mg/L	0.05	3.7	1.38	7.94	--	5.64	0.82	0.51	0.29
Mercury, Total	mg/L	0.002	ND U	ND	0.01199 R	ND	ND	ND U	ND U	ND U
Nickel, Total	mg/L	0.1	0.032	0.033	0.034	--	0.023	0.0045 J	0.0038 J	0.0065
Potassium, Total	mg/L	--	4.6	3.18	20.06	--	4.94	6.3	5.3	5.4
Selenium, Total	mg/L	0.05	ND U	ND	ND	--	ND	ND U	ND U	ND U
Silver, Total	mg/L	0.1	ND U	ND	ND	--	ND	ND U	ND U	ND U
Sodium, Total	mg/L	--	0.81	0.9	73.11	--	0.65	0.94	0.94	0.59
Thallium, Total	mg/L	0.002	0.0013	ND	0.002	--	ND	ND U	ND U	ND U
Vanadium, Total	mg/L	--	ND U	ND	ND	--	ND	ND U	ND U	ND U
Zinc, Total	mg/L	5	0.12	0.11	0.07	--	0.02	0.0094	0.012	0.016
Alkalinity, Total	mg/L	--	14.48	11.59	38.08	--	32.82	14	15	8
Ammonia-N	mg/L	--	ND	ND	2.57	--	ND	0.117	0.071 J	0.049
Chemical Oxygen Demand (COD)	mg/L	--	ND	ND	12	--	9	ND U	13 J	15
Chloride	mg/L	250	4.2	5.18	3.09	--	2.23	2.2	2.8	2.4
Hardness	mg/L	--	23.33	14.65	28	--	15.6	17.2	22	14.7
Nitrate-N	mg/L	10	0.85	0.85	1.2	--	0.65	1.6	1.7	2.6
pH	SU	8.5	5.56	5.06	6.03	--	5.33	5.51	5.26	5.26
Specific Conductance	umhos/cm	--	49.8	32.8	85.8	--	63.8	51.5	52.3	47.3
Sulfate	mg/L	250	6.06	1.58	6.62	--	2.53	3	2.4	2.6
Total Dissolved Solids	mg/L	500	22	23	32	--	58	29	ND U	30

Location ID: MW-2											
Number of Sampling Dates: 46											
Parameter Name	Units	Compliance Limit	5/9/2017	10/25/2017	5/22/2018	7/9/2018	10/30/2018	7/9/2019	12/12/2019	5/28/2020	
Turbidity	NTU	5	0.28	0.17	3.8	--	0.54	0.55	0.37	0.67	

Location ID: MW-2											
Number of Sampling Dates: 46											
Parameter Name	Units	Compliance Limit	11/16/2020	5/18/2021	11/1/2021	5/25/2022	10/19/2022	4/21/2023			
Antimony, Total	mg/L	0.006	ND U	ND U	ND U	ND	ND	ND			
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND	ND	ND			
Barium, Total	mg/L	2	0.056	0.058	0.062	0.095	0.066	0.09			
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	0.00039 J	ND	0.00039 J			
Cadmium, Total	mg/L	0.005	ND U	ND U	ND U	ND	ND	ND			
Calcium, Total	mg/L	--	2.3	2.4	1.5 B	3.6	1.7	1.1			
Chromium, Total	mg/L	0.1	ND U	ND U	ND U	ND	0.0012 J	ND			
Cobalt, Total	mg/L	--	0.0025 J	ND U	ND U	ND	ND	ND			
Copper, Total	mg/L	1.3	0.041	0.0055 J	0.017	0.014	0.033	0.02			
Iron, Total	mg/L	0.3	0.043 J	0.078	ND U	ND	ND	ND			
Lead, Total	mg/L	0.15	ND U	ND U	ND U	ND	ND	ND			
Magnesium, Total	mg/L	--	1.5	1.7	1.8	1.5	1.4	2			
Manganese, Total	mg/L	0.05	0.79	0.088	0.023	0.24	0.087	0.12			
Mercury, Total	mg/L	0.002	ND U	ND U	ND U	ND	ND	ND			
Nickel, Total	mg/L	0.1	0.009	0.0046 J	0.0028 JB	0.016	0.0074	0.014			
Potassium, Total	mg/L	--	4.7	4.5	4.5	3.8	3.6	3.9			
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND	ND	ND			
Silver, Total	mg/L	0.1	ND U	ND U	ND U	ND	ND	ND			
Sodium, Total	mg/L	--	0.6	0.83	0.59 B	1.1	0.82	1			
Thallium, Total	mg/L	0.002	ND U	0.00047 J	ND U	ND	ND	ND			
Vanadium, Total	mg/L	--	ND U	ND U	ND U	ND	ND	ND			
Zinc, Total	mg/L	5	0.027	0.018	0.013 B	0.038	0.028	0.034			
Alkalinity, Total	mg/L	--	12	15	10	9	7	ND			
Ammonia-N	mg/L	--	0.079 J	0.195	0.045 JB	ND	0.079 J	0.129			
Chemical Oxygen Demand (COD)	mg/L	--	6 J	5 J	ND U	5 J	ND	10 J			
Chloride	mg/L	250	3	2.5	3	1.9 J	3.5	2.3			
Hardness	mg/L	--	104	11.7	10	15.1	10.1	11			
Nitrate-N	mg/L	10	0.92	3.2	ND U	3.5	2	3.2			
pH	SU	8.5	5.3	4.99	5.15	5.3	4.8	5.18			
Specific Conductance	umhos/cm	--	37.2	39.5	27.5	48.6	61	43.22			
Sulfate	mg/L	250	2.7	2.1	2.3	2.2	1.8 J	1.7 J			
Total Dissolved Solids	mg/L	500	56	41	54	61	32	44			
Turbidity	NTU	5	1.11	0.11	0.73	0.55	0.12	3.2			

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-3										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/12/2001	12/12/2001	6/18/2002	11/7/2002	6/12/2003	2/2/2004	6/23/2004	1/13/2005
Acetone	ug/L	-	-	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	1	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	3	5	ND	5	ND	1	7	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	4	6	ND	6	1	2	12	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	2	ND	ND	3	ND	5	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-3

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/12/2001	12/12/2001	6/18/2002	11/7/2002	6/12/2003	2/2/2004	6/23/2004	1/13/2005
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	1	ND	1	ND	ND	4	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-3

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/30/2005	2/7/2006	6/21/2006	1/10/2007	6/26/2007	1/10/2008	8/12/2008	1/6/2009
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	9	2	2	2	2	2	2
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	2	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	1	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	2	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-3

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/30/2005	2/7/2006	6/21/2006	1/10/2007	6/26/2007	1/10/2008	8/12/2008	1/6/2009
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-3

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/28/2009	3/9/2010	7/20/2010	11/4/2010	6/23/2011	12/15/2011	6/14/2012	11/21/2012
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-3

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/28/2009	3/9/2010	7/20/2010	11/4/2010	6/23/2011	12/15/2011	6/14/2012	11/21/2012
1,4-Dichlorobenzene	ug/L	75	ND	ND	3	ND	ND	ND	ND	2
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-3

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/22/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	7/1/2016	10/21/2016
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-3

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/22/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	7/1/2016	10/21/2016
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	1.5	ND	1.8	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-

Location ID: MW-3

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/22/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	7/1/2016	10/21/2016
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-3

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/8/2017	10/20/2017	5/24/2018	11/9/2018	7/10/2019	12/12/2019	5/28/2020	11/16/2020
Acetone	ug/L	-	ND	ND	ND	ND	4 JB	5.9 JB	ND U	ND U
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	0.7 J	0.35 J	ND U	0.69 J
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	0.65 J	ND U	ND U	0.41 J
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND U	ND U	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-3										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/8/2017	10/20/2017	5/24/2018	11/9/2018	7/10/2019	12/12/2019	5/28/2020	11/16/2020
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
o-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-3										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/18/2021	10/28/2021	5/25/2022	10/24/2022	4/21/2023			
Acetone	ug/L	-	ND U	ND U	ND	ND	ND			
Acrylonitrile	ug/L	-	ND U	ND U	ND	ND	ND			
Benzene	ug/L	5	ND U	ND U	ND	ND	ND			
Bromochloromethane	ug/L	-	ND U	ND U	ND	ND	ND			
Bromomethane	ug/L	-	ND U	ND U	ND	ND	0.4 J			
2-Butanone	ug/L	-	ND U	ND U	ND	ND	ND			
Carbon disulfide	ug/L	-	ND U	ND U	ND	ND	ND			
Carbon tetrachloride	ug/L	5	ND U	ND U	ND	ND	ND			
Chlorobenzene	ug/L	100	ND U	ND U	ND	ND	ND			
Chloroethane	ug/L	-	ND U	ND U	ND	ND	ND			
Chloromethane	ug/L	-	ND U	ND U	ND	0.56 J	ND			
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND	ND	ND			
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND	ND	ND			
Dibromomethane	ug/L	-	ND U	ND U	ND	ND	ND			
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND	ND	ND			
1,4-Dichlorobenzene	ug/L	75	ND U	0.31 J	ND	0.35 J	ND			
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND	ND	ND			
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND	ND	ND			
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND	ND	ND			
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND	ND	ND			
Cis-1,2-Dichloroethene	ug/L	70	ND U	ND U	ND	ND	ND			

Location ID: MW-3

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/18/2021	10/28/2021	5/25/2022	10/24/2022	4/21/2023
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND U	ND	1.5	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-3		Number of Sampling Dates: 45								
Parameter Name	Units	Compliance Limit	6/12/2001	12/12/2001	6/18/2002	11/7/2002	6/12/2003	2/2/2004	6/23/2004	1/13/2005
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	0.002	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.04	0.044	0.05	0.046	0.04	0.049	0.049	0.036
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	0.077	0.049	0.056	0.063	0.069	0.076	0.071	0.095
Copper, Total	mg/L	1.3	0.018	0.021	0.028	0.014	ND	ND	ND	0.016
Iron, Total	mg/L	0.3	12.76	13.99	8.79	8.35	1.1	ND	5.805	5.2
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	0.003	ND
Magnesium, Total	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	0.05	17.51	22.99	22.08	17.93	8.88	17.33	10.28	ND
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	0.015	0.018	0.015	0.018	0.015	0.012	0.011	ND
Potassium, Total	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.015	0.028	0.016	0.047	ND	ND	0.032	0.062
Alkalinity, Total	mg/L	-	225	190	240	275	90	160	125	129.55
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	17	10	ND	ND	ND	7	ND
Chloride	mg/L	250	49	92.2	68.91	73.79	7.52	26.16	15.8	18.35
Hardness	mg/L	-	213.7	355.9	407.44	319.92	76.01	127.78	109	123.93
Nitrate-N	mg/L	10	ND	ND	ND	ND	0.47	0.1	ND	ND
pH	SU	8.5	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	ND	ND	-	ND	ND	440	ND	323
Sulfate	mg/L	250	3.7	4.21	4.74	4.24	4.28	4.35	4.64	ND
Total Dissolved Solids	mg/L	500	36	452	495	408	179	232	194	228
Turbidity	NTU	5	9.54	7.8	6.17	5.21	3.66	7.75	30	3.86

Location ID: MW-3		Number of Sampling Dates: 45								
Parameter Name	Units	Compliance Limit	6/30/2005	2/7/2006	6/21/2006	1/10/2007	6/26/2007	1/10/2008	8/12/2008	1/6/2009
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.086	0.06	0.054	0.049	0.078	0.079	0.05	0.056
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	2.48	ND	ND

Location ID: MW-3
 Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/30/2005	2/7/2006	6/21/2006	1/10/2007	6/26/2007	1/10/2008	8/12/2008	1/6/2009
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	–	–	–	42.95	19.95	84.15	45.65	34.85	23.85
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	–	0.061	0.064	0.062	0.078	0.089	0.08	0.051	0.036
Copper, Total	mg/L	1.3	0.012	ND	ND	ND	ND	0.033	0.069	0.038
Iron, Total	mg/L	0.3	16.68	5.41	20.01	11.44	6.612	14.45	0.786	0.191
Lead, Total	mg/L	0.15	ND	ND	ND	ND	0.003	ND	ND	ND
Magnesium, Total	mg/L	–	–	–	20.8	12.1	25.7	22.35	16	12.925
Manganese, Total	mg/L	0.05	25.08	7.39	25.5	11.75	16.17	16.38	13.19	6.63
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	0.014	0.013	ND	0.014	0.014	0.017	0.02	0.016
Potassium, Total	mg/L	–	–	–	1.77	1.39	1.79	1.45	1.68	1.37
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	–	–	–	22.3	9.8	11.6	13	8.7	5.6
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.033	0.079	0.012	0.051	ND	0.038	0.017
Alkalinity, Total	mg/L	–	180.05	90.8	172.6	95.6	143	183.8	141.2	60.1
Ammonia-N	mg/L	–	ND	ND	1.6	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	–	11	17	19	ND	ND	13	13	12
Chloride	mg/L	250	61.11	6.01	71.35	6.51	44.55	86.76	63.84	19.67
Hardness	mg/L	–	220.92	60.1	192.9	99.64	315.96	206.02	152.91	112.76
Nitrate-N	mg/L	10	ND	ND	ND	ND	ND	ND	0.28	1.07
pH	SU	8.5	–	–	–	–	–	–	–	–
Specific Conductance	umhos/cm	–	589	235	565	176	463	687	456	284
Sulfate	mg/L	250	4.57	4.77	7	7.32	5.39	ND	7.42	2.79
Total Dissolved Solids	mg/L	500	306	118	558	174	218	382	258	150
Turbidity	NTU	5	6.53	1.2	3.37	2.48	3.7	2.6	2.72	1.5

Location ID: MW-3
 Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/28/2009	3/9/2010	7/20/2010	11/4/2010	6/23/2011	12/15/2011	6/14/2012	11/21/2012
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.064	0.087	0.1	0.096	0.088	0.024	0.026	0.027
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	–	11.66	11.72	20	39.5	15.02	8.58	32.59	19.29
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	–	0.021	0.052	0.072	0.083	0.053	0.026	0.035	0.053
Copper, Total	mg/L	1.3	0.012	0.016	0.013	0.011	0.027	ND	ND	ND
Iron, Total	mg/L	0.3	0.101	2.008	0.108	1.416	0.105	0.046	0.134	0.088
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	–	12.1	8.7	13.8	16.3	12	4.48	10.08	7.597

Location ID: MW-3
 Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/28/2009	3/9/2010	7/20/2010	11/4/2010	6/23/2011	12/15/2011	6/14/2012	11/21/2012
Manganese, Total	mg/L	0.05	2.703	11.13	13.3	14.23	3.632	3.081	6.148	5.524
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	-	ND
Nickel, Total	mg/L	0.1	ND	0.011	0.021	0.014	0.021	ND	0.015	0.017
Potassium, Total	mg/L	-	1.28	1.25	1.29	1.67	1.19	0.92	1.53	1.31
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	7.4	4.5	20.8	21.8	10.4	ND	6.3	4.3
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.021	0.011	0.021	ND	0.017	0.012	0.013	0.016
Alkalinity, Total	mg/L	-	47.4	44.19	124.2	146.4	71.8	30.05	97.95	64.08
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	ND	12	24	10	10	12	ND
Chloride	mg/L	250	9.67	4.9	44.39	58	19.48	2.9	19.54	14.86
Hardness	mg/L	-	78.94	65.09	106.77	165.75	86.92	39.88	122.89	79.45
Nitrate-N	mg/L	10	0.94	0.15	0.24	0.09	0.71	0.16	0.71	0.44
pH	SU	8.5	-	-	5.7	5.88	5.8	5.11	5.5	4.92
Specific Conductance	umhos/cm	-	176	180	408	434	265	122	308	216
Sulfate	mg/L	250	4.92	4.15	6.1	12	9.28	ND	5.14	5.24
Total Dissolved Solids	mg/L	500	114	178	194	230	168	74	166	114
Turbidity	NTU	5	1.3	1.33	3.6	2.9	2.9	ND	4.17	3.64

Location ID: MW-3
 Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/22/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	7/1/2016	10/21/2016
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	0.004 R
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND R
Barium, Total	mg/L	2	0.019	0.02	0.04	0.02	0.02	0.01	0.02	0.03 R
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND R
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND R
Calcium, Total	mg/L	-	8.653	35.02	79.87	37.2	12.5	19.35	13.88	26.91 R
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Cobalt, Total	mg/L	-	0.01	0.06	0.03	0.03	0.01	0.06	0.11	0.07 R
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	ND	ND	ND R
Iron, Total	mg/L	0.3	0.1	0.054	0.076	0.03	0.048	0.016	0.023	ND R
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	0.002	ND R
Magnesium, Total	mg/L	-	5	11.68	9.843	13.13	5.961	13.82	18.41	19.93 R
Manganese, Total	mg/L	0.05	1.599	7.11	3.56	6.68	1.54	2.96	2.13	4 R
Mercury, Total	mg/L	0.002	ND	ND	ND	-	ND	ND	ND	ND R
Nickel, Total	mg/L	0.1	ND	0.017	0.011	0.014	ND	ND	ND	0.012 R
Potassium, Total	mg/L	-	0.98	1.5	1.49	1.63	0.96	1.79	2.37	2.76 R
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND R
Silver, Total	mg/L	0.1	ND	ND	0.51	ND	ND	ND	ND	ND R
Sodium, Total	mg/L	-	2.599	8.38	4.42	7.97	3.06	3.78	5.63	5.27 R
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND R

Location ID: MW-3
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/22/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	7/1/2016	10/21/2016
Vanadium, Total	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND R
Zinc, Total	mg/L	5	ND	0.01	0.02	0.03	0.01	ND	0.02	ND R
Alkalinity, Total	mg/L	–	–	104.44	ND	101.67	25.2	78.26	69.43	85.66
Ammonia-N	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	–	9	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	250	–	26.62	3.72	48.15	7.1	21.23	16.99	22.52
Hardness	mg/L	–	42.2	135.5	240	147	55.8	105.2	110.47	149.27
Nitrate-N	mg/L	10	0.93	0.57	–	0.27	1.76	0.71	0.63	0.96
pH	SU	8.5	4.94	5.37	4.66	5.19	4.87	5.14	5.55	5.67
Specific Conductance	umhos/cm	–	118	340	140	337	179	274	174.2	193.5
Sulfate	mg/L	250	–	7.13	5.73	6.96	8.29	7.06	10.05	7.63
Total Dissolved Solids	mg/L	500	82	153	152	182	57	126	111	137
Turbidity	NTU	5	2.61	1.05	1.4	0.88	0.87	0.91	1.1	ND

Location ID: MW-3
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/8/2017	10/20/2017	5/24/2018	11/9/2018	7/10/2019	12/12/2019	5/28/2020	11/16/2020
Antimony, Total	mg/L	0.006	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Arsenic, Total	mg/L	0.01	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Barium, Total	mg/L	2	0.022	0.02	0.02	0.02	0.031	0.024	0.016	0.031
Beryllium, Total	mg/L	0.004	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Cadmium, Total	mg/L	0.005	ND U	ND	ND	ND	0.0025	0.0016	ND U	0.0018
Calcium, Total	mg/L	–	8.5	20.72	29.6	13.08	21.7	20.3	6.7	37.2
Chromium, Total	mg/L	0.1	0.00099 J	ND	ND	ND	0.0015 J	0.0016 J	ND U	ND U
Cobalt, Total	mg/L	–	0.0099	0.1	0.02	ND	0.093	0.073	0.036	0.13
Copper, Total	mg/L	1.3	0.0084	ND	ND	ND	0.01	0.0066	0.014	0.0048 J
Iron, Total	mg/L	0.3	ND U	0.068	0.019	ND	ND U	ND U	0.024 J	ND U
Lead, Total	mg/L	0.15	0.00084 J	0.007	0.002	ND	0.0015 J	0.00091 J	0.002 J	ND U
Magnesium, Total	mg/L	–	4.5	17.35	4.991	5.164	11.6	8.5	4.2	14.3
Manganese, Total	mg/L	0.05	0.55	3.07	0.31	0.39	0.88	1.5	0.024	2.9
Mercury, Total	mg/L	0.002	ND U	ND	ND	ND	0.00018 J	0.00019 J	ND U	ND U
Nickel, Total	mg/L	0.1	0.0061	0.019	ND	ND	0.017	0.014	ND U	0.021
Potassium, Total	mg/L	–	1.1	2.33	1.24	1.08	1.4	1.2	0.98	1.4
Selenium, Total	mg/L	0.05	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Silver, Total	mg/L	0.1	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Sodium, Total	mg/L	–	2.3	6.06	5.18	3.07	8	6.4	2.3	11.2
Thallium, Total	mg/L	0.002	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Vanadium, Total	mg/L	–	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Zinc, Total	mg/L	5	0.012	0.01	0.03	0.01	0.018	0.017	0.0075	0.013
Alkalinity, Total	mg/L	–	24.51	89.07	26.19	24.15	59	63	22	96
Ammonia-N	mg/L	–	ND	ND	ND	ND	0.143	ND U	0.03	0.096 J
Chemical Oxygen Demand (COD)	mg/L	–	ND	ND	10	ND	ND U	ND U	9	7 J
Chloride	mg/L	250	3.45	13.58	3.12	6.75	41.9	25.8	4	34.5
Hardness	mg/L	–	67.53	123.18	94.46	53.9	102	100	34	140
Nitrate-N	mg/L	10	3.3	1.91	3.67	5.61	1.8	1.9	2.2	1.7

Location ID: MW-3		Number of Sampling Dates: 45								
Parameter Name	Units	Compliance Limit	5/8/2017	10/20/2017	5/24/2018	11/9/2018	7/10/2019	12/12/2019	5/28/2020	11/16/2020
pH	SU	8.5	4.98	5.83	5.25	5.33	5.67	5.45	5.29	5.78
Specific Conductance	umhos/cm	–	77.7	179.5	79.2	63.8	263	177.4	70	254
Sulfate	mg/L	250	5.87	7.54	8.2	9.23	20.7	7	7.5	9.6
Total Dissolved Solids	mg/L	500	61	119	63	95	189	100	35	230
Turbidity	NTU	5	0.13	0.23	0.1	0.54	0.51	0.15	0.61	0.8

Location ID: MW-3		Number of Sampling Dates: 45						
Parameter Name	Units	Compliance Limit	5/18/2021	10/28/2021	5/25/2022	10/24/2022	4/21/2023	
Antimony, Total	mg/L	0.006	ND U	ND U	ND	0.00084 J	ND	
Arsenic, Total	mg/L	0.01	ND U	ND U	ND	ND	ND	
Barium, Total	mg/L	2	0.017	0.022	0.014	0.022	0.018	
Beryllium, Total	mg/L	0.004	ND U	ND U	ND	ND	ND	
Cadmium, Total	mg/L	0.005	0.0011 J	0.001 J	0.00053 J	0.0039	0.00056 J	
Calcium, Total	mg/L	–	8.4	18.4	6.6	23.2	13.3	
Chromium, Total	mg/L	0.1	ND U	ND U	ND	ND	0.0011 J	
Cobalt, Total	mg/L	–	0.076	0.091	0.041	0.095	0.018	
Copper, Total	mg/L	1.3	0.0089	0.0079	0.0094	0.0066	0.0072	
Iron, Total	mg/L	0.3	0.75	ND U	ND	0.089	0.021 J	
Lead, Total	mg/L	0.15	ND U	0.00087 J	ND	0.00085 J	ND	
Magnesium, Total	mg/L	–	6.3	7.9	4.1	9.8	6.4	
Manganese, Total	mg/L	0.05	0.024	0.72	0.02	1.1	0.11	
Mercury, Total	mg/L	0.002	ND U	0.00023 J	0.00035 J	ND	ND	
Nickel, Total	mg/L	0.1	0.0026 J	0.0067	ND	0.012	0.0033 J	
Potassium, Total	mg/L	–	1.4	1.2	0.98	1.3	1.1	
Selenium, Total	mg/L	0.05	ND U	ND U	ND	ND	ND	
Silver, Total	mg/L	0.1	ND U	ND U	ND	ND	ND	
Sodium, Total	mg/L	–	3.5	6.5	2.3	8.4	4.9	
Thallium, Total	mg/L	0.002	ND U	0.00046 J	ND	ND	ND	
Vanadium, Total	mg/L	–	ND U	ND U	ND	ND	ND	
Zinc, Total	mg/L	5	0.013	0.011 B	0.0054 J	0.017	0.0078	
Alkalinity, Total	mg/L	–	35	51	21	66	34	
Ammonia-N	mg/L	–	0.18	ND U	0.247	0.208	0.113	
Chemical Oxygen Demand (COD)	mg/L	–	ND U	6 JB	5 J	ND	13 J	
Chloride	mg/L	250	8	26.2	2.5	23.3	14.9	
Hardness	mg/L	–	39.6	76.8	32.1	98.3	59.7	
Nitrate-N	mg/L	10	2.7	2.6	2.1	1.8	2.3	
pH	SU	8.5	5.36	5.39	5.35	5.99	5.57	
Specific Conductance	umhos/cm	–	82.5	119.8	66.8	334	156.25	
Sulfate	mg/L	250	7.9	8.5	6.6	7.6	11.2	
Total Dissolved Solids	mg/L	500	74	124	71	134	112	
Turbidity	NTU	5	0.1	0.62	0.16	0.41	2.91	

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-7										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/12/2001	12/12/2001	6/18/2002	11/7/2002	6/11/2003	2/2/2004	6/16/2004	12/15/2004
Acetone	ug/L	-	ND	ND	ND	ND	ND	4	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	3	ND	2	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	3	ND	4	-	2	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	43	ND	7	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	1	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	1	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	4	ND	ND	ND	ND	ND

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/12/2001	12/12/2001	6/18/2002	11/7/2002	6/11/2003	2/2/2004	6/16/2004	12/15/2004
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	5	ND	3	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/22/2005	1/25/2006	6/13/2006	1/10/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/22/2005	1/25/2006	6/13/2006	1/10/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	2	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	2	2.78	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/9/2017	10/25/2017	5/22/2018	10/26/2018	7/9/2019	12/10/2019	5/28/2020	11/16/2020
Acetone	ug/L	-	ND	ND	ND	ND	5.4 JB	ND U	ND U	4.5 J
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND U	ND U	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/9/2017	10/25/2017	5/22/2018	10/26/2018	7/9/2019	12/10/2019	5/28/2020	11/16/2020
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
o-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorofom	ug/L	80	ND	ND	ND	ND	0.22 J	ND U	ND U	ND U

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/18/2021	10/28/2021	5/24/2022	10/19/2022	4/19/2023			
Acetone	ug/L	-	ND U	ND U	ND	ND	ND			
Acrylonitrile	ug/L	-	ND U	ND U	ND	ND	ND			
Benzene	ug/L	5	ND U	ND U	ND	ND	ND			
Bromochloromethane	ug/L	-	ND U	ND U	ND	ND	ND			
Bromomethane	ug/L	-	ND U	ND U	ND	ND	ND			
2-Butanone	ug/L	-	ND U	ND U	ND	ND	ND			
Carbon disulfide	ug/L	-	ND U	ND U	ND	ND	ND			
Carbon tetrachloride	ug/L	5	ND U	ND U	ND	ND	ND			
Chlorobenzene	ug/L	100	ND U	ND U	ND	ND	ND			
Chloroethane	ug/L	-	ND U	ND U	ND	ND	ND			
Chloromethane	ug/L	-	ND U	ND U	ND	ND	ND			
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND	ND	ND			
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND	ND	ND			
Dibromomethane	ug/L	-	ND U	ND U	ND	ND	ND			
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND	ND	ND			
1,4-Dichlorobenzene	ug/L	75	ND U	ND U	ND	ND	ND			
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND	ND	ND			
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND	ND	ND			
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND	ND	ND			
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND	ND	ND			
Cis-1,2-Dichloroethene	ug/L	70	ND U	ND U	ND	ND	ND			

Location ID: MW-7

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/18/2021	10/28/2021	5/24/2022	10/19/2022	4/19/2023
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-7										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/12/2001	12/12/2001	6/18/2002	11/7/2002	6/11/2003	2/2/2004	6/16/2004	12/15/2004
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	ND	0.01	0.02	0.017	0.022	0.026	0.025	0.17
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	0.012	0.024	0.021	ND	ND	ND	0.019	ND
Iron, Total	mg/L	0.3	0.124	0.256	0.22	0.057	0.222	ND	1.051	0.136
Lead, Total	mg/L	0.15	ND	0.002	ND	ND	ND	ND	0.005	ND
Magnesium, Total	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	0.05	0.023	ND	0.013	0.054	ND	0.158	0.018	ND
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	ND	ND	0.014	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.021	0.025	ND	0.015	ND	ND	0.037	0.114
Alkalinity, Total	mg/L	-	30	40	35	23	55	25	20	15.05
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	16	13	ND	13	ND	ND	ND
Chloride	mg/L	250	2.8	2.55	2.57	2.09	2.82	2.56	1.77	1.53
Hardness	mg/L	-	30.16	28.9	40.99	23.12	27.12	34.5	32.66	37.95
Nitrate-N	mg/L	10	0.21	0.14	0.12	0.08	0.06	0.11	ND	ND
pH	SU	8.5	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	ND	ND	-	ND	ND	90	ND	65
Sulfate	mg/L	250	8	6.22	6.41	9.72	10.86	10.49	12.24	11.75
Total Dissolved Solids	mg/L	500	7	70	73	62	1312	29	34	ND
Turbidity	NTU	5	1.21	43.2	3.51	1.04	6.71	10.33	5.08	4.89

Location ID: MW-7										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/22/2005	1/25/2006	6/13/2006	1/10/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.075	0.056	0.06	0.058	0.064	0.06	0.052	0.04
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-7
 Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/22/2005	1/25/2006	6/13/2006	1/10/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	10.1	8.45	16.25	2.48	7.68	7.72
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	0.081	0.034	0.022
Iron, Total	mg/L	0.3	2.516	0.338	0.13	0.066	0.337	0.352	0.238	ND
Lead, Total	mg/L	0.15	ND	0.002	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	-	-	-	5.6	8.5	6.9	7.95	3.05	5.385
Manganese, Total	mg/L	0.05	0.1	0.032	ND	ND	0.034	0.025	ND	ND
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	ND	0.035	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	-	-	0.99	0.82	1.05	6.32	0.94	1.05
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	10.5	4.8	4	13.2	3.7	3
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.09	0.043	0.023	0.014	0.054	ND	0.018	0.014
Alkalinity, Total	mg/L	-	30.75	22.6	31.8	18	32.6	37.35	35.3	28.7
Ammonia-N	mg/L	-	ND	ND	127.07	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	ND	ND	ND	ND	12	ND	ND
Chloride	mg/L	250	1.84	2.63	1.73	3.09	1.84	2.14	ND	3.09
Hardness	mg/L	-	55.54	21.53	48.28	56.1	68.99	85.9	31.74	41.43
Nitrate-N	mg/L	10	0.16	0.07	0.15	ND	0.15	0.24	ND	0.33
pH	SU	8.5	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	101	101	110	79	100	98	114	101
Sulfate	mg/L	250	10.95	14.4	9.85	20.1	10.13	9.1	1.14	17.57
Total Dissolved Solids	mg/L	500	ND	272	80	212	94	126	808	86
Turbidity	NTU	5	3.47	4.4	0.38	3.4	2.6	1.26	0.45	ND

Location ID: MW-7
 Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.08	0.061	0.07	0.07	0.075	0.019	0.018	0.022
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	8.39	1.05	8.16	11.13	8.27	10.99	12.12	13.36
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	ND	ND	ND	ND	0.01	ND	ND	ND
Iron, Total	mg/L	0.3	0.227	0.137	0.348	0.03	0.099	0.104	0.191	0.145
Lead, Total	mg/L	0.15	0.003	ND	ND	0.007	ND	ND	ND	ND
Magnesium, Total	mg/L	-	7.3	6.9	2.948	3.95	6.45	5.996	6.164	5.424

Location ID: MW-7
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012
Manganese, Total	mg/L	0.05	0.041	0.019	0.055	0.04	ND	0.017	0.02	ND
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	-	ND
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	1.03	0.93	0.73	1.06	0.85	1.05	1.39	1.22
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	5.3	2.8	11.9	9.3	5.4	ND	2.7	2.3
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.034	ND	ND	0.016	ND	ND	ND
Alkalinity, Total	mg/L	-	36.9	-	32.4	40.3	21.1	31.25	32.08	41.01
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	10	ND	ND	ND	ND	ND	ND
Chloride	mg/L	250	3	2.3	1.85	1.86	2.8	2.2	1.68	2.78
Hardness	mg/L	-	50.99	31.03	32.52	44.06	47.14	52.13	55.65	55.7
Nitrate-N	mg/L	10	0.1	ND	0.18	0.25	0.36	0.23	0.33	0.31
pH	SU	8.5	-	-	5.4	5.24	5.5	5.59	5.33	5.16
Specific Conductance	umhos/cm	-	125	99.4	116	120	121	105	127	121
Sulfate	mg/L	250	15.27	19.09	11.85	9.43	12.98	ND	8.93	9.51
Total Dissolved Solids	mg/L	500	334	86	102	92	116	46	88	48
Turbidity	NTU	5	ND	0.15	0.9	0.7	0.55	0.46	1.33	0.63

Location ID: MW-7
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND R
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND R
Barium, Total	mg/L	2	0.014	0.01	0.03	0.01	0.01	ND	0.01	0.01 R
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND R
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND R
Calcium, Total	mg/L	-	7.45	10.33	95.44	9.49	12.73	13.62	10.75	17.91 R
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND R
Copper, Total	mg/L	1.3	ND	ND	ND	0.12	ND	ND	ND	ND R
Iron, Total	mg/L	0.3	0.044	0.048	0.048	0.109	0.034	0.017	0.046	0.005 R
Lead, Total	mg/L	0.15	ND	ND	ND	0.193	ND	ND	ND	ND R
Magnesium, Total	mg/L	-	5.41	5.045	12.16	5.896	7.273	7.091	13.12	10.92 R
Manganese, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND R
Mercury, Total	mg/L	0.002	ND	ND	ND	-	ND	ND	ND	ND R
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Potassium, Total	mg/L	-	0.682	1.08	1.2	1.18	0.91	1.53	1.9	2.18 R
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND R
Silver, Total	mg/L	0.1	ND	ND	0.42	ND	ND	ND	ND	ND R
Sodium, Total	mg/L	-	1.459	2.68	2.57	2.58	2.13	1.46	1.49	1.97 R
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND R

Location ID: MW-7
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016
Vanadium, Total	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND R
Zinc, Total	mg/L	5	ND	ND	0.02	0.02	ND	ND	ND	ND R
Alkalinity, Total	mg/L	–	–	35.94	33.53	35.6	35.87	31.7	45.66	45.36
Ammonia-N	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	250	2.33	2.82	2.57	2.73	2.46	2.38	2.03	2.61
Hardness	mg/L	–	40.9	46.6	288.39	48	61.7	63.2	80.87	89.69
Nitrate-N	mg/L	10	0.44	0.65	0.43	0.84	0.53	0.48	0.46	0.77
pH	SU	8.5	5.29	5.35	5.13	5.38	5.29	5.1	6.22	5.85
Specific Conductance	umhos/cm	–	103	172	132	117	146	111	88.5	91.3
Sulfate	mg/L	250	10.3	15.07	9.78	9.03	10.03	9.83	6.92	7.94
Total Dissolved Solids	mg/L	500	100	58	61	58	41	31	72	64
Turbidity	NTU	5	0.29	0.24	0.22	1.06	0.17	1.21	1.46	0.23

Location ID: MW-7
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/9/2017	10/25/2017	5/22/2018	10/26/2018	7/9/2019	12/10/2019	5/28/2020	11/16/2020
Antimony, Total	mg/L	0.006	0.03 R	ND	ND	ND	ND U	ND U	ND U	ND U
Arsenic, Total	mg/L	0.01	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Barium, Total	mg/L	2	0.01 R	ND	0.02	0.02	0.011	0.013	0.013	0.013
Beryllium, Total	mg/L	0.004	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Cadmium, Total	mg/L	0.005	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Calcium, Total	mg/L	–	12.55 R	10.93	17.89	9.44	7.7	11.7	10.1	12
Chromium, Total	mg/L	0.1	ND R	ND	ND	ND	0.004	ND U	ND U	ND U
Cobalt, Total	mg/L	–	0.01 R	ND	ND	ND	0.0022 J	ND U	ND U	ND U
Copper, Total	mg/L	1.3	ND R	ND	ND	ND	ND U	ND U	ND U	0.0023 J
Iron, Total	mg/L	0.3	0.022 R	0.012	0.017	0.697	0.3	0.18	0.12	0.19
Lead, Total	mg/L	0.15	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Magnesium, Total	mg/L	–	12.36 R	11.19	5.962	7.215	6.2	6.2	9.3	6.7
Manganese, Total	mg/L	0.05	ND R	ND	ND	0.05	0.046	0.0065	0.0048 J	0.0043 J
Mercury, Total	mg/L	0.002	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Nickel, Total	mg/L	0.1	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Potassium, Total	mg/L	–	1.17 R	2.1	1.14	0.62	0.59	1.3	0.44	1.1
Selenium, Total	mg/L	0.05	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Silver, Total	mg/L	0.1	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Sodium, Total	mg/L	–	1.49 R	2.48	3.65	0.9	0.94	1.4	0.92	2.4
Thallium, Total	mg/L	0.002	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Vanadium, Total	mg/L	–	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Zinc, Total	mg/L	5	ND R	ND	ND	0.01	0.0045 J	0.0031 J	0.003 J	0.0043 J
Alkalinity, Total	mg/L	–	41.39	55.29	39.44	42.46	51	56	60	55
Ammonia-N	mg/L	–	ND	ND	ND	ND	0.076 J	0.065 J	0.044	0.125
Chemical Oxygen Demand (COD)	mg/L	–	ND	ND	ND	ND	ND U	ND U	12	7 J
Chloride	mg/L	250	2	2.8	2.69	2.26	1.7 J	1.6 J	2	3
Hardness	mg/L	–	82.24	73.37	69.22	53.3	44.8	54.8	63.6	57.4
Nitrate-N	mg/L	10	0.2	0.93	0.13	0.06	0.1 J	0.44	0.88	0.78

Location ID: MW-7										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/9/2017	10/25/2017	5/22/2018	10/26/2018	7/9/2019	12/10/2019	5/28/2020	11/16/2020
pH	SU	8.5	5.83	6.08	5.84	6.06	6.04	6.08	5.97	5.99
Specific Conductance	umhos/cm	–	76.9	94.7	66.4	89	66	103.4	97.4	99.8
Sulfate	mg/L	250	7.45	7.79	6.59	7.39	5	4.6	4	5.8
Total Dissolved Solids	mg/L	500	33	67	31	79	45	60	70	81
Turbidity	NTU	5	0.09	0.05	0.42	1.73	0.6	0.25	0.67	1.15

Location ID: MW-7											
Number of Sampling Dates: 45											
Parameter Name	Units	Compliance Limit	5/18/2021	10/28/2021	5/24/2022	10/19/2022	4/19/2023				
Antimony, Total	mg/L	0.006	ND U	ND U	ND	ND	ND				
Arsenic, Total	mg/L	0.01	ND U	ND U	ND	ND	ND				
Barium, Total	mg/L	2	0.013	0.011	0.015	0.012	0.012				
Beryllium, Total	mg/L	0.004	ND U	ND U	ND	ND	ND				
Cadmium, Total	mg/L	0.005	ND U	ND U	ND	ND	ND				
Calcium, Total	mg/L	–	11.5	12.4	11.9	12.8	15.2				
Chromium, Total	mg/L	0.1	ND U	ND U	ND	0.0011 J	0.0011 J				
Cobalt, Total	mg/L	–	ND U	ND U	ND	ND	ND				
Copper, Total	mg/L	1.3	0.0023 J	ND U	ND	ND	ND				
Iron, Total	mg/L	0.3	0.25	ND U	ND	0.02 J	0.032 J				
Lead, Total	mg/L	0.15	ND U	ND U	ND	ND	ND				
Magnesium, Total	mg/L	–	9	6.3	11	6.5	9.1				
Manganese, Total	mg/L	0.05	ND U	ND U	0.0026 J	0.0036 J	0.012				
Mercury, Total	mg/L	0.002	ND U	ND U	ND	ND	ND				
Nickel, Total	mg/L	0.1	ND U	ND U	ND	ND	ND				
Potassium, Total	mg/L	–	0.82	1.1	0.69	1.2	0.96				
Selenium, Total	mg/L	0.05	ND U	ND U	ND	ND	ND				
Silver, Total	mg/L	0.1	ND U	ND U	ND	ND	ND				
Sodium, Total	mg/L	–	1.1	1.7 B	1.1	2.4	1.4				
Thallium, Total	mg/L	0.002	ND U	ND U	ND	ND	ND				
Vanadium, Total	mg/L	–	ND U	ND U	ND	ND	ND				
Zinc, Total	mg/L	5	0.0042 J	0.002 JB	0.0027 J	0.01	ND				
Alkalinity, Total	mg/L	–	96	55	70	54	65				
Ammonia-N	mg/L	–	0.357	0.12 B	0.43	0.125	0.458				
Chemical Oxygen Demand (COD)	mg/L	–	6 J	5 JB	8 J	ND	50				
Chloride	mg/L	250	1.8 J	5.2	1.5 J	1.8 J	ND				
Hardness	mg/L	–	63.6	56.4	72.3	58.7	75.5				
Nitrate-N	mg/L	10	1.3	1.2	1.6	1.2	1.4				
pH	SU	8.5	6.17	6.21	5.81	5.77	5.76				
Specific Conductance	umhos/cm	–	97.3	65.7	112	177	158.38				
Sulfate	mg/L	250	4	4.7	3.9	4.2	3.4				
Total Dissolved Solids	mg/L	500	83	88	89	74	88				
Turbidity	NTU	5	0.07	0.79	0.13	0.15	0				

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-9										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/12/2001	12/11/2001	6/18/2002	11/7/2002	6/11/2003	2/2/2004	6/16/2004	1/13/2005
Acetone	ug/L	-	-	ND	ND	ND	ND	3	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	1	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	5	ND	ND	ND	1	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	1	2	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-9

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/12/2001	12/11/2001	6/18/2002	11/7/2002	6/11/2003	2/2/2004	6/16/2004	1/13/2005
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	-	-	-	-	-	-	-	-
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-9

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/22/2005	1/6/2006	6/13/2006	1/18/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	2	2	ND	2	ND	2
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-9

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/22/2005	1/6/2006	6/13/2006	1/18/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	-	-	-	-	-	-	-	-
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-9

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	2	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-9

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	4	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	-	-	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-9

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-9

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-

Location ID: MW-9										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-9										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/8/2017	10/25/2017	5/21/2018	10/26/2018	7/8/2019	12/10/2019	5/21/2020	11/12/2020
Acetone	ug/L	-	ND	ND	ND	ND	5.2 JB	ND U	ND U	ND U
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	0.42 J
2-Butanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	0.27 J	ND U	ND U	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	0.33 J	ND U	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND U	ND U	ND U	0.33 J
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND U	ND U	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-9

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/8/2017	10/25/2017	5/21/2018	10/26/2018	7/8/2019	12/10/2019	5/21/2020	11/12/2020
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
o-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-9

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/17/2021	10/28/2021	5/25/2022	10/24/2022	4/19/2023			
Acetone	ug/L	-	ND U	ND U	ND	ND	ND			
Acrylonitrile	ug/L	-	ND U	ND U	ND	ND	ND			
Benzene	ug/L	5	ND U	ND U	ND	ND	ND			
Bromochloromethane	ug/L	-	ND U	ND U	ND	ND	ND			
Bromomethane	ug/L	-	ND U	ND U	ND	ND	0.4 J			
2-Butanone	ug/L	-	ND U	ND U	ND	ND	ND			
Carbon disulfide	ug/L	-	ND U	ND U	ND	ND	ND			
Carbon tetrachloride	ug/L	5	ND U	ND U	ND	ND	ND			
Chlorobenzene	ug/L	100	ND U	ND U	ND	ND	ND			
Chloroethane	ug/L	-	ND U	ND U	ND	ND	ND			
Chloromethane	ug/L	-	ND U	ND U	ND	ND	ND			
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND	ND	ND			
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND	ND	ND			
Dibromomethane	ug/L	-	ND U	ND U	ND	ND	ND			
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND	ND	ND			
1,4-Dichlorobenzene	ug/L	75	ND U	ND U	ND	ND	ND			
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND	ND	ND			
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND	ND	ND			
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND	ND	ND			
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND	ND	ND			
Cis-1,2-Dichloroethene	ug/L	70	ND U	ND U	ND	ND	ND			

Location ID: MW-9

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/17/2021	10/28/2021	5/25/2022	10/24/2022	4/19/2023
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-9										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/12/2001	12/11/2001	6/18/2002	11/7/2002	6/11/2003	2/2/2004	6/16/2004	1/13/2005
Antimony, Total	mg/L	0.006	ND	0.002	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.147	0.155	0.162	0.14	0.16	0.162	0.15	0.12
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	ND	0.034	0.015	0.011	0.012	0.029	ND	ND
Copper, Total	mg/L	1.3	ND	0.043	0.072	0.01	0.01	0.021	0.011	0.027
Iron, Total	mg/L	0.3	17.48	27.64	20.46	10.08	17.4	ND	4.365	1.792
Lead, Total	mg/L	0.15	ND	0.107	0.005	ND	0.007	0.009	0.005	ND
Magnesium, Total	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	0.05	1.908	5.006	1.996	2.389	3.148	7.82	4	ND
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	0.013	0.025	0.012	0.014	0.017	0.015	0.013	0.011
Potassium, Total	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.014	0.096	ND	0.032	0.032	ND	0.036	0.069
Alkalinity, Total	mg/L	-	210	285	285	280	125	225	155	139.15
Ammonia-N	mg/L	-	6.26	12.06	15.37	12.37	11.85	12.16	7.08	2.7
Chemical Oxygen Demand (COD)	mg/L	-	26	42	26	ND	16	19	14	13
Chloride	mg/L	250	108	193.86	119.89	120.45	94.79	112.12	77.57	43.72
Hardness	mg/L	-	175.2	216.7	232.56	206.54	147.59	159.45	126.86	107.11
Nitrate-N	mg/L	10	0.24	0.07	0.15	0.09	ND	0.07	0.18	0.29
pH	SU	8.5	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	ND	1000	ND	ND	ND	850	ND	498
Sulfate	mg/L	250	9.5	8.15	11.52	15.75	16.61	37.75	49.49	60.94
Total Dissolved Solids	mg/L	500	29	413	512	412	448	451	55	225
Turbidity	NTU	5	19.8	109.2	25.3	35.8	44.3	138	96.4	4.8

Location ID: MW-9										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/22/2005	1/6/2006	6/13/2006	1/18/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.125	0.094	0.103	0.101	0.092	0.084	0.097	0.102
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-9
 Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/22/2005	1/6/2006	6/13/2006	1/18/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	26.05	32.9	34.6	2.48	14.77	20.64
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	0.034	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	0.011	ND	0.015	ND	ND	0.091	0.07	0.057
Iron, Total	mg/L	0.3	7.65	0.836	13.96	6.21	2.013	12.37	1.989	8.42
Lead, Total	mg/L	0.15	0.003	0.002	ND	ND	ND	ND	ND	0.002
Magnesium, Total	mg/L	-	-	-	20.6	26.3	19.75	16.1	9.95	22.065
Manganese, Total	mg/L	0.05	4.48	1.301	1.676	1.285	1.351	1.312	1.143	1.003
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	0.012	ND	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	-	-	7.4	8.9	6.15	15.15	7.56	6.28
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	86.4	108.3	66.3	84	65	75.7
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.114	0.011	0.039	ND	0.054	ND	0.01	0.016
Alkalinity, Total	mg/L	-	226.05	234.4	290.8	305.4	226.2	340.75	203.4	292.5
Ammonia-N	mg/L	-	17.83	14.64	ND	23.07	15.49	33.06	15.27	23.33
Chemical Oxygen Demand (COD)	mg/L	-	13	11	14	12	ND	23	ND	15
Chloride	mg/L	250	41.26	40.82	31.18	32.82	18.31	27.97	0.68	39.05
Hardness	mg/L	-	153.97	194.8	149.88	190.45	167.73	46.47	77.85	142.38
Nitrate-N	mg/L	10	ND	0.37	0.1	0.08	0.3	0.35	ND	0.65
pH	SU	8.5	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	863	581	922	598	752	810	670	688
Sulfate	mg/L	250	75.33	8.75	66.72	66.33	47.08	61.15	2.29	76.95
Total Dissolved Solids	mg/L	500	322	790	558	324	334	448	892	302
Turbidity	NTU	5	17.4	1.5	16.7	9.7	23	18.7	12	27

Location ID: MW-9
 Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.13	0.11	0.12	0.16	0.12	0.104	0.148	0.125
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	13.54	7.3	17.81	28.32	12.15	21.76	29.38	23.02
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	ND	0.046	0.028	ND	0.016	ND	ND	ND
Iron, Total	mg/L	0.3	1.067	0.713	2.04	16.26	0.67	0.581	1.512	0.936
Lead, Total	mg/L	0.15	0.002	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	-	16.55	8.25	15.45	20.45	11.8	13.55	16.22	13.34

Location ID: MW-9
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012
Manganese, Total	mg/L	0.05	0.63	0.372	0.83	1.291	0.53	0.543	1.49	0.464
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	-	ND
Nickel, Total	mg/L	0.1	ND	0.011	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	7.5	5.46	6.85	17.35	6.08	8.83	17.05	13.66
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	61.1	41.6	70.9	84.4	52.8	0.8	61.3	43.6
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.011	0.01	0.019	0.012	ND	ND	ND
Alkalinity, Total	mg/L	-	222.6	-	200	223.1	70	196.21	221.32	111.31
Ammonia-N	mg/L	-	13.88	ND	21.86	47.06	13.47	15.64	25.45	13.73
Chemical Oxygen Demand (COD)	mg/L	-	ND	10	ND	12	ND	ND	17	ND
Chloride	mg/L	250	28.88	15.04	35.28	71.33	29.5	26	30.36	25.29
Hardness	mg/L	-	102.37	52.2	108.09	154.92	78.93	110.13	140.16	112.42
Nitrate-N	mg/L	10	0.59	0.62	0.55	0.28	1.07	0.65	0.33	1.32
pH	SU	8.5	-	-	6.4	6.55	6.44	6.58	6.53	6.24
Specific Conductance	umhos/cm	-	648	333	714	961	655	694	825	680
Sulfate	mg/L	250	50.52	11.16	48.84	56.61	48.29	28	43.73	39.51
Total Dissolved Solids	mg/L	500	706	204	286	400	238	168	276	242
Turbidity	NTU	5	9.6	3.6	17	21	11	3.34	11.8	4.02

Location ID: MW-9
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	0.002 R
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND R
Barium, Total	mg/L	2	0.087	0.13	0.94	0.13	0.12	0.09	0.09	0.09 R
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND R
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND R
Calcium, Total	mg/L	-	11.24	27.27	107.8	30.59	21.17	19.88	15.63	24.18 R
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	0.01	ND R
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	ND	ND	ND R
Iron, Total	mg/L	0.3	0.404	4.795	0.348	5.874	2.376	6.842	9.007	0.066 R
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	0.003	ND	ND R
Magnesium, Total	mg/L	-	9.316	15.61	10.52	17.35	14.2	23.57	20.9	31.33 R
Manganese, Total	mg/L	0.05	0.306	1.1	0.31	1.01	5.08	1.13	4.27	0.08 R
Mercury, Total	mg/L	0.002	ND	ND	ND	-	ND	ND	ND	ND R
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Potassium, Total	mg/L	-	9.292	19.19	11.53	27.04	21.65	34.6	28.18	64.51 R
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND R
Silver, Total	mg/L	0.1	ND	ND	0.23	ND	ND	ND	ND	ND R
Sodium, Total	mg/L	-	25.03	48.64	20.59	53.25	37.76	31.81	20.33	38.82 R
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND R

Location ID: MW-9
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016
Vanadium, Total	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND R
Zinc, Total	mg/L	5	ND	ND	ND	ND	ND	ND	ND	ND R
Alkalinity, Total	mg/L	–	–	315.13	67.2	243.97	213.12	223.63	180.34	228.89
Ammonia-N	mg/L	–	13.06	42.92	4.62	41.22	19.34	37.58	25.25	48.2
Chemical Oxygen Demand (COD)	mg/L	–	7	11	ND	ND	ND	ND	ND	12
Chloride	mg/L	250	12.87	23.38	6.34	26.59	19.78	29.67	13.17	30.13
Hardness	mg/L	–	66.4	132.4	312.25	147.8	111.3	146.7	125.09	189.39
Nitrate-N	mg/L	10	0.88	0.4	ND	0.45	0.76	0.4	0.15	1.95
pH	SU	8.5	6.22	6.43	5.67	6.47	6.29	6.59	6.74	6.93
Specific Conductance	umhos/cm	–	432	833	345	752	835	815	469	639
Sulfate	mg/L	250	28.73	55.2	27.84	47.46	37.68	49.24	35.27	45.24
Total Dissolved Solids	mg/L	500	254	285	125	284	223	295	198	297
Turbidity	NTU	5	11.37	15.7	7.52	16.2	12.65	19.9	5.9	2.61

Location ID: MW-9
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/8/2017	10/25/2017	5/21/2018	10/26/2018	7/8/2019	12/10/2019	5/21/2020	11/12/2020
Antimony, Total	mg/L	0.006	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Arsenic, Total	mg/L	0.01	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Barium, Total	mg/L	2	0.13	0.12	0.1	0.08	0.13	0.17	0.12	0.16
Beryllium, Total	mg/L	0.004	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Cadmium, Total	mg/L	0.005	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Calcium, Total	mg/L	–	23.7	25.37	22.29	14.19	24.1	33.6	19.6	29.6
Chromium, Total	mg/L	0.1	0.0028	ND	ND	ND	0.0029	ND U	0.0013 J	0.0084
Cobalt, Total	mg/L	–	0.0058	ND	ND	ND	0.0021 J	0.0025 J	0.002 J	0.0023 J
Copper, Total	mg/L	1.3	0.0024 J	ND	ND	ND	ND U	ND U	ND U	ND U
Iron, Total	mg/L	0.3	9.6	9.276	6.663	4.55	10.6	13.8	9	12.8
Lead, Total	mg/L	0.15	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Magnesium, Total	mg/L	–	14.8	33.22	11.51	8.265	18.3	26	14.6	23
Manganese, Total	mg/L	0.05	2	1.14	1.06	1.36	1.4	1.7	1.2	1.4
Mercury, Total	mg/L	0.002	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Nickel, Total	mg/L	0.1	0.0045 J	ND	ND	ND	0.0038 J	0.0035 J	0.0029 J	0.006
Potassium, Total	mg/L	–	20.1	50.95	11.86	10.26	21	29.3	18.2	30.3
Selenium, Total	mg/L	0.05	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Silver, Total	mg/L	0.1	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Sodium, Total	mg/L	–	32.3	31.31	22.38	13.14	25.8	32.9	18.6	28.6
Thallium, Total	mg/L	0.002	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Vanadium, Total	mg/L	–	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Zinc, Total	mg/L	5	0.013	ND	ND	ND	0.0033 J	0.0038 J	0.0032 J	0.003 J
Alkalinity, Total	mg/L	–	97.23	123.29	162.64	124.82	263	306	178	304
Ammonia-N	mg/L	–	29.23	54.27	25.13	14.85	31.5	40.5	22.6	44.3
Chemical Oxygen Demand (COD)	mg/L	–	13	ND	ND	ND	8 J	10 J	29	12 J
Chloride	mg/L	250	37.33	63.6	34.17	20.55	30.1	49.2	26.3	40.1
Hardness	mg/L	–	174.71	200.15	103.06	69.5	136	191	119	168
Nitrate-N	mg/L	10	0.24	0.22	0.35	ND	0.28	0.92	0.24	1.6

Location ID: MW-9										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/8/2017	10/25/2017	5/21/2018	10/26/2018	7/8/2019	12/10/2019	5/21/2020	11/12/2020
pH	SU	8.5	6.81	6.96	6.58	6.43	6.83	6.93	6.68	7
Specific Conductance	umhos/cm	–	492	701	298	235	440	802	408	610
Sulfate	mg/L	250	36.46	42.94	30.42	24.12	39.8	48	40.8	54.2
Total Dissolved Solids	mg/L	500	232	306	205	172	259	324	224	270
Turbidity	NTU	5	0.81	1.64	0.62	0.37	0.43	0.4	0.97	2.16

Location ID: MW-9										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/17/2021	10/28/2021	5/25/2022	10/24/2022	4/19/2023			
Antimony, Total	mg/L	0.006	ND U	ND U	ND	ND	ND			
Arsenic, Total	mg/L	0.01	0.0014 J	ND U	ND	ND	ND			
Barium, Total	mg/L	2	0.15	0.15	0.094	0.17	0.12			
Beryllium, Total	mg/L	0.004	ND U	ND U	ND	ND	ND			
Cadmium, Total	mg/L	0.005	ND U	ND U	ND	ND	ND			
Calcium, Total	mg/L	–	26.5	25.8	15.7	29.7	23.6			
Chromium, Total	mg/L	0.1	0.0019 J	ND U	0.0013 J	0.0051	0.0018 J			
Cobalt, Total	mg/L	–	0.0025 J	0.0023 J	ND	0.0025 J	0.0031 J			
Copper, Total	mg/L	1.3	ND U	ND U	ND	ND	ND			
Iron, Total	mg/L	0.3	19.6	10.5	6.6	10.7	8.4			
Lead, Total	mg/L	0.15	ND U	ND U	ND	ND	ND			
Magnesium, Total	mg/L	–	20.1	20	12.3	22.5	17.2			
Manganese, Total	mg/L	0.05	1.7	1.4	1	1.7	1.9			
Mercury, Total	mg/L	0.002	ND U	ND U	ND	ND	ND			
Nickel, Total	mg/L	0.1	0.0028 J	0.0024 J	0.0025 J	0.0046 J	0.003 J			
Potassium, Total	mg/L	–	25.5	27.9	15.5	30.4	19.9			
Selenium, Total	mg/L	0.05	ND U	ND U	ND	ND	ND			
Silver, Total	mg/L	0.1	ND U	ND U	ND	ND	ND			
Sodium, Total	mg/L	–	27.4	27.5	16.5	33.1	24.3			
Thallium, Total	mg/L	0.002	ND U	ND U	ND	ND	ND			
Vanadium, Total	mg/L	–	ND U	ND U	ND	ND	ND			
Zinc, Total	mg/L	5	0.0023 J	ND U	0.0023 J	ND	0.0019 J			
Alkalinity, Total	mg/L	–	247	264	146	231	166			
Ammonia-N	mg/L	–	33	33.9	16.4	47.7	24			
Chemical Oxygen Demand (COD)	mg/L	–	10 J	13 JB	8 J	5 J	57			
Chloride	mg/L	250	29.6	43	26.2	71.5	48.1			
Hardness	mg/L	–	154	150	89.2	167	130			
Nitrate-N	mg/L	10	0.44	0.88	0.53 J	1.2	0.25 J			
pH	SU	8.5	6.38	6.85	6.21	6.96	6.69			
Specific Conductance	umhos/cm	–	146.9	438	368	874	592.45			
Sulfate	mg/L	250	40	47.2	29	38	31.3			
Total Dissolved Solids	mg/L	500	256	330	220	318	256			
Turbidity	NTU	5	0.26	0.85	0.28	1.28	0			

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-10										
Number of Sampling Dates: 27										
Parameter Name	Units	Compliance Limit	4/8/2010	12/1/2010	7/26/2011	12/6/2011	6/21/2012	11/21/2012	5/22/2013	11/19/2013
Acetone	ug/L	-	-	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	1.9	1.8	1	ND	3	2	4.22
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	1.1	2	2	2	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	7.1	8.07	4	4	5	6	8.08
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	1.3	ND	ND	ND	2	1.9

Location ID: MW-10

Number of Sampling Dates: 27

Parameter Name	Units	Compliance Limit	4/8/2010	12/1/2010	7/26/2011	12/6/2011	6/21/2012	11/21/2012	5/22/2013	11/19/2013
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-10

Number of Sampling Dates: 27

Parameter Name	Units	Compliance Limit	5/29/2014	12/2/2014	5/5/2015	10/27/2015	7/1/2016	10/27/2016	5/8/2017	10/20/2017
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	3.79	2.2	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	8.8	7.3	3.74	4.13	4.4	4.52	5.22	4.92
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-10

Number of Sampling Dates: 27

Parameter Name	Units	Compliance Limit	5/29/2014	12/2/2014	5/5/2015	10/27/2015	7/1/2016	10/27/2016	5/8/2017	10/20/2017
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	1.55	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-10

Number of Sampling Dates: 27

Parameter Name	Units	Compliance Limit	5/24/2018	10/25/2018	7/11/2019	12/13/2019	5/20/2020	11/19/2020	5/19/2021	11/1/2021
Acetone	ug/L	-	ND	ND	4.8 JB	3.8 J	ND U	4 J	ND U	ND U
Acrylonitrile	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Benzene	ug/L	5	ND	ND	ND U	0.43 J	0.37 J	0.31 J	0.3 J	0.25 J
Bromochloromethane	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Bromomethane	ug/L	-	ND	ND	0.56 JB	ND U	ND U	ND U	ND U	ND U
2-Butanone	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Chlorobenzene	ug/L	100	ND	ND	ND U	ND U	ND U	ND U	ND U	0.2 J
Chloroethane	ug/L	-	ND	ND	ND U	0.38 J	ND U	0.7 J	ND U	0.39 J
Chloromethane	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	0.0076 J	0.0067 J	0.0087 J	ND U	ND U	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U

Location ID: MW-10

Number of Sampling Dates: 27

Parameter Name	Units	Compliance Limit	5/24/2018	10/25/2018	7/11/2019	12/13/2019	5/20/2020	11/19/2020	5/19/2021	11/1/2021
1,4-Dichlorobenzene	ug/L	75	ND	ND	3.3	3.6	3.7	3.6	3.8	3.4
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	0.54 J	0.52 J	0.51 J	0.48 J	0.5 J	0.52 J
1,2-Dichloroethane	ug/L	5	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	5.31	4.18	10.2	10.2	9.9	10.5	11.9	11.7
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	0.33 J	0.37 J	0.37 J	0.4 J	0.45 J	0.43 J
Methylene chloride	ug/L	5	ND	ND	ND U	ND U	0.48 J	ND U	ND U	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	0.86 J	0.84 J	0.85 J	0.8 J	0.83 J	0.84 J
1,2-Dichloropropane	ug/L	5	ND	ND	ND U	ND U	ND U	0.45 J	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Ethylbenzene	ug/L	700	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Styrene	ug/L	100	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Toluene	ug/L	1000	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Trichloroethene	ug/L	5	ND	ND	1.2	0.74 J	ND U	ND U	ND U	ND U
Trichlorofluoromethane	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Vinyl chloride	ug/L	2	ND	ND	0.35 J	0.32 J	0.44 J	0.37 J	0.4 J	0.41 J
Total Xylenes	ug/L	10000	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
mp-Xylene	ug/L	10000	-	-	-	-	ND U	ND U	ND U	ND U
o-Xylene	ug/L	10000	-	-	-	-	ND U	ND U	ND U	ND U
Bromodichloromethane	ug/L	80	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Chloroform	ug/L	80	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U

Location ID: MW-10

Number of Sampling Dates: 27

Parameter Name	Units	Compliance Limit	6/1/2022	10/26/2022	4/20/2023				
Acetone	ug/L	-	4.3 J	ND	ND				
Acrylonitrile	ug/L	-	ND	ND	ND				
Benzene	ug/L	5	0.25 J	ND	ND				

Location ID: MW-10

Number of Sampling Dates: 27

Parameter Name	Units	Compliance Limit	6/1/2022	10/26/2022	4/20/2023
Bromochloromethane	ug/L	-	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	0.41 J
2-Butanone	ug/L	-	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND
Chloromethane	ug/L	-	0.41 J	0.4 J	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	3.8	3.6	3.1
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND
1,1-Dichloroethane	ug/L	-	0.51 J	0.44 J	0.42 J
1,2-Dichloroethane	ug/L	5	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	12.8	11.8	11.7
Trans-1,2-Dichloroethene	ug/L	100	0.47 J	0.41 J	0.36 J
Methylene chloride	ug/L	5	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	0.87 J	0.81 J	0.78 J
1,2-Dichloropropane	ug/L	5	0.5 J	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND
Iodomethane	ug/L	-	ND	0.68 J	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND
Vinyl chloride	ug/L	2	0.36 J	0.33 J	0.37 J
Total Xylenes	ug/L	10000	ND	ND	ND
mp-Xylene	ug/L	10000	ND	ND	ND

Location ID: MW-10
 Number of Sampling Dates: 27

Parameter Name	Units	Compliance Limit	6/1/2022	10/26/2022	4/20/2023					
o-Xylene	ug/L	10000	ND	ND	ND					
Bromodichloromethane	ug/L	80	ND	ND	ND					
Chlorodibromomethane	ug/L	80	ND	ND	ND					
Bromofom	ug/L	80	ND	ND	ND					
Chloroform	ug/L	80	ND	ND	ND					

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-10										
Number of Sampling Dates: 27										
Parameter Name	Units	Compliance Limit	4/8/2010	12/1/2010	7/26/2011	12/6/2011	6/21/2012	11/21/2012	5/22/2013	11/19/2013
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	0.002	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.077	0.072	0.065	ND	0.011	0.01	ND	ND
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	48.7	119	88.9	82.56	99.28	62.28	64.1	89.33
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	0.3	30.26	6.83	1.16	1.426	5.77	1.271	5.476	2.917
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	-	20.35	19.7	21.45	17.12	16.81	15.3	15.21	17.02
Manganese, Total	mg/L	0.05	1.287	0.043	0.25	0.332	0.343	0.242	0.284	0.25
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	-	ND	ND	ND
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	0.011	ND
Potassium, Total	mg/L	-	1.88	1.78	1.62	1.54	2.04	1.73	1.61	1.8
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	16.6	24.5	18.8	0.2	12.3	11	10.76	13.81
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.016	ND	ND	ND	ND	ND	ND
Alkalinity, Total	mg/L	-	188.6	180.7	189	189.95	126.75	189.29	-	186.1
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	11	ND	11	29	ND	13	ND
Chloride	mg/L	250	52	47	47	51	48.54	51.01	-	57.43
Hardness	mg/L	-	205.4	378.27	310.31	276.65	317.13	218.52	222.7	293.1
Nitrate-N	mg/L	10	0.17	0.06	0.66	0.12	0.16	0.34	0.35	0.37
pH	SU	8.5	6.08	6	6.38	6.25	6.32	5.79	6.01	5.9
Specific Conductance	umhos/cm	-	568	524	555	683	576	525	515	634
Sulfate	mg/L	250	5.48	12	16	ND	6.88	7.35	-	9
Total Dissolved Solids	mg/L	500	288	290	302	246	314	314	302	321
Turbidity	NTU	5	9.2	1.8	2.5	4.44	14.5	8.13	12.8	4.88

Location ID: MW-10										
Number of Sampling Dates: 27										
Parameter Name	Units	Compliance Limit	5/29/2014	12/2/2014	5/5/2015	10/27/2015	7/1/2016	10/27/2016	5/8/2017	10/20/2017
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND R	0.029 R	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND R	ND R	ND
Barium, Total	mg/L	2	ND	ND	ND	ND	0.02	ND R	0.03 R	0.02
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND R	ND R	ND

Location ID: MW-10		Number of Sampling Dates: 27								
Parameter Name	Units	Compliance Limit	5/29/2014	12/2/2014	5/5/2015	10/27/2015	7/1/2016	10/27/2016	5/8/2017	10/20/2017
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND R	ND R	ND
Calcium, Total	mg/L	–	0.67	27.25	79.59	74.1	104.2	33.46 R	116.8 R	120
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND R	ND R	ND
Cobalt, Total	mg/L	–	ND	ND	ND	ND	ND	ND R	0.02 R	ND
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	ND R	ND R	ND
Iron, Total	mg/L	0.3	0.24	1.262	5.005	2.124	24.89	1.488 R	19.84 R	18.43
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND R	ND R	ND
Magnesium, Total	mg/L	–	0.262	17.48	19.03	29.9	33.4	35.06 R	32.45 R	32.71
Manganese, Total	mg/L	0.05	0.02	0.19	0.36	0.19	0.42	0.06 R	0.29 R	0.24
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND R	ND R	ND
Nickel, Total	mg/L	0.1	ND	ND	0.018	0.012	ND	ND R	ND R	ND
Potassium, Total	mg/L	–	ND	2.09	1.71	2.84	3.58	4.31 R	3.73 R	3.71
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND R	ND R	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND R	ND R	ND
Sodium, Total	mg/L	–	0.24	13.06	14.9	9.74	11.17	11.87 R	14.51 R	12.86
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND R	ND R	ND
Vanadium, Total	mg/L	–	ND	ND	ND	ND	ND	ND R	ND R	ND
Zinc, Total	mg/L	5	ND	ND	ND	ND	0.02	ND R	ND R	ND
Alkalinity, Total	mg/L	–	190.75	97.64	121.68	114.07	220.91	225.53	171.94	182.1
Ammonia-N	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	–	ND	ND	15	ND	ND	ND	16	15
Chloride	mg/L	250	57.03	57.75	61.37	64.1	69.46	75.21	84.9	92.03
Hardness	mg/L	–	2.8	271.6	277.1	308.2	397.73	227.93	425.28	434.34
Nitrate-N	mg/L	10	0.23	0.36	0.21	0.2	ND	ND	ND	ND
pH	SU	8.5	5.99	5.86	5.88	5.93	6.71	7.12	6.82	6.87
Specific Conductance	umhos/cm	–	590	506	646	694	622	631	641	664
Sulfate	mg/L	250	12.03	8.87	9.18	9.05	4.42	5.68	5.45	6
Total Dissolved Solids	mg/L	500	341	325	366	328	435	462	259	397
Turbidity	NTU	5	12.3	7.47	11.8	10.69	2.5	0.25	0.21	0.15

Location ID: MW-10		Number of Sampling Dates: 27								
Parameter Name	Units	Compliance Limit	5/24/2018	10/25/2018	7/11/2019	12/13/2019	5/20/2020	11/19/2020	5/19/2021	11/1/2021
Antimony, Total	mg/L	0.006	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Arsenic, Total	mg/L	0.01	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Barium, Total	mg/L	2	0.03	0.02	0.026	0.028	0.028	0.027	0.027	0.029
Beryllium, Total	mg/L	0.004	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Calcium, Total	mg/L	–	73.89	101.5	110	116	109	122	117	116
Chromium, Total	mg/L	0.1	ND	ND	0.00097 J	0.00082 J	ND U	ND U	ND U	ND U
Cobalt, Total	mg/L	–	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Copper, Total	mg/L	1.3	ND	ND	ND U	0.0038 J	0.002 J	0.0028 J	0.0029 J	0.0022 J
Iron, Total	mg/L	0.3	23.75	22.11	32.9	34.5	37.7	38	45.2	38.1
Lead, Total	mg/L	0.15	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Magnesium, Total	mg/L	–	16.64	14.27	17.8	17.5	18.4	20.3	20.9	20.3

Location ID: MW-10										
Number of Sampling Dates: 27										
Parameter Name	Units	Compliance Limit	5/24/2018	10/25/2018	7/11/2019	12/13/2019	5/20/2020	11/19/2020	5/19/2021	11/1/2021
Manganese, Total	mg/L	0.05	0.3	0.24	0.32	0.35	0.33	0.34	0.37	0.35
Mercury, Total	mg/L	0.002	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Nickel, Total	mg/L	0.1	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Potassium, Total	mg/L	-	1.75	1.68	2	2	2	2.2	2.3	2.2
Selenium, Total	mg/L	0.05	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Silver, Total	mg/L	0.1	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Sodium, Total	mg/L	-	13.91	11.6	14.5	14.8	15.3	15.8	16.9	16.5
Thallium, Total	mg/L	0.002	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Vanadium, Total	mg/L	-	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Zinc, Total	mg/L	5	ND	ND	0.004 J	0.0051 J	0.0022 J	0.0038 J	0.0067	0.0036 JB
Alkalinity, Total	mg/L	-	182.95	195.65	298	302	300	302	396	260
Ammonia-N	mg/L	-	ND	ND	0.066 J	0.06 J	0.057	0.061 J	0.081 J	ND U
Chemical Oxygen Demand (COD)	mg/L	-	18	9	12 J	48	15	10 J	17	12 J
Chloride	mg/L	250	96.2	87.09	76.8	84.7	83.5	99.4	106	102
Hardness	mg/L	-	253.03	312.2	348	363	393	370	375	387
Nitrate-N	mg/L	10	ND	ND	ND U	ND U	0.2	ND U	ND U	ND U
pH	SU	8.5	6.94	7.13	7.45	7.35	6.86	6.99	6.88	6.7
Specific Conductance	umhos/cm	-	673	656	677	1340	695	628	667	575
Sulfate	mg/L	250	6.43	5.18	4.1	4.2	3.6	4.3	3.8	4.3
Total Dissolved Solids	mg/L	500	520	410	460	450	500	456	564	526
Turbidity	NTU	5	0.31	0.53	0.79	0.52	1.29	0.41	0.59	0.78

Location ID: MW-10										
Number of Sampling Dates: 27										
Parameter Name	Units	Compliance Limit	6/1/2022	10/26/2022	4/20/2023					
Antimony, Total	mg/L	0.006	ND	ND	ND					
Arsenic, Total	mg/L	0.01	ND	ND	ND					
Barium, Total	mg/L	2	0.031	0.032	0.031					
Beryllium, Total	mg/L	0.004	ND	ND	ND					
Cadmium, Total	mg/L	0.005	ND	ND	ND					
Calcium, Total	mg/L	-	119	127	124					
Chromium, Total	mg/L	0.1	ND	ND	ND					
Cobalt, Total	mg/L	-	ND	ND	ND					
Copper, Total	mg/L	1.3	ND	0.0041 J	0.0062					
Iron, Total	mg/L	0.3	37.8	39.7	36.7					
Lead, Total	mg/L	0.15	ND	ND	ND					
Magnesium, Total	mg/L	-	21	22.6	21.4					
Manganese, Total	mg/L	0.05	0.4	0.4	0.39					
Mercury, Total	mg/L	0.002	ND	ND	ND					
Nickel, Total	mg/L	0.1	ND	ND	ND					
Potassium, Total	mg/L	-	2.2	2.3	2.2					
Selenium, Total	mg/L	0.05	ND	ND	ND					
Silver, Total	mg/L	0.1	ND	ND	ND					
Sodium, Total	mg/L	-	16.9	18.7	17					
Thallium, Total	mg/L	0.002	ND	ND	ND					

Location ID: MW-10

Number of Sampling Dates: 27

Parameter Name	Units	Compliance Limit	6/1/2022	10/26/2022	4/20/2023
Vanadium, Total	mg/L	–	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.008	0.0032 J
Alkalinity, Total	mg/L	–	297	ND	277
Ammonia-N	mg/L	–	0.064 J	ND	0.224
Chemical Oxygen Demand (COD)	mg/L	–	11 J	8 J	35
Chloride	mg/L	250	109	106	115
Hardness	mg/L	–	411	410	397
Nitrate-N	mg/L	10	ND	ND	ND
pH	SU	8.5	6.9	7.02	6.74
Specific Conductance	umhos/cm	–	762	1032	599.82
Sulfate	mg/L	250	2.8	2.7	4.2
Total Dissolved Solids	mg/L	500	556	566	598
Turbidity	NTU	5	0.61	0.31	2.65

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-14										
Number of Sampling Dates: 31										
Parameter Name	Units	Compliance Limit	6/15/2001	12/20/2001	6/19/2002	12/11/2002	6/25/2003	2/5/2004	6/30/2004	1/13/2005
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	8	7	7	7	9	ND	32	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	2	5	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	18	15	14	16	20	11	46	7
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	2	3	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	1	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	252	176	192	152	170	ND	221	34
Trans-1,2-Dichloroethene	ug/L	100	3	2	2	2	ND	ND	ND	1
Methylene chloride	ug/L	5	ND	1	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	2	2	2	10	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	2	2	2	2	2	1	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	1	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	3	4	2	2	1	ND	10	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	6	2	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	5	5	5	4	4	2	5	2
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-14

Number of Sampling Dates: 31

Parameter Name	Units	Compliance Limit	6/15/2001	12/20/2001	6/19/2002	12/11/2002	6/25/2003	2/5/2004	6/30/2004	1/13/2005
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	9	5	5	5	6	2	17	4
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-14

Number of Sampling Dates: 31

Parameter Name	Units	Compliance Limit	7/12/2005	3/2/2006	7/3/2006	1/24/2007	7/25/2007	2/6/2008	8/19/2008	1/6/2009
Acetone	ug/L	--	ND	ND	6	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	5	7	6	7	7	7	7	6
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	4	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	10	19	19	21	14	22	18	19
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	2	2	2	2	2	2	2
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	2	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	114	116	102	90	90	73	74	66
Trans-1,2-Dichloroethene	ug/L	100	1	2	2	2	2	2	2	2
Methylene chloride	ug/L	5	ND	1	1	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	16	14	13	10	12	8	10
1,2-Dichloropropane	ug/L	5	2	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-14		Number of Sampling Dates: 31								
Parameter Name	Units	Compliance Limit	7/12/2005	3/2/2006	7/3/2006	1/24/2007	7/25/2007	2/6/2008	8/19/2008	1/6/2009
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	2	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	2	2	2	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-14		Number of Sampling Dates: 31								
Parameter Name	Units	Compliance Limit	6/10/2009	3/25/2010	7/27/2010	12/1/2010	7/21/2011	12/15/2011	6/21/2012	11/27/2012
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	9	5	4	3.7	4.3	4	4	4
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	27	17	12	9.8	12	10	7	10
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	2	ND	1	ND	ND	1	1	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	97	62	51	56	46.4	38	36	37
Trans-1,2-Dichloroethene	ug/L	100	2	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	1	1	ND	ND	ND	ND	1	ND
Methyl t-Butyl Ether	ug/L	--	14	7	4	7.3	5.5	4	3	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-14

Number of Sampling Dates: 31

Parameter Name	Units	Compliance Limit	6/10/2009	3/25/2010	7/27/2010	12/1/2010	7/21/2011	12/15/2011	6/21/2012	11/27/2012
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	3	7	ND	3.4	3.8	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	2.1	2.6	4	ND	ND
Bromodichloromethane	ug/L	80	5	ND	5	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	2	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-14

Number of Sampling Dates: 31

Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/22/2014	12/11/2014	5/5/2015	10/22/2015	7/6/2016
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	4	4	5.18	2.8	ND	ND	1.5
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	1.25	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	10	9.11	21.73	8.6	4.92	5.9	5.07
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-14

Number of Sampling Dates: 31

Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/22/2014	12/11/2014	5/5/2015	10/22/2015	7/6/2016
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	33	31.66	33.42	21	9.77	9.4	9.76
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	3	2.54	6.12	ND	2.01	2.04	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	4.74
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	2.32
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	1	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	4.04	2.9	ND	ND	ND	ND
Total Xylenes	ug/L	10000	2	1.98	1.45	ND	ND	ND	ND
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID:		MW-14								
Number of Sampling Dates:		31								
Parameter Name	Units	Compliance Limit	6/15/2001	12/20/2001	6/19/2002	12/11/2002	6/25/2003	2/5/2004	6/30/2004	1/13/2005
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.251	0.121	0.12	0.117	0.089	0.142	0.105	0.041
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	0.022	0.022	0.02	0.02	0.028	0.059	0.061	0.065
Copper, Total	mg/L	1.3	0.055	0.025	0.064	0.016	ND	ND	0.014	0.02
Iron, Total	mg/L	-	0.624	0.224	0.697	0.225	0.577	ND	0.436	0.221
Lead, Total	mg/L	0.15	0.003	ND	0.004	ND	0.002	0.002	0.005	ND
Magnesium, Total	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	1.8	1.66	1.61	1.456	2.288	3.45	3.126	ND
Mercury, Total	mg/L	0.002	0.0037	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	-	0.012	0.015	0.015	0.014	0.011	0.015	0.017	0.014
Potassium, Total	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	-	0.046	0.05	0.083	0.048	0.062	0.061	0.084	0.097
Alkalinity, Total	mg/L	-	25	30	30	25	30	30	30	31.18
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	-	169	133.91	136.46	197.85	113.64	140.73	236.78	381.66
Hardness	mg/L	-	130.26	198	206.71	173.17	123.37	160.87	165.5	215.25
Nitrate-N	mg/L	10	1.59	1.4	1.38	1.36	1.51	0.32	1.47	1.66
pH	SU	-	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	ND	ND	-	ND	ND	690	ND	873
Sulfate	mg/L	-	ND	1.22	1.01	0.86	ND	ND	1.21	ND
Total Dissolved Solids	mg/L	-	37	237	418	479	1354	38	601	508
Turbidity	NTU	-	13.65	4.78	20.4	19.14	1.89	17.3	9.34	1.31

Location ID:		MW-14								
Number of Sampling Dates:		31								
Parameter Name	Units	Compliance Limit	7/12/2005	3/2/2006	7/3/2006	1/24/2007	7/25/2007	2/6/2008	8/19/2008	1/6/2009
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.078	0.072	0.054	0.052	0.06	0.069	0.052	0.059
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-14

Number of Sampling Dates: 31

Parameter Name	Units	Compliance Limit	7/12/2005	3/2/2006	7/3/2006	1/24/2007	7/25/2007	2/6/2008	8/19/2008	1/6/2009
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	54.15	69.65	74.85	2.48	25.85	52.98
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	0.033	0.048	0.045	0.047	0.041	0.038	0.048	0.036
Copper, Total	mg/L	1.3	0.01	ND	0.011	0.017	ND	ND	ND	ND
Iron, Total	mg/L	-	0.082	0.025	0.12	0.072	0.192	7.05	0.205	0.137
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	-	-	-	28.35	33.35	31.5	22.85	20.7	29.99
Manganese, Total	mg/L	-	7.31	3.08	3.076	3.07	4.86	2.72	3.019	3.022
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	-	0.015	0.02	0.012	0.014	0.016	0.018	0.013	0.017
Potassium, Total	mg/L	-	-	-	3.4	3.4	3.11	2.9	3.53	3.08
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	109.8	133.9	108.6	82	117.5	112.3
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	-	0.039	0.052	0.129	0.061	0.064	0.067	0.041	0.07
Alkalinity, Total	mg/L	-	27.05	18.6	22.8	27	26.2	26.8	26.2	31.4
Ammonia-N	mg/L	-	ND	ND	ND	ND	-	ND	ND	ND
Chloride	mg/L	-	231.03	257.57	250.73	237.8	274.12	224.95	215.86	234.67
Hardness	mg/L	-	214.13	211.39	251.96	311.25	316.62	139.42	149.79	255.79
Nitrate-N	mg/L	10	1.88	1.23	1.91	1.01	0.77	1.27	1.08	0.96
pH	SU	-	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	1030	896	1110	705	963	975	966	921
Sulfate	mg/L	-	1.32	1.94	2	1.25	1.32	1.75	5.05	1.5
Total Dissolved Solids	mg/L	-	728	602	104	668	596	496	576	542
Turbidity	NTU	-	1.25	2.9	2.46	0	1	3.82	-	0.6

Location ID: MW-14

Number of Sampling Dates: 31

Parameter Name	Units	Compliance Limit	6/10/2009	3/25/2010	7/27/2010	12/1/2010	7/21/2011	12/15/2011	6/21/2012	11/27/2012
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.065	0.08	0.055	0.06	0.06	0.259	0.376	0.425
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	43.78	43.71	38.07	54.25	40.9	45.727	77.11	44.83
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	0.03	0.072	0.061	0.0556	0.09	0.047	0.046	0.043
Copper, Total	mg/L	1.3	ND	ND	0.021	ND	ND	ND	ND	ND
Iron, Total	mg/L	-	0.542	1.717	0.018	0.199	1.341	1.105	0.372	0.109
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-14

Number of Sampling Dates: 31

Parameter Name	Units	Compliance Limit	6/10/2009	3/25/2010	7/27/2010	12/1/2010	7/21/2011	12/15/2011	6/21/2012	11/27/2012
Magnesium, Total	mg/L	-	28.7	29.5	25.85	29.95	27.4	23.62	29.81	26.74
Manganese, Total	mg/L	-	2.888	4.89	6.26	5.26	4.226	4.706	6.475	4.442
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	-	ND
Nickel, Total	mg/L	-	ND	0.018	0.018	0.018	0.021	0.021	0.019	0.017
Potassium, Total	mg/L	-	3.19	5.1	3.12	3.68	3	2.83	4.58	3.59
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	116.6	109.4	149.9	128	149.9	2.3	191.9	142.2
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	-	0.057	0.049	0.075	0.07	0.075	0.052	0.066	0.058
Alkalinity, Total	mg/L	-	36.51	29.7	25.8	25.9	37.2	36.16	37.3	25.67
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	1	ND	ND
Chloride	mg/L	-	245.27	278.85	316.61	370	-	270	421.36	329.44
Hardness	mg/L	-	227.5	230.62	201.51	258.8	214.96	211.43	315.3	222.06
Nitrate-N	mg/L	10	0.85	0.69	0.95	0.73	1.5	0.88	0.98	1.24
pH	SU	-	-	-	4.6	4.79	4.94	4.98	5.08	4.87
Specific Conductance	umhos/cm	-	1030	911	1060	1125	952	1229	1325	1132
Sulfate	mg/L	-	1.5	2.01	2.47	ND	-	ND	2.78	1.81
Total Dissolved Solids	mg/L	-	610	488	648	642	778	588	726	778
Turbidity	NTU	-	1.2	ND	0.15	0.55	1.2	ND	1.12	ND

Location ID: MW-14

Number of Sampling Dates: 31

Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/22/2014	12/11/2014	5/5/2015	10/22/2015	7/6/2016
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.286	0.36	0.39	0.31	0.34	0.19	0.22
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	43.96	56.78	230.4	50.48	45.14	38.79	25.81
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	0.032	0.04	0.06	0.04	0.04	0.03	0.03
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	-	0.578	0.266	0.38	0.257	0.13	0.049	0.837
Lead, Total	mg/L	0.15	ND	ND	0.003	ND	ND	ND	ND
Magnesium, Total	mg/L	-	22.93	25.43	34.75	24.03	26.53	37.63	38.57
Manganese, Total	mg/L	-	3.226	4.35	7.98	5.67	5.17	3.36	3.92
Mercury, Total	mg/L	0.002	0.0019	0.00188	ND	ND	ND	0.00342	0.00301
Nickel, Total	mg/L	-	0.016	0.017	0.024	0.011	0.015	ND	0.015
Potassium, Total	mg/L	-	3.347	3.7	4.74	3.81	3.71	5.14	6.24
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-14

Number of Sampling Dates: 31

Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/22/2014	12/11/2014	5/5/2015	10/22/2015	7/6/2016
Sodium, Total	mg/L	-	133.8	126.4	136.3	169.2	167.5	112.2	103.9
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	-	0.042	0.05	0.08	0.04	0.05	0.03	0.04
Alkalinity, Total	mg/L	-	37.82	42.69	27.98	34.24	31.1	30.78	50.37
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	-	-	376.53	246.44	64.79	357.85	357.42	258.46
Hardness	mg/L	-	204.2	246.5	718.4	225	222	251.8	223.28
Nitrate-N	mg/L	10	1.9	1.56	0.77	0.24	1.58	1.53	0.32
pH	SU	-	4.78	4.64	4.71	4.56	4.6	4.62	5.09
Specific Conductance	umhos/cm	-	1066	1358	1030	1115	1262	1350	712
Sulfate	mg/L	-	-	3.37	3.6	6.88	3.51	3.03	2.75
Total Dissolved Solids	mg/L	-	736	667	548	720	864	480	514
Turbidity	NTU	-	0.14	1.8	1.16	0.33	1.6	0.15	4.99

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	6/14/2001	12/20/2001	6/14/2002	12/11/2002	6/26/2003	2/4/2004	6/8/2004	12/15/2004
Acetone	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	7	1	1	ND	ND	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	2	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	4	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	2	2	13	2	2	2	2	1
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	2	17	2	ND	1	ND	ND
1,2-Dichloroethane	ug/L	5	7	ND	1	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	20	19	160	19	7	4	7	4
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	3	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	3	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	1	ND	24	2	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	3	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	2	2	7	1	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	3	3	19	3	2	2	2	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	6/14/2001	12/20/2001	6/14/2002	12/11/2002	6/26/2003	2/4/2004	6/8/2004	12/15/2004
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	3	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	7/12/2005	3/2/2006	6/21/2006	1/10/2007	7/11/2007	2/6/2008	8/19/2008	1/6/2009
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	2	2	2	2	2	2	2
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	2	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	2	2	2	ND	2	2	2
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	10	8	7	6	4	3	2	2
Trans-1,2-Dichloroethene	ug/L	100	ND	1	1	1	ND	1	ND	1
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-15		Number of Sampling Dates: 47								
Parameter Name	Units	Compliance Limit	7/12/2005	3/2/2006	6/21/2006	1/10/2007	7/11/2007	2/6/2008	8/19/2008	1/6/2009
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-15		Number of Sampling Dates: 47								
Parameter Name	Units	Compliance Limit	5/21/2009	3/9/2010	7/22/2010	11/4/2010	7/19/2011	11/22/2011	4/17/2012	6/14/2012
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Benzene	ug/L	5	2	ND	ND	ND	ND	ND	--	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	--	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	--	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	--	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	--	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	--	ND
1,4-Dichlorobenzene	ug/L	75	ND	1	ND	ND	ND	2	--	ND
Trans-1,4-dic hloro-2- butene	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
1,1-Dichloroethane	ug/L	--	2	1	1	ND	ND	1	--	ND

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	5/21/2009	3/9/2010	7/22/2010	11/4/2010	7/19/2011	11/22/2011	4/17/2012	6/14/2012
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	--	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	--	ND
Cis-1,2-Dichloroethene	ug/L	70	2	ND	ND	ND	ND	ND	--	ND
Trans-1,2-Dichloroethene	ug/L	100	1	ND	ND	ND	ND	ND	--	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	--	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	--	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	--	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	--	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	--	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	--	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	--	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	--	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	--	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	--	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	--	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	--	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	--	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	--	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	--	ND
Chloroform	ug/L	80	2	ND	ND	ND	ND	ND	--	ND

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	11/27/2012	5/22/2013	11/19/2013	5/22/2014	12/2/2014	4/21/2015	10/22/2015	7/5/2016
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-15

Number of Sampling Dates: 47

Parameter Name	Units	Compliance Limit	11/27/2012	5/22/2013	11/19/2013	5/22/2014	12/2/2014	4/21/2015	10/22/2015	7/5/2016
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	3	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-15

Number of Sampling Dates: 47

Parameter Name	Units	Compliance Limit	10/18/2016	5/9/2017	10/17/2017	5/21/2018	7/9/2018	10/30/2018	7/8/2019	12/10/2019
Acetone	ug/L	--	ND	ND	ND	ND	--	ND	4.1 JB	ND U
Acrylonitrile	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Benzene	ug/L	5	ND	ND	ND	ND	--	ND	ND U	ND U
Bromochloromethane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Bromomethane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
2-Butanone	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Carbon disulfide	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	--	ND	ND U	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	--	ND	ND U	ND U
Chloroethane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Chloromethane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	--	ND	ND U	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	--	ND	ND U	ND U
Dibromomethane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	--	ND	ND U	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	--	ND	0.69 J	0.78 J
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	--	ND	ND U	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	--	ND	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	--	ND	ND U	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	--	ND	ND U	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	--	ND	ND U	ND U
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	--	ND	0.45 J	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	--	ND	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	--	ND	ND U	ND U
2-Hexanone	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Iodomethane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Styrene	ug/L	100	ND	ND	ND	ND	--	ND	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	--	ND	ND U	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	--	ND	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	--	ND	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	--	ND	ND U	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	--	ND	ND U	ND U
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	10/18/2016	5/9/2017	10/17/2017	5/21/2018	7/9/2018	10/30/2018	7/8/2019	12/10/2019
Vinyl acetate	ug/L	--	ND	ND	ND	ND	--	ND	ND U	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	--	ND	ND U	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	--	ND	ND U	ND U
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	--	ND	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	--	ND	ND U	ND U
Bromoform	ug/L	80	ND	ND	ND	ND	--	ND	ND U	ND U
Chloroform	ug/L	80	ND	ND	ND	ND	--	ND	ND U	ND U

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	5/28/2020	11/12/2020	5/17/2021	10/27/2021	5/24/2022	10/18/2022	4/20/2023	
Acetone	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
Acrylonitrile	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
Benzene	ug/L	5	ND U	ND U	ND U	ND U	ND	ND	ND	
Bromochloromethane	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
Bromomethane	ug/L	--	ND U	0.39 J	ND U	ND U	ND	ND	0.48 J	
2-Butanone	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
Carbon disulfide	ug/L	--	ND U	ND U	ND U	0.45 J	0.3 J	ND	ND	
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND	ND	ND	
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND	ND	ND	
Chloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
Chloromethane	ug/L	--	ND U	0.54 J	ND U	ND U	ND	ND	ND	
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND	ND	ND	
Dibromomethane	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND	ND	ND	
1,4-Dichlorobenzene	ug/L	75	0.82 J	0.75 J	0.57 J	0.62 J	0.78 J	0.45 J	0.42 J	
Trans-1,4-dichloro-2-butene	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1-Dichloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND	ND	ND	
Cis-1,2-Dichloroethene	ug/L	70	ND U	0.59 J	ND U	ND U	ND	ND	ND	
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND	ND	ND	
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND U	ND	ND	ND	
Methyl t-Butyl Ether	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND	ND	ND	
Trans-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
Cis-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND U	ND	ND	ND	
2-Hexanone	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	
Iodomethane	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND	

Location ID: MW-15

Number of Sampling Dates: 47

Parameter Name	Units	Compliance Limit	5/28/2020	11/12/2020	5/17/2021	10/27/2021	5/24/2022	10/18/2022	4/20/2023
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	0.56 J	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	--	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	6/14/2001	12/20/2001	6/14/2002	12/11/2002	6/26/2003	2/4/2004	6/8/2004	12/15/2004
Antimony, Total	mg/L	0.006	0.005	0.011	ND	0.009	ND	0.002	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.013	0.051	0.06	0.061	0.075	0.096	0.1	0.092
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	--	--	--	--	--	--	--	--	--
Chromium, Total	mg/L	0.1	ND	0.46	ND	0.053	ND	0.083	ND	ND
Cobalt, Total	mg/L	--	0.013	0.041	ND	0.016	ND	ND	ND	ND
Copper, Total	mg/L	1.3	0.199	1.299	0.06	0.111	0.031	0.139	0.018	0.041
Iron, Total	mg/L	0.3	--	--	--	--	13.4	ND	1.954	1.746
Lead, Total	mg/L	0.15	0.002	0.008	0.002	ND	0.002	0.002	ND	ND
Magnesium, Total	mg/L	--	--	--	--	--	--	--	--	--
Manganese, Total	mg/L	0.05	0.639	0.511	0.46	0.496	0.419	0.385	0.074	ND
Mercury, Total	mg/L	0.002	0.0005	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	0.193	0.57	0.112	0.418	0.158	0.039	0.057	0.178
Potassium, Total	mg/L	--	--	--	--	--	--	--	--	--
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	--	--	--	--	--	--	--	--	--
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.045	0.016	0.016	0.061	0.014	ND	0.122
Alkalinity, Total	mg/L	--	70	50	65	50	75	55	55	58.9
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	ND	15	ND	ND	ND	11	14	ND
Chloride	mg/L	250	18	17.68	20	22.32	24.9	27.93	28.75	30.08
Hardness	mg/L	--	54.35	67.5	64.83	64.28	54.35	84.92	118.56	115.62
Nitrate-N	mg/L	10	0.07	0.13	0.1	0.12	0.13	0.1	0.17	0.14
pH	SU	8.5	--	--	--	--	--	--	--	--
Specific Conductance	umhos/cm	--	ND	ND	ND	ND	ND	240	--	198
Sulfate	mg/L	250	1.9	ND	1.32	1.43	1.23	ND	ND	1.2
Total Dissolved Solids	mg/L	500	13	90	147	151	185	129	182	120
Turbidity	NTU	5	13.08	31.5	4.28	2.05	1.76	9.5	2.97	4.79

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	7/12/2005	3/2/2006	6/21/2006	1/10/2007	7/11/2007	2/6/2008	8/19/2008	1/6/2009
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.077	0.069	0.059	0.066	0.072	0.069	0.061	0.07
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-15

Number of Sampling Dates: 47

Parameter Name	Units	Compliance Limit	7/12/2005	3/2/2006	6/21/2006	1/10/2007	7/11/2007	2/6/2008	8/19/2008	1/6/2009
Calcium, Total	mg/L	--	--	--	20.3	30.75	45.3	2.48	16.97	32.86
Chromium, Total	mg/L	0.1	0.017	0.019	0.018	0.013	0.016	ND	ND	ND
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	0.078	0.124	0.085	0.07	0.084	0.019	0.426	ND
Iron, Total	mg/L	0.3	9.12	1.74	2.355	2.052	3.127	7.65	10.19	1.817
Lead, Total	mg/L	0.15	ND	ND	0.002	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	--	--	--	9.55	13.15	13.95	7.3	8.45	13.02
Manganese, Total	mg/L	0.05	0.403	0.137	0.13	0.146	0.149	0.116	0.335	0.172
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	0.16	0.163	0.15	0.168	0.138	0.088	0.02	0.188
Potassium, Total	mg/L	--	--	--	1.39	1.36	1.46	1.04	1.37	1.42
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	--	--	--	20.9	12.4	9.4	8.6	12.4	10.9
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.014	0.067	0.013	0.016	ND	0.04	0.029
Alkalinity, Total	mg/L	--	76.25	50	53.6	55.1	51.4	52.65	54.2	58.9
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	ND	ND	14	ND	10	11	10	13
Chloride	mg/L	250	57.15	39	48.09	49.72	35.32	56.7	48.8	44.31
Hardness	mg/L	--	129.67	43.2	90.02	130.93	170.56	111.91	77.1	135.67
Nitrate-N	mg/L	10	0.1	0.15	0.17	0.17	0.12	0.15	0.1	0.12
pH	SU	8.5	--	--	--	--	--	--	--	--
Specific Conductance	umhos/cm	--	317	218	257	211	256	294	334	278
Sulfate	mg/L	250	2.11	1.91	2	2.13	1.33	1.77	4.31	1.8
Total Dissolved Solids	mg/L	500	456	138	172	504	316	126	204	190
Turbidity	NTU	5	3.78	4.9	7	2.5	2.2	ND	6.1	4.9

Location ID: MW-15

Number of Sampling Dates: 47

Parameter Name	Units	Compliance Limit	5/21/2009	3/9/2010	7/22/2010	11/4/2010	7/19/2011	11/22/2011	4/17/2012	6/14/2012
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	0.004	0.002	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.065	0.085	0.16	0.091	0.087	ND	0.012	ND
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	0.004	ND	ND
Calcium, Total	mg/L	--	29.48	38.22	22.43	27.11	18.16	28.62	823.4	37.41
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	0.013	ND
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND	0.014	0.052	ND
Copper, Total	mg/L	1.3	0.028	0.026	0.044	0.028	0.027	0.018	0.121	0.019
Iron, Total	mg/L	0.3	0.944	1.065	15.21	14.99	10.27	0.822	8.468	12.45
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	0.004	0.003	ND
Magnesium, Total	mg/L	--	12.5	15	9.4	8.7	11.2	10.72	103.8	10.98
Manganese, Total	mg/L	0.05	0.108	0.219	0.259	0.25	0.228	0.131	0.93	0.232

Location ID: MW-15

Number of Sampling Dates: 47

Parameter Name	Units	Compliance Limit	5/21/2009	3/9/2010	7/22/2010	11/4/2010	7/19/2011	11/22/2011	4/17/2012	6/14/2012
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	--
Nickel, Total	mg/L	0.1	0.022	0.138	0.141	0.189	0.188	0.265	1.3	0.078
Potassium, Total	mg/L	--	1.62	1.52	1.41	1.5	1.39	1.32	16.75	1.79
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	--	14.7	12.2	13.8	17.8	17.1	0.2	98.5	9.7
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	0.003	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.018	0.024	0.015	0.022	0.019	0.116	0.016
Alkalinity, Total	mg/L	--	53.4	49.61	56.5	63.4	57.8	56.8	--	72.52
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	--	ND
Chemical Oxygen Demand (COD)	mg/L	--	13	ND	ND	19	ND	ND	--	10
Chloride	mg/L	250	44.64	53.11	53.13	47	ND	51	--	56.38
Hardness	mg/L	--	125.09	157.2	94.72	103.52	91.47	115.61	--	138.63
Nitrate-N	mg/L	10	0.17	0.14	0.1	0.17	--	0.25	--	0.09
pH	SU	8.5	--	--	5.9	5.28	5.73	5.38	--	5.43
Specific Conductance	umhos/cm	--	301	308	346	283	333	335	--	360
Sulfate	mg/L	250	1.43	1.66	2.81	18	--	ND	--	3.42
Total Dissolved Solids	mg/L	500	198	228	192	202	238	170	--	256
Turbidity	NTU	5	4.9	0.13	1.9	1.3	1	2.52	--	3.55

Location ID: MW-15

Number of Sampling Dates: 47

Parameter Name	Units	Compliance Limit	11/27/2012	5/22/2013	11/19/2013	5/22/2014	12/2/2014	4/21/2015	10/22/2015	7/5/2016
Antimony, Total	mg/L	0.006	ND	ND	ND	0.002	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	0.002	0.002	0.003	ND	0.002	ND	ND
Barium, Total	mg/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	--	25.7	23.89	28.98	172.5	29.34	29.75	24.22	23
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	0.013	ND	ND	0.02	0.01	0.03	0.01	ND
Iron, Total	mg/L	0.3	5.527	10.13	6.882	21.19	5.068	12.96	5.37	28.26
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	--	10.2	8.897	10.14	20.95	9.636	11.52	15.75	22.84
Manganese, Total	mg/L	0.05	0.23	0.19	0.23	0.46	0.18	0.33	0.17	0.28
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	0.00084	ND	0.00139	0.00122
Nickel, Total	mg/L	0.1	0.169	0.077	0.128	0.124	0.108	0.104	0.086	ND
Potassium, Total	mg/L	--	1.54	1.315	1.5	2.28	1.62	1.56	2.23	2.77
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	--	8.9	7.785	10.18	16.53	8.96	11.07	6.37	9.06
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-15
Number of Sampling Dates: 47

Parameter Name	Units	Compliance Limit	11/27/2012	5/22/2013	11/19/2013	5/22/2014	12/2/2014	4/21/2015	10/22/2015	7/5/2016
Zinc, Total	mg/L	5	0.017	0.011	0.02	0.03	0.02	0.02	0.01	ND
Alkalinity, Total	mg/L	--	43.55	--	48.62	42.89	57.49	63.86	52.14	97.59
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	ND	14	ND	ND	ND	ND	ND	13
Chloride	mg/L	250	57.83	--	59.58	57.74	58.21	--	57.97	62.71
Hardness	mg/L	--	106.18	96.3	114.1	517	112.9	121.7	125.3	151.49
Nitrate-N	mg/L	10	0.19	0.13	0.2	0.19	0.16	--	0.11	ND
pH	SU	8.5	5.3	5.23	5.24	5.28	5.07	5.18	5.18	6.2
Specific Conductance	umhos/cm	--	343	326	361	461	312	456	338	314
Sulfate	mg/L	250	3	--	3.89	8.45	4.29	--	4.08	1.91
Total Dissolved Solids	mg/L	500	212	212	175	210	184	70	187	246
Turbidity	NTU	5	1.05	0.67	0.6	0.96	119	1.21	1.44	1.5

Location ID: MW-15
Number of Sampling Dates: 47

Parameter Name	Units	Compliance Limit	10/18/2016	5/9/2017	10/17/2017	5/21/2018	7/9/2018	10/30/2018	7/8/2019	12/10/2019
Antimony, Total	mg/L	0.006	ND R	0.041 R	ND	ND	--	ND	ND U	ND U
Arsenic, Total	mg/L	0.01	ND R	ND R	ND	ND	--	ND	ND U	ND U
Barium, Total	mg/L	2	ND R	ND R	ND	ND	--	ND	0.0031 J	0.0025 J
Beryllium, Total	mg/L	0.004	ND R	ND R	ND	ND	--	ND	ND U	ND U
Cadmium, Total	mg/L	0.005	ND R	ND R	ND	ND	--	ND	ND U	ND U
Calcium, Total	mg/L	--	32.5 R	34.32 R	28.22	29.36	--	26.02	34.6	33.3
Chromium, Total	mg/L	0.1	ND R	ND R	ND	ND	--	ND	0.0018 J	ND U
Cobalt, Total	mg/L	--	ND R	0.02 R	ND	ND	--	ND	ND U	ND U
Copper, Total	mg/L	1.3	ND R	ND R	ND	ND	--	ND	0.002 J	0.0028 J
Iron, Total	mg/L	0.3	7.614 R	29.26 R	25.8	33.25	--	24.54	30.8	33.6
Lead, Total	mg/L	0.15	ND R	ND R	ND	ND	--	ND	ND U	ND U
Magnesium, Total	mg/L	--	21.2 R	22.87 R	20.21	11.22	--	8.668	12.9	12.4
Manganese, Total	mg/L	0.05	0.28 R	0.36 R	0.37	0.45	--	0.31	0.43	0.41
Mercury, Total	mg/L	0.002	ND R	ND R	0.00105	0.00205 R	ND	0.00132	0.00021 J	ND U
Nickel, Total	mg/L	0.1	ND R	ND R	ND	ND	--	ND	0.0022 J	0.0022 J
Potassium, Total	mg/L	--	3.04 R	2.82 R	2.63	1.49	--	1.18	1.6	1.5
Selenium, Total	mg/L	0.05	ND R	ND R	ND	ND	--	ND	ND U	ND U
Silver, Total	mg/L	0.1	ND R	ND R	ND	ND	--	ND	ND U	ND U
Sodium, Total	mg/L	--	8.14 R	10.85 R	9.55	12.45	--	8.09	11.4	11
Thallium, Total	mg/L	0.002	ND R	ND R	ND	ND	--	ND	ND U	ND U
Vanadium, Total	mg/L	--	ND R	ND R	ND	ND	--	ND	ND U	ND U
Zinc, Total	mg/L	5	ND R	ND R	ND	ND	--	ND	0.0035 J	0.003 J
Alkalinity, Total	mg/L	--	59.43	124.97	16.42	136.87	--	105.72	113	67
Ammonia-N	mg/L	--	ND	ND	ND	ND	--	ND	0.158	0.051 J
Chemical Oxygen Demand (COD)	mg/L	--	ND	12	12	15	--	15	9 J	ND U
Chloride	mg/L	250	57.04	61.96	61.21	63.88	--	62.96	65.3	59.4
Hardness	mg/L	--	168.45	179.88	153.69	119.52	--	100.7	139	134
Nitrate-N	mg/L	10	ND	ND	ND	ND	--	ND	ND U	ND U
pH	SU	8.5	6.08	6.2	6.17	6.34	--	6.33	6.31	6.28

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	10/18/2016	5/9/2017	10/17/2017	5/21/2018	7/9/2018	10/30/2018	7/8/2019	12/10/2019
Specific Conductance	umhos/cm	--	302	338	317	337	--	336	333	386
Sulfate	mg/L	250	1.59	2.69	1.7	2.03	--	1.84	2.2	1.7 J
Total Dissolved Solids	mg/L	500	112	228	230	260	--	271	248	230
Turbidity	NTU	5	0.3	0.25	0.14	0.28	--	0.26	0.66	0.32

Location ID: MW-15										
Number of Sampling Dates: 47										
Parameter Name	Units	Compliance Limit	5/28/2020	11/12/2020	5/17/2021	10/27/2021	5/24/2022	10/18/2022	4/20/2023	
Antimony, Total	mg/L	0.006	ND U	ND U	ND U	ND U	ND	ND	ND	
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND	ND	ND	
Barium, Total	mg/L	2	0.0033 J	0.0028 J	0.0031 J	0.0031 J	0.0029 J	0.0037 J	0.0031 J	
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND	ND	ND	
Cadmium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND	ND	ND	
Calcium, Total	mg/L	--	32.7	31.1	31.6	34.5	31.8	35.5	34	
Chromium, Total	mg/L	0.1	ND U	ND U	ND U	ND U	0.00091 J	0.0038	0.0026	
Cobalt, Total	mg/L	--	ND U	ND U	ND U	ND U	ND	0.0025 J	ND	
Copper, Total	mg/L	1.3	ND U	ND U	0.0021 J	ND U	ND	0.014	0.0031 J	
Iron, Total	mg/L	0.3	36.8	33.9	41.7	38.2	37.7	35.1	36.4	
Lead, Total	mg/L	0.15	0.001 J	ND U	ND U	ND U	ND	ND	ND	
Magnesium, Total	mg/L	--	13.2	12.2	12.9	11.9	12.8	13.1	12.4	
Manganese, Total	mg/L	0.05	0.47	0.47	0.58	0.61	0.61	0.66	0.67	
Mercury, Total	mg/L	0.002	ND U	0.00017 J	ND U	ND U	0.00033 J	0.00042 J	ND	
Nickel, Total	mg/L	0.1	0.0022 J	ND U	0.002 J	0.0019 J	ND	0.0039 J	0.0031 J	
Potassium, Total	mg/L	--	1.6	1.6	1.6	1.4	1.6	1.6	1.6	
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND	ND	ND	
Silver, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND	ND	ND	
Sodium, Total	mg/L	--	11.3	11.1	10.9	10.7	11.3	11.4	11.3	
Thallium, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND	ND	ND	
Vanadium, Total	mg/L	--	ND U	ND U	ND U	ND U	ND	ND	0.00077 J	
Zinc, Total	mg/L	5	0.0028 J	ND U	0.0019 J	ND U	ND	0.0033 J	ND	
Alkalinity, Total	mg/L	--	127	126	159	101	80	84	77	
Ammonia-N	mg/L	--	0.1	0.056 J	0.325	0.182 B	0.415	0.147	0.508	
Chemical Oxygen Demand (COD)	mg/L	--	12	16	17	6 J	14 J	5 J	28	
Chloride	mg/L	250	65.5	67	58.9	61.8	59.9	60.6	60.4	
Hardness	mg/L	--	138	131	133	142	133	143	136	
Nitrate-N	mg/L	10	0.2	ND U	ND U	ND U	ND	ND	ND	
pH	SU	8.5	6.06	5.95	6.34	6.36	6.37	5.7	6.08	
Specific Conductance	umhos/cm	--	373	334	168.1	348	372	562	338.74	
Sulfate	mg/L	250	2.5	1.6 J	1.8 J	1.1 J	2.5	2 J	2.1	
Total Dissolved Solids	mg/L	500	178	212	276	222	284	254	280	
Turbidity	NTU	5	0.93	0.76	0.63	0.9	0.78	0.92	2.87	

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-16										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/13/2001	12/20/2001	6/13/2002	11/22/2002	6/18/2003	2/5/2004	6/8/2004	1/11/2005
Acetone	ug/L	-	-	ND	ND	ND	2	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	2	2	2	1	3	ND	6	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	3	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	4	5	3	2	9	13	-	10
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	1	1	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	8	7	11	17	5	3	7	4
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	1	ND	ND	ND	ND
Methylene chloride	ug/L	5	5	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	4	1	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	1	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	2	1	2	4	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	2	2	3	5	1	1	1	ND

Location ID: MW-16

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/13/2001	12/20/2001	6/13/2002	11/22/2002	6/18/2003	2/5/2004	6/8/2004	1/11/2005
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	1	4	6	4	6	5	5	4
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-16

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	7/7/2005	3/2/2006	6/21/2006	1/24/2007	7/25/2007	2/6/2008	7/10/2008	1/6/2009
Acetone	ug/L	-	ND	2	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	5	6	5	4	6	6	ND	2
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	3	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	4	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	15	26	17	16	20	20	18	9
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	1	2	2	2	2	2	2
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	5	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	11	12	9	8	10	9	10	12
Trans-1,2-Dichloroethene	ug/L	100	ND	1	1	1	1	1	1	2
Methylene chloride	ug/L	5	ND	3	1	1	2	1	1	ND
Methyl t-Butyl Ether	ug/L	-	ND	1	1	ND	1	1	1	ND
1,2-Dichloropropane	ug/L	5	2	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-16

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	7/7/2005	3/2/2006	6/21/2006	1/24/2007	7/25/2007	2/6/2008	7/10/2008	1/6/2009
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	1	ND	ND	ND	ND	ND	ND	1
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	2	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	2	ND	ND	ND	ND

Location ID: MW-16

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/21/2009	3/25/2010	7/20/2010	11/10/2010	7/19/2011	11/22/2011	6/14/2012	11/21/2012
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	5	7	6	4.3	4.8	4	2	6
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	2.9	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-16

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/21/2009	3/25/2010	7/20/2010	11/10/2010	7/19/2011	11/22/2011	6/14/2012	11/21/2012
1,4-Dichlorobenzene	ug/L	75	11	23	21	12	14	12	9	14
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	2	2	2	ND	ND	1	1	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	21	15	13	16	15.1	10	9	22
Trans-1,2-Dichloroethene	ug/L	100	2	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	1	3	3	ND	1.1	ND	1	ND
Methyl t-Butyl Ether	ug/L	-	ND	1	1	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	1.2	1.4	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	2	ND	ND	ND	ND	ND	ND	1
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	2	ND	1.4	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	2	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-16

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/22/2013	11/19/2013	5/22/2014	12/2/2014	4/21/2015	10/22/2015	7/5/2016	10/27/2016
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	5	4.74	6.62	4.3	ND	ND	ND	ND

Location ID: MW-16

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/22/2013	11/19/2013	5/22/2014	12/2/2014	4/21/2015	10/22/2015	7/5/2016	10/27/2016
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	1.01	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	13	11.75	33	14	7.6	7.98	5.15	6.44
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	14	19.96	18.49	16	13.22	18.03	7.13	11.39
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	1.5	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	3.15	ND	1.25	1.09	1.23	1.02
1,2-Dichloropropane	ug/L	5	ND	ND	2.11	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	1.11	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	4.74
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	7	1.86	1.44	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	1.93	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	4.99	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-

Location ID: MW-16										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/22/2013	11/19/2013	5/22/2014	12/2/2014	4/21/2015	10/22/2015	7/5/2016	10/27/2016
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-16										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/8/2017	10/17/2017	5/21/2018	10/26/2018	7/8/2019	12/12/2019	5/20/2020	11/12/2020
Acetone	ug/L	-	ND	ND	ND	ND	4.5 JB	ND U	ND U	ND U
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Benzene	ug/L	5	1.2	1	ND	ND	4.7	5	5	4.8
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	0.45 J
2-Butanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	0.27 J	ND U	ND U	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	0.39 J	0.4 J	0.43 J	0.43 J
Chloroethane	ug/L	-	1.02	ND	ND	ND	ND U	0.37 J	0.38 J	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	0.39 J
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,4-Dichlorobenzene	ug/L	75	5.72	7.3	5.27	9.68	14.6	16.6	17.9	16.9
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND U	0.3 J	ND U	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	0.42 J	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	15.93	12.61	11.56	6.57	14.1	19.1	14.5	16.6
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	0.39 J	0.54 J	0.4 J	0.46 J
Methylene chloride	ug/L	5	ND	ND	ND	ND	0.82 J	1.1	1.2	1.1
Methyl t-Butyl Ether	ug/L	-	1.14	1.02	ND	1.19	2	1.9	1.9	1.7
1,2-Dichloropropane	ug/L	5	1.04	1	ND	ND	1.5	1.6	1.6	1.5
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND U	ND U	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-16		Number of Sampling Dates: 45								
Parameter Name	Units	Compliance Limit	5/8/2017	10/17/2017	5/21/2018	10/26/2018	7/8/2019	12/12/2019	5/20/2020	11/12/2020
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	0.68 J	0.83 J	0.85 J	1.2
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND U	1.1	1.2	1.1
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
o-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-16		Number of Sampling Dates: 45						
Parameter Name	Units	Compliance Limit	5/17/2021	10/27/2021	5/24/2022	10/18/2022	4/20/2023	
Acetone	ug/L	-	ND U	ND U	ND	ND	ND	
Acrylonitrile	ug/L	-	ND U	ND U	ND	ND	ND	
Benzene	ug/L	5	5.1	4.9	4.4	4.3	4.5	
Bromochloromethane	ug/L	-	ND U	ND U	ND	ND	ND	
Bromomethane	ug/L	-	ND U	ND U	ND	ND	0.43 J	
2-Butanone	ug/L	-	ND U	ND U	ND	ND	ND	
Carbon disulfide	ug/L	-	ND U	ND U	ND	ND	ND	
Carbon tetrachloride	ug/L	5	ND U	ND U	ND	ND	ND	
Chlorobenzene	ug/L	100	0.41 J	0.37 J	0.4 J	0.36 J	0.38 J	
Chloroethane	ug/L	-	ND U	ND U	0.4 J	0.75 J	0.36 J	
Chloromethane	ug/L	-	ND U	ND U	ND	ND	ND	
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND	ND	ND	
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND	ND	ND	
Dibromomethane	ug/L	-	ND U	ND U	ND	ND	ND	
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND	ND	ND	
1,4-Dichlorobenzene	ug/L	75	17.6	15.1	15.6	14.2	13.7	
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND	ND	ND	
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND	ND	ND	
1,2-Dichloroethane	ug/L	5	0.42 J	0.32 J	0.39 J	0.37 J	0.36 J	
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND	ND	ND	
Cis-1,2-Dichloroethene	ug/L	70	16.5	15.6	14.1	13.8	17.1	

Location ID: MW-16

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/17/2021	10/27/2021	5/24/2022	10/18/2022	4/20/2023
Trans-1,2-Dichloroethene	ug/L	100	0.42 J	0.45 J	0.4 J	0.37 J	0.39 J
Methylene chloride	ug/L	5	0.99 J	0.83 J	0.98 J	0.74 J	0.49 J
Methyl t-Butyl Ether	ug/L	-	1.9	1.6	1.4	1.6	1.4
1,2-Dichloropropane	ug/L	5	1.6	1.6	1.4	1.3	ND
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	1.1	1.6	1.9	3.2	3.3
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	1.2	1	1	1.1
Total Xylenes	ug/L	10000	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-16										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/13/2001	12/20/2001	6/13/2002	11/22/2002	6/18/2003	2/5/2004	6/8/2004	1/11/2005
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.136	0.101	0.12	0.092	0.14	0.122	0.15	0.112
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	ND	ND	ND	ND	0.039	0.072	0.063	0.042
Copper, Total	mg/L	1.3	0.012	0.039	0.058	ND	0.024	ND	ND	0.01
Iron, Total	mg/L	0.3	0.993	0.527	0.376	0.184	16.92	ND	18.07	16.37
Lead, Total	mg/L	0.15	ND	ND	0.004	ND	0.003	ND	ND	ND
Magnesium, Total	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	0.05	2.503	1.812	1.298	1.108	13.01	21.27	20.81	ND
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.021	ND	ND	0.013	0.049	0.016	ND	0.05
Alkalinity, Total	mg/L	-	75	75	65	60	60	105	115	107.9
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	11	14	ND	14	ND	13	13
Chloride	mg/L	250	122	101.8	100.39	85.18	136.64	118.58	131.92	205.74
Hardness	mg/L	-	182.27	316.8	281.81	135.42	334.48	219.18	253.72	252.25
Nitrate-N	mg/L	10	0.31	0.3	0.33	0.3	ND	ND	ND	ND
pH	SU	8.5	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	ND	ND	ND	ND	ND	710	ND	607
Sulfate	mg/L	250	2	1.94	1.82	1.6	ND	ND	4.26	2
Total Dissolved Solids	mg/L	500	45	329	1077	235	612	352	510	933
Turbidity	NTU	5	4.36	1.43	1.13	0.96	3.13	3.65	4.52	0.37

Location ID: MW-16										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	7/7/2005	3/2/2006	6/21/2006	1/24/2007	7/25/2007	2/6/2008	7/10/2008	1/6/2009
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.16	0.14	0.14	0.131	0.22	0.099	0.18	0.15
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-16

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	7/7/2005	3/2/2006	6/21/2006	1/24/2007	7/25/2007	2/6/2008	7/10/2008	1/6/2009
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	68.95	77.9	107.5	2.48	69.35	66.07
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	0.051	0.047	0.038	0.039	0.037	ND	0.038	0.018
Copper, Total	mg/L	1.3	0.013	ND	0.015	0.019	0.011	ND	0.06	ND
Iron, Total	mg/L	0.3	20.02	9.92	30.23	18.53	27.72	8	23.21	22.44
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	-	-	-	28.35	35.05	40	15.1	29.45	26.6
Manganese, Total	mg/L	0.05	41.32	11.28	26.77	13.58	17.61	1.467	15.17	8.42
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	0.012	ND	ND	0.012	0.011	ND	0.026	ND
Potassium, Total	mg/L	-	-	-	3.74	3.8	3.58	3.31	3.96	3.45
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	38.2	41.4	36.2	16	34.7	22.1
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.022	0.03	0.078	0.012	0.02	0.01	ND	0.034
Alkalinity, Total	mg/L	-	118.2	98.2	114.5	122.8	122.2	95.9	111.2	126.8
Ammonia-N	mg/L	-	ND	ND	ND	ND	-	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	12	ND	10	15	ND	16	15	15
Chloride	mg/L	250	148.8	128.69	248.91	130.54	175.85	96.77	1182.93	111.52
Hardness	mg/L	-	241.57	186.32	288.91	338.85	433.15	241.09	290.32	274.51
Nitrate-N	mg/L	10	0.1	0.1	ND	ND	ND	ND	ND	ND
pH	SU	8.5	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	731	645	842	624	849	700	910	661
Sulfate	mg/L	250	5.27	4	15	6.19	ND	7.38	9.05	9.21
Total Dissolved Solids	mg/L	500	606	514	714	684	476	360	564	380
Turbidity	NTU	5	0.36	1.7	120	2	1.4	2	1.84	0.35

Location ID: MW-16

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/21/2009	3/25/2010	7/20/2010	11/10/2010	7/19/2011	11/22/2011	6/14/2012	11/21/2012
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.16	0.2	0.18	0.18	0.22	0.324	0.289	0.259
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	55.66	34.8	35.82	147.3	101.65	96.16	112.2	80.08
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	0.016	0.065	0.055	0.025	0.061	0.036	0.03	0.023
Copper, Total	mg/L	1.3	0.061	0.011	0.025	0.036	0.106	ND	0.706	ND
Iron, Total	mg/L	0.3	22.79	59.99	30.2	28.92	30.83	21.81	22.94	18.99
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	-	21.05	35.7	31.9	33.3	38.05	38.44	33.49	28.71

Location ID: MW-16		Number of Sampling Dates: 45								
Parameter Name	Units	Compliance Limit	5/21/2009	3/25/2010	7/20/2010	11/10/2010	7/19/2011	11/22/2011	6/14/2012	11/21/2012
Manganese, Total	mg/L	0.05	8.1	24.03	24.7	17.02	18.82	16.91	18.01	11.18
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	-	ND
Nickel, Total	mg/L	0.1	ND	0.012	0.016	ND	0.016	0.011	0.015	ND
Potassium, Total	mg/L	-	3.72	5.2	3.28	5.05	4.07	3.99	5.31	4.8
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	30	41.8	51.7	42.4	53.8	0.8	50.1	30.3
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.012	ND	0.014	0.013	0.015	0.015	0.053	0.011
Alkalinity, Total	mg/L	-	124.2	139.7	142.5	94.8	119.6	132.95	121.96	116.98
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	14	15	11	18	15	15	13	10
Chloride	mg/L	250	124.22	204.76	152.91	290	ND	260	194.81	216.46
Hardness	mg/L	-	225.67	233.91	220.81	504.94	410.51	398.41	418.08	318.19
Nitrate-N	mg/L	10	ND	ND	ND	ND	-	ND	ND	ND
pH	SU	8.5	-	-	5.58	5.06	5.58	5.37	5.4	5.08
Specific Conductance	umhos/cm	-	658	882	841	965	1164	1130	1121	984
Sulfate	mg/L	250	6.32	1.36	5.25	34	-	ND	22.53	16.26
Total Dissolved Solids	mg/L	500	404	590	752	654	864	724	860	610
Turbidity	NTU	5	1	3.4	1.7	1.8	0.55	0.51	1.98	0.98

Location ID: MW-16		Number of Sampling Dates: 45								
Parameter Name	Units	Compliance Limit	5/22/2013	11/19/2013	5/22/2014	12/2/2014	4/21/2015	10/22/2015	7/5/2016	10/27/2016
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND R
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND R
Barium, Total	mg/L	2	0.277	0.22	0.86	0.25	0.25	0.14	0.29	0.27 R
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND R
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND R
Calcium, Total	mg/L	-	80.67	108.7	384.9	121.8	109.8	91.32	102.2	118.5 R
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Cobalt, Total	mg/L	-	0.028	0.02	0.09	0.02	0.02	0.01	0.03	ND R
Copper, Total	mg/L	1.3	0.045	0.04	0.05	ND	0.27	0.03	ND	ND R
Iron, Total	mg/L	0.3	28.17	15.87	63.64	20.14	17.12	15.29	35.83	ND R
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND R
Magnesium, Total	mg/L	-	31.84	27.91	77.66	35.79	36.11	46.18	78.79	64.56 R
Manganese, Total	mg/L	0.05	13.62	9.04	54.21	10.83	9.2	6.38	15.43	2.3 R
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND R
Nickel, Total	mg/L	0.1	ND	ND	0.019	ND	ND	ND	ND	ND R
Potassium, Total	mg/L	-	4.983	4.88	6.8	6.27	5.38	7.95	9.55	11.43 R
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND R
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Sodium, Total	mg/L	-	41.82	30.55	94.87	46.9	35.76	20.93	36.7	31.8 R
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND R

Location ID: MW-16
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/22/2013	11/19/2013	5/22/2014	12/2/2014	4/21/2015	10/22/2015	7/5/2016	10/27/2016
Vanadium, Total	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND R
Zinc, Total	mg/L	5	ND	0.02	0.01	0.02	0.01	0.02	ND	ND R
Alkalinity, Total	mg/L	–	–	118.41	132.31	125.69	107.85	114.7	150.96	131.43
Ammonia-N	mg/L	–	6.2	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	–	12	ND	21	ND	14	ND	19	10
Chloride	mg/L	250	–	248.4	330.42	284.33	–	262.07	367.12	292.86
Hardness	mg/L	–	332.6	386.4	1281.3	451.5	422.9	418.2	579.65	561.75
Nitrate-N	mg/L	10	0.07	ND	ND	ND	–	0.01	ND	ND
pH	SU	8.5	5.24	5.13	5.25	5.14	5.11	5.19	5.6	5.78
Specific Conductance	umhos/cm	–	994	1066	1570	942	1477	1190	1158	958
Sulfate	mg/L	250	–	22.03	4.11	24.65	–	13.46	23.59	18.16
Total Dissolved Solids	mg/L	500	796	713	842	750	669	585	948	829
Turbidity	NTU	5	ND	0.88	1.65	0.74	0.26	0.2	2.2	0.36

Location ID: MW-16
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/8/2017	10/17/2017	5/21/2018	10/26/2018	7/8/2019	12/12/2019	5/20/2020	11/12/2020
Antimony, Total	mg/L	0.006	0.007 R	ND	ND	ND	ND U	ND U	ND U	ND U
Arsenic, Total	mg/L	0.01	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Barium, Total	mg/L	2	0.26 R	0.18	0.24	0.35	0.52	0.4	0.49	0.41
Beryllium, Total	mg/L	0.004	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Cadmium, Total	mg/L	0.005	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Calcium, Total	mg/L	–	111.6 R	112	83.99	141.5	137	156	178	189
Chromium, Total	mg/L	0.1	ND R	ND	ND	ND	0.0086	0.004	0.002 J	0.0016 J
Cobalt, Total	mg/L	–	0.04 R	0.02	0.02	0.04	0.035	0.024	0.026	0.022
Copper, Total	mg/L	1.3	ND R	ND	ND	ND	0.0021 J	ND U	ND U	ND U
Iron, Total	mg/L	0.3	33.34 R	27.92	43.89	61.33	38.5	27	41.2	23.8
Lead, Total	mg/L	0.15	ND R	ND	ND	ND	0.00088 J	ND U	ND U	ND U
Magnesium, Total	mg/L	–	55.4 R	52.67	33.94	62.45	67.3	52.6	69.3	58.9
Manganese, Total	mg/L	0.05	7.9 R	7.65	11.64	29.63	26.6	14.1	14.9	9.7
Mercury, Total	mg/L	0.002	ND R	ND	ND	0.0026	ND U	ND U	0.00017 J	ND U
Nickel, Total	mg/L	0.1	ND R	ND	ND	ND	0.018	0.0088	0.0074	0.0091
Potassium, Total	mg/L	–	9.87 R	10.23	4.45	5.71	6.8	6.3	7.1	7.1
Selenium, Total	mg/L	0.05	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Silver, Total	mg/L	0.1	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Sodium, Total	mg/L	–	29.26 R	27.48	35.16	62.7	95.3	71.2	91.5	61.4
Thallium, Total	mg/L	0.002	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Vanadium, Total	mg/L	–	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Zinc, Total	mg/L	5	ND R	ND	ND	ND	0.0055 J	0.0051 J	0.0022 J	0.0023 J
Alkalinity, Total	mg/L	–	181.58	110.36	189.53	183.7	160	105	146	123
Ammonia-N	mg/L	–	ND	ND	ND	ND	0.45	0.072 J	0.123	0.045 J
Chemical Oxygen Demand (COD)	mg/L	–	15	11	15	11	15 J	14 J	44	15
Chloride	mg/L	250	307.3	277.48	344.44	599.81	634	475	717	591
Hardness	mg/L	–	506.8	496.56	349.49	610.5	618	722	766	696
Nitrate-N	mg/L	10	ND	0.08	ND	ND	ND U	ND U	0.2	ND U

Location ID: MW-16										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/8/2017	10/17/2017	5/21/2018	10/26/2018	7/8/2019	12/12/2019	5/20/2020	11/12/2020
pH	SU	8.5	5.85	5.73	5.99	5.99	5.85	5.72	5.64	5.37
Specific Conductance	umhos/cm	–	947	913	1099	1692	1690	1767	1875	1529
Sulfate	mg/L	250	18.46	13.01	13.46	6.34	9.3	23.1	8.8	11.1
Total Dissolved Solids	mg/L	500	909	724	978	1543	1400	1160	1870	1320
Turbidity	NTU	5	0.1	0.07	0.22	0.6	0.92	0.34	0.86	0.51

Location ID: MW-16										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/17/2021	10/27/2021	5/24/2022	10/18/2022	4/20/2023			
Antimony, Total	mg/L	0.006	ND U	ND U	ND	ND	ND			
Arsenic, Total	mg/L	0.01	ND U	ND U	ND	ND	ND			
Barium, Total	mg/L	2	0.56	0.45	0.42	0.35	0.33			
Beryllium, Total	mg/L	0.004	ND U	ND U	ND	ND	ND			
Cadmium, Total	mg/L	0.005	ND U	ND U	ND	ND	ND			
Calcium, Total	mg/L	–	193	191	191	167	166			
Chromium, Total	mg/L	0.1	0.0023	0.0013 J	0.0023	0.0028	0.0038			
Cobalt, Total	mg/L	–	0.023	0.016	0.0064	0.015	0.0059			
Copper, Total	mg/L	1.3	ND U	ND U	ND	ND	ND			
Iron, Total	mg/L	0.3	35	23.7	26.4	21.2	36.4			
Lead, Total	mg/L	0.15	ND U	ND U	ND	ND	ND			
Magnesium, Total	mg/L	–	84.6	57.4	64.2	50.8	48.4			
Manganese, Total	mg/L	0.05	15.1	7.9	8	6.6	8.6			
Mercury, Total	mg/L	0.002	0.00023 J	0.00024 J	ND	0.00021 J	ND			
Nickel, Total	mg/L	0.1	0.0068	0.0064	0.0034 J	0.0059	ND			
Potassium, Total	mg/L	–	8.2	7	7.4	6.8	6.6			
Selenium, Total	mg/L	0.05	ND U	ND U	ND	ND	ND			
Silver, Total	mg/L	0.1	ND U	ND U	ND	ND	ND			
Sodium, Total	mg/L	–	96.4	59.5	64.9	56.1	52.7			
Thallium, Total	mg/L	0.002	ND U	ND U	ND	ND	ND			
Vanadium, Total	mg/L	–	0.0008 J	ND U	0.00077 J	ND	0.0016 J			
Zinc, Total	mg/L	5	0.0021 J	ND U	ND	ND	ND			
Alkalinity, Total	mg/L	–	196	122	113	108	121			
Ammonia-N	mg/L	–	0.278	0.056 J	0.353	0.201	ND			
Chemical Oxygen Demand (COD)	mg/L	–	31	5 J	13 J	5 J	26			
Chloride	mg/L	250	771	569	581	502	480			
Hardness	mg/L	–	772	741	717	628	614			
Nitrate-N	mg/L	10	ND U	ND U	ND	ND	ND			
pH	SU	8.5	5.57	5.58	5.49	4.86	5.67			
Specific Conductance	umhos/cm	–	1043	1627	1650	1889	839.76			
Sulfate	mg/L	250	7.8	7.9	7.3	ND	5.5			
Total Dissolved Solids	mg/L	500	2340	1400	1620	1230	1530			
Turbidity	NTU	5	0.59	0.76	0.07	0.2	2.66			

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-17										
Number of Sampling Dates: 44										
Parameter Name	Units	Compliance Limit	6/18/2001	6/18/2002	11/7/2002	6/12/2003	2/4/2004	6/16/2004	12/15/2004	6/22/2005
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	6	6	8	6	ND	41	6	7
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	3	4	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	-	ND	-	-	-	-	-	-
1,4-Dichlorobenzene	ug/L	75	8	8	6	7	10	45	9	11
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	15	4	2	3	ND	1
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	28	28	18	18	8	66	10	31
Trans-1,2-Dichloroethene	ug/L	100	2	2	2	1	ND	2	ND	1
Methylene chloride	ug/L	5	6	6	ND	10	ND	ND	ND	2
Methyl t-Butyl Ether	ug/L	-	9	9	4	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	3	3	5	3	2	3	1	2
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	4	ND	ND
2-Hexanone	ug/L	-	-	ND	-	-	-	-	-	-
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	1	1	1	ND	ND	3	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	3	3	5	3	2	5	2	2

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	6/18/2001	6/18/2002	11/7/2002	6/12/2003	2/4/2004	6/16/2004	12/15/2004	6/22/2005
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	2	2	3	3	2	3
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	1/25/2006	6/13/2006	1/18/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008	4/28/2009
Acetone	ug/L	-	ND	ND	ND	ND	ND	38	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	7	7	7	7	85	7	7
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	-	-	-	-	-	9	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	18	15	22	15	326	14	16
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	3	3	3	3	21	3	3
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	2	ND	1
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	32	29	31	32	481	27	30
Trans-1,2-Dichloroethene	ug/L	100	ND	2	2	2	2	15	2	2
Methylene chloride	ug/L	5	ND	5	4	3	3	48	4	4
Methyl t-Butyl Ether	ug/L	-	ND	3	3	4	3	50	3	3
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	33	1	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	1/25/2006	6/13/2006	1/18/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008	4/28/2009
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	-	-	-	-	-	-	-	-
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	4	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	24	1	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	6	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoforn	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroforn	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	1/28/2010	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012	5/14/2013
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	6	7	6.1	7.1	7	7	6	6
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	1	ND	ND	ND	ND	ND	1	2

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	1/28/2010	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012	5/14/2013
1,4-Dichlorobenzene	ug/L	75	16	18	12	15	14	10	13	14
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	2	2	1.4	1	2	2	2	ND
1,2-Dichloroethane	ug/L	5	ND	1	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	29	29	31	30.9	25	21	20	24
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	1.2	ND	ND	ND	ND
Methylene chloride	ug/L	5	4	3	ND	3.7	3	3	ND	2
Methyl t-Butyl Ether	ug/L	-	4	5	4.5	7.5	4	3	3	5
1,2-Dichloropropane	ug/L	5	ND	ND	ND	2.1	ND	ND	ND	2
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	-	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	2	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	1.6	1.7	ND	ND	ND	3
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	4	2.4	3	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	2.5	ND	3	ND	4
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016	5/9/2017
Acetone	ug/L	-	ND	ND	5.6	4.55	18.91	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	6.12	7.68	5.4	1.21	1.03	1.58	1.36	1.92

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016	5/9/2017
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	1.17	1.1	1.68	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	1.92	2.82	1.1	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	14.67	27.32	13	8.13	9.12	5.95	7.59	7.24
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	22.86	28.48	18	8.67	9.02	10.01	8.81	9.59
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	1.23	2.3	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	3.59	9.07	3.6	2.86	2.92	4.32	2.94	3.41
1,2-Dichloropropane	ug/L	5	2.18	3.1	2.3	1.23	1.29	1.1	1.09	1.39
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	8.97	5.94	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	3.19	2.99	1.7	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	2.92	2.77	2.6	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	5.37	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016	5/9/2017
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	10/19/2017	5/24/2018	10/25/2018	7/11/2019	12/12/2019	5/20/2020	11/19/2020	5/19/2021
Acetone	ug/L	-	ND	ND	ND	8.2 JB	ND U	3.9 JB	4.7 J	4.4 J
Acrylonitrile	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Benzene	ug/L	5	1.73	1.31	1.37	6.1	6.6	6	5.8	6.1
Bromochloromethane	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Bromomethane	ug/L	-	ND	ND	ND	0.45 JB	ND U	ND U	ND U	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND U	ND U	ND U	0.33 JB	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	0.42 J	0.46 J	0.43 J	ND U	0.41 J
Chloroethane	ug/L	-	1.66	1.66	ND	ND U	ND U	ND U	ND U	ND U
Chloromethane	ug/L	-	ND	ND	ND	0.32 J	ND U	ND U	0.33 JB	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
1,4-Dichlorobenzene	ug/L	75	8.76	6.59	7.31	16.4	19.8	16.7	17.6	16.3
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND U	0.29 J	ND U	ND U	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	0.36 J	0.33 J	ND U	0.32 J	0.33 J
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	9.5	8.96	8.53	17.3	16.6	14.2	13.4	14.3
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	1.1	1.2	1.1	1.1	1.1
Methylene chloride	ug/L	5	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Methyl t-Butyl Ether	ug/L	-	2.74	2.76	2.72	10.6	8.8	9.2	8	9
1,2-Dichloropropane	ug/L	5	1.37	1.14	1.08	1.4	1.4	1.3	1.2	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Styrene	ug/L	100	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	10/19/2017	5/24/2018	10/25/2018	7/11/2019	12/12/2019	5/20/2020	11/19/2020	5/19/2021
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Toluene	ug/L	1000	ND	ND	ND	2.3	0.24 J	ND U	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Trichloroethene	ug/L	5	1.11	ND	ND	1.8	1.7	1.1	1.5	1.4
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	3	3.7	3.2	2.6	2.4
Total Xylenes	ug/L	10000	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	ND U	ND U	ND U
o-Xylene	ug/L	10000	-	-	-	-	-	ND U	ND U	ND U
Bromodichloromethane	ug/L	80	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Chlorofom	ug/L	80	ND	ND	ND	ND U	ND U	ND U	ND U	ND U

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	11/1/2021	6/1/2022	10/25/2022	4/19/2023
Acetone	ug/L	-	7.9 J	5.7 J	8 J	4.2 J
Acrylonitrile	ug/L	-	ND U	ND	ND	ND
Benzene	ug/L	5	5.5	5.6	4.9	5.2
Bromochloromethane	ug/L	-	ND U	ND	ND	ND
Bromomethane	ug/L	-	ND U	ND	ND	ND
2-Butanone	ug/L	-	ND U	ND	ND	ND
Carbon disulfide	ug/L	-	0.55 J	0.31 J	0.44 J	ND
Carbon tetrachloride	ug/L	5	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	0.43 J	0.36 J	0.38 J	0.36 J
Chloroethane	ug/L	-	ND U	ND	ND	ND
Chloromethane	ug/L	-	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND	ND	ND
Dibromomethane	ug/L	-	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	15.9	14.2	13.8	13.3
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	12.4	12.5	11	11.4

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	11/1/2021	6/1/2022	10/25/2022	4/19/2023
Trans-1,2-Dichloroethene	ug/L	100	0.96 J	1	0.8 J	0.82 J
Methylene chloride	ug/L	5	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	8.3	8.5	7.1	8
1,2-Dichloropropane	ug/L	5	1.3	1.3	1.2	1.2
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND	ND	ND
Trichloroethene	ug/L	5	1.3	1.3	0.93 J	1.2
Trichlorofluoromethane	ug/L	-	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	2.2	1.7	1.3	1.6
Total Xylenes	ug/L	10000	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	ND U	ND	ND	ND
o-Xylene	ug/L	10000	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-17										
Number of Sampling Dates: 44										
Parameter Name	Units	Compliance Limit	6/18/2001	6/18/2002	11/7/2002	6/12/2003	2/4/2004	6/16/2004	12/15/2004	6/22/2005
Antimony, Total	mg/L	0.006	ND	ND	0.003	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.312	0.36	0.3	0.24	0.24	0.23	0.16	0.204
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	0.01	0.014	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	ND	0.029	0.036	0.017	0.03	0.02	ND	0.016
Copper, Total	mg/L	1.3	0.035	0.072	0.037	0.018	ND	0.013	ND	0.018
Iron, Total	mg/L	0.3	12.86	70.3	62.95	19.35	ND	8.3	4.516	20.02
Lead, Total	mg/L	0.15	0.003	0.028	0.024	0.004	0.008	0.004	ND	0.006
Magnesium, Total	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	0.05	1.148	2.857	3.56	2.666	5.88	5.105	ND	5.23
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	ND	0.014	0.027	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	0.012	0.027	0.02	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.035	0.068	0.125	0.017	0.041	0.044	0.111	0.228
Alkalinity, Total	mg/L	-	75	155	175	125	115	65	77.5	82.05
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	16	18	ND	ND	10	ND	ND	ND
Chloride	mg/L	250	4.9	4.61	5.22	3.39	3.48	3.46	3.14	3.12
Hardness	mg/L	-	68.59	66.57	64.02	67.23	68.12	48.86	63.4	60.47
Nitrate-N	mg/L	10	0.72	ND	ND	0.07	ND	ND	ND	ND
pH	SU	8.5	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	ND	ND	ND	ND	270	ND	214	215
Sulfate	mg/L	250	ND	ND	ND	ND	ND	ND	0.78	ND
Total Dissolved Solids	mg/L	500	153	233	211	202	175	46	147	92
Turbidity	NTU	5	10.32	56.6	241	22.8	43.4	3.06	9.18	89.6

Location ID: MW-17										
Number of Sampling Dates: 44										
Parameter Name	Units	Compliance Limit	1/25/2006	6/13/2006	1/18/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008	4/28/2009
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.196	0.16	0.14	0.16	0.11	0.12	0.14	0.105
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-17
 Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	1/25/2006	6/13/2006	1/18/2007	6/21/2007	12/12/2007	7/2/2008	12/9/2008	4/28/2009
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	–	–	17.7	25.35	27.2	2.48	14.06	29.76	24
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	–	0.016	ND	0.017	0.014	0.015	0.011	0.013	ND
Copper, Total	mg/L	1.3	ND	ND	ND	ND	0.083	0.057	0.02	0.017
Iron, Total	mg/L	0.3	22.48	5.48	15.61	17.99	8.79	13.98	23.31	10.35
Lead, Total	mg/L	0.15	0.002	0.002	ND	ND	ND	ND	0.01	ND
Magnesium, Total	mg/L	–	–	5.65	8	6	4.6	3.8	8.52	7.15
Manganese, Total	mg/L	0.05	1.897	1.157	1.787	2.24	0.987	1.513	1.824	1.311
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	–	–	1.62	1.58	1.27	6.8	1.74	2.07	1.55
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	–	–	4.65	19	10.4	16.2	8	9.8	13.8
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.037	0.065	ND	0.059	ND	0.02	0.027	ND
Alkalinity, Total	mg/L	–	127	67.2	108.1	72.2	105.2	89.6	108.1	91.4
Ammonia-N	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	–	ND	ND	ND	ND	55	ND	13	13
Chloride	mg/L	250	3.58	2.99	3.14	3.31	3.6	0.52	6.67	3.99
Hardness	mg/L	–	73.25	67.46	96.24	92.63	22.94	50.76	109.94	89.37
Nitrate-N	mg/L	10	ND	ND	ND	ND	ND	ND	ND	ND
pH	SU	8.5	–	–	–	–	–	–	–	–
Specific Conductance	umhos/cm	–	285	180	193	220	217	235	215	211
Sulfate	mg/L	250	2.13	ND	2.12	1.2	2.21	ND	3.03	2.69
Total Dissolved Solids	mg/L	500	328	316	518	124	144	932	114	448
Turbidity	NTU	5	14	3.68	7.6	7.9	2.7	7.92	85	7

Location ID: MW-17
 Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	1/28/2010	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012	5/14/2013
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	0.003
Barium, Total	mg/L	2	0.14	0.12	0.15	0.186	0.232	0.252	0.316	0.227
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	–	26.13	12.58	23.13	14.35	23.24	16.96	23.67	18.53
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	–	0.016	0.023	ND	0.017	0.014	0.01	0.01	0.01
Copper, Total	mg/L	1.3	0.022	ND	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	0.3	14.9	14.4	17.65	14	15.66	11.74	7.693	13.51
Lead, Total	mg/L	0.15	0.002	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	–	9.65	2.637	4.15	11.5	5.661	4.416	5.531	4.573

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	1/28/2010	5/26/2010	10/26/2010	6/15/2011	11/16/2011	6/12/2012	11/15/2012	5/14/2013
Manganese, Total	mg/L	0.05	3.642	3.944	1.465	1.999	1.94	1.51	1.566	1.422
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	-	ND	ND
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	1.44	1.22	1.67	1.34	1.66	1.78	1.84	1.277
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	11.5	11.8	17	14.6	0.2	7.4	7.2	7.071
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.014	0.012	ND	ND	0.018	ND	ND
Alkalinity, Total	mg/L	-	69.7	69.4	88.8	78.3	89.93	92.21	95.52	-
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	18	ND	10	ND	ND	ND	ND
Chloride	mg/L	250	4.26	4.88	4.35	5.87	3.1	3.85	3.47	3.58
Hardness	mg/L	-	104.98	42.27	74.84	83.19	81.34	60.53	81.88	65.1
Nitrate-N	mg/L	10	ND	ND	ND	ND	ND	ND	ND	ND
pH	SU	8.5	-	5.2	4.91	5.22	5.31	4.98	4.92	5.03
Specific Conductance	umhos/cm	-	224	198	239	226	218	229	210	212
Sulfate	mg/L	250	2.06	1.43	2.81	2.46	35	2.1	4.19	2.44
Total Dissolved Solids	mg/L	500	64	148	146	142	76	118	138	138
Turbidity	NTU	5	8.15	10	4.2	3	1.72	2.66	13.8	5.37

Location ID: MW-17

Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016	5/9/2017
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND R	0.005 R
Arsenic, Total	mg/L	0.01	0.003	0.004	ND	0.002	0.002	ND	ND R	ND R
Barium, Total	mg/L	2	0.27	0.38	0.24	0.27	0.16	0.15	0.18 R	0.17 R
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND R	ND R
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND R	ND R
Calcium, Total	mg/L	-	25.95	166.5	23.73	26.55	25.23	17.71	25.78 R	25.27 R
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND R	ND R
Cobalt, Total	mg/L	-	0.01	0.03	ND	0.01	0.01	0.01	ND R	0.02 R
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	ND	ND R	ND R
Iron, Total	mg/L	0.3	8.83	33.69	10.46	12.85	18.44	19.43	7.819 R	7.159 R
Lead, Total	mg/L	0.15	ND	0.002	ND	ND	0.002	ND	ND R	ND R
Magnesium, Total	mg/L	-	5.925	11.01	5.432	6.714	10.69	10.57	10.74 R	10.67 R
Manganese, Total	mg/L	0.05	1.65	5.62	1.56	2.1	1.78	2.35	1.1 R	1.16 R
Mercury, Total	mg/L	0.002	ND	ND	-	ND	ND	ND	ND R	ND R
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND R	ND R
Potassium, Total	mg/L	-	1.81	2.24	1.84	1.86	2.89	2.99	3.38 R	3.17 R
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND R	ND R
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND R	ND R
Sodium, Total	mg/L	-	8.87	14.55	7.73	9.39	5.65	6.71	5.97 R	7.95 R
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND R	ND R

Location ID: MW-17
Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/30/2016	11/1/2016	5/9/2017
Vanadium, Total	mg/L	–	ND	ND	ND	ND	ND	ND	ND R	ND R
Zinc, Total	mg/L	5	ND	0.03	ND	0.01	ND	ND	ND R	ND R
Alkalinity, Total	mg/L	–	98.45	113.38	97.36	93.84	124.89	121.69	105.92	108.39
Ammonia-N	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	–	12	34	ND	ND	ND	11	12	15
Chloride	mg/L	250	3.73	4.01	3.37	2.29	3.32	3.73	3.41	3.17
Hardness	mg/L	–	89.2	461.09	81.6	93.9	107	87.75	108.6	107.04
Nitrate-N	mg/L	10	0.09	ND	ND	0.16	0.02	ND	ND	ND
pH	SU	8.5	5.1	4.96	4.79	5.05	5.04	5.48	5.63	5.57
Specific Conductance	umhos/cm	–	284	318	229	371	301	199.8	160.5	170.3
Sulfate	mg/L	250	8.1	2.67	4.12	3.84	4.95	0.43	4.76	1.56
Total Dissolved Solids	mg/L	500	113	155	131	108	142	140	116	118
Turbidity	NTU	5	5.52	3.79	2.52	1.95	5.04	2	0.46	1.63

Location ID: MW-17
Number of Sampling Dates: 44

Parameter Name	Units	Compliance Limit	10/19/2017	5/24/2018	10/25/2018	7/11/2019	12/12/2019	5/20/2020	11/19/2020	5/19/2021
Antimony, Total	mg/L	0.006	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Arsenic, Total	mg/L	0.01	ND	0.003	0.002	ND U	ND U	ND U	ND U	ND U
Barium, Total	mg/L	2	0.12	0.14	0.11	0.14	0.14	0.15	0.13	0.14
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Calcium, Total	mg/L	–	22.5	28.28	26.51	23.5	20.2	21.7	20.9	21.7
Chromium, Total	mg/L	0.1	ND	ND	ND	0.0013 J	0.001 J	0.0011 J	0.0011 J	ND U
Cobalt, Total	mg/L	–	0.01	0.01	0.03	0.049	0.016	0.023	0.01	0.018
Copper, Total	mg/L	1.3	ND	ND	ND	0.0029 J	0.0022 J	0.0025 J	0.0042 J	0.0022 J
Iron, Total	mg/L	0.3	14.54	16.44	45.96	56.4	20.1	31	14.4	31.1
Lead, Total	mg/L	0.15	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Magnesium, Total	mg/L	–	11.17	5.681	6.31	7.6	5.1	5.7	5.5	6.1
Manganese, Total	mg/L	0.05	1.85	2.34	9.22	19.3	4.8	6.8	3.3	5.7
Mercury, Total	mg/L	0.002	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Nickel, Total	mg/L	0.1	ND	ND	ND	0.012	0.0053 J	0.0057	0.0037 J	0.0055 J
Potassium, Total	mg/L	–	3.22	1.55	1.55	1.5	1.5	1.6	1.9	1.5
Selenium, Total	mg/L	0.05	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Silver, Total	mg/L	0.1	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Sodium, Total	mg/L	–	7.15	9.03	6.65	7.9	7.6	7.7	7.5	7.9
Thallium, Total	mg/L	0.002	ND	ND	ND	ND U	ND U	ND U	ND U	ND U
Vanadium, Total	mg/L	–	ND	ND	ND	0.0014 J	0.001 J	0.0012 J	0.0012 J	0.0013 J
Zinc, Total	mg/L	5	ND	ND	ND	0.0033 J	ND U	0.0027 J	0.0051 J	0.0048 J
Alkalinity, Total	mg/L	–	117.01	137.58	173.27	210	129	148	112	227
Ammonia-N	mg/L	–	ND	ND	ND	2.38	0.462	0.362	ND U	0.605
Chemical Oxygen Demand (COD)	mg/L	–	15	27	34	17	13 J	10	21	19
Chloride	mg/L	250	3.33	3.53	4.23	5.6	3.6	5.8	5.9	5.1
Hardness	mg/L	–	102.18	94.01	92.2	89.8	90	84.1	73.5	83.3
Nitrate-N	mg/L	10	ND	ND	ND	ND U	ND U	0.2	ND U	ND U

Location ID: MW-17										
Number of Sampling Dates: 44										
Parameter Name	Units	Compliance Limit	10/19/2017	5/24/2018	10/25/2018	7/11/2019	12/12/2019	5/20/2020	11/19/2020	5/19/2021
pH	SU	8.5	5.53	5.56	5.69	6.06	5.59	5.66	5.41	5.54
Specific Conductance	umhos/cm	–	191	195.2	334	354	222	244	157.7	204
Sulfate	mg/L	250	3.54	ND	ND	ND U	0.92 J	0.58	2.3	0.64 J
Total Dissolved Solids	mg/L	500	144	138	219	283	112	202	146	178
Turbidity	NTU	5	0.79	1.97	2.55	2.94	1.71	2.44	1.17	1.94

Location ID: MW-17						
Number of Sampling Dates: 44						
Parameter Name	Units	Compliance Limit	11/1/2021	6/1/2022	10/25/2022	4/19/2023
Antimony, Total	mg/L	0.006	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	0.0012 J	ND	0.0013 J
Barium, Total	mg/L	2	0.15	0.15	0.16	0.15
Beryllium, Total	mg/L	0.004	ND U	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND U	ND	ND	ND
Calcium, Total	mg/L	–	21.1	21.5	23.5	23.8
Chromium, Total	mg/L	0.1	ND U	0.00077 J	ND	0.0033
Cobalt, Total	mg/L	–	0.01	0.018	0.018	0.018
Copper, Total	mg/L	1.3	0.0032 J	ND	0.0022 J	ND
Iron, Total	mg/L	0.3	13.9	23.4	25.7	21.5
Lead, Total	mg/L	0.15	ND U	ND	ND	ND
Magnesium, Total	mg/L	–	5.6	6.1	6.1	6.1
Manganese, Total	mg/L	0.05	3.4	4.9	5.5	4.8
Mercury, Total	mg/L	0.002	ND U	ND	ND	ND
Nickel, Total	mg/L	0.1	0.0038 JB	0.0061	0.0059	0.0051 J
Potassium, Total	mg/L	–	1.7	1.7	1.9	1.7
Selenium, Total	mg/L	0.05	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	ND U	ND	ND	ND
Sodium, Total	mg/L	–	7.5	7.7	8.2	7.8
Thallium, Total	mg/L	0.002	ND U	ND	ND	ND
Vanadium, Total	mg/L	–	0.00099 J	0.0013 J	ND	0.0017 J
Zinc, Total	mg/L	5	0.0024 JB	0.0021 J	0.0038 J	ND
Alkalinity, Total	mg/L	–	102	135	104	117
Ammonia-N	mg/L	–	0.174	0.238	0.364	0.582
Chemical Oxygen Demand (COD)	mg/L	–	7 J	11 J	7 J	32
Chloride	mg/L	250	5.8	3.4	2.8	3.4
Hardness	mg/L	–	73.2	86.5	83.7	84.7
Nitrate-N	mg/L	10	ND U	ND	ND	ND
pH	SU	8.5	5.43	5.03	6.45	5.63
Specific Conductance	umhos/cm	–	136.1	240	334	296.54
Sulfate	mg/L	250	2.1	ND	1.9 J	ND
Total Dissolved Solids	mg/L	500	146	186	176	172
Turbidity	NTU	5	1.17	0.84	0.7	0

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-19										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/12/2001	12/12/2001	6/12/2002	11/26/2002	6/12/2003	2/2/2004	6/16/2004	12/15/2004
Acetone	ug/L	-	-	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	1	ND	ND	ND	1	ND	15	1
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	4	4	3	4	3	3	ND	4
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	5	1	ND	1	ND	ND	5	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	2	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	54	44	47	41	33	33	68	13
Trans-1,2-Dichloroethene	ug/L	100	1	1	1	1	ND	ND	8	ND
Methylene chloride	ug/L	5	3	ND	ND	ND	ND	1	ND	ND
Methyl t-Butyl Ether	ug/L	-	1	1	1	2	ND	4	ND	ND
1,2-Dichloropropane	ug/L	5	1	1	1	1	1	1	13	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	2	2	ND	ND	ND	ND	2	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	6	5	5	4	3	2	22	1

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/12/2001	12/12/2001	6/12/2002	11/26/2002	6/12/2003	2/2/2004	6/16/2004	12/15/2004
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	1	2	2	2	1	14	1
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/22/2005	1/6/2006	6/13/2006	1/18/2007	6/12/2007	1/10/2008	7/2/2008	12/9/2008
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	1	ND	2	2	2	2	2	2
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	4	3	3	2	2	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	2	2	2	2	2	2
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	37	33	29	27	25	22	20
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	2	2	2	2	1	1
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	1	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/22/2005	1/6/2006	6/13/2006	1/18/2007	6/12/2007	1/10/2008	7/2/2008	12/9/2008
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	1	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	1	ND	ND	ND	ND	ND	4
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/23/2011	11/16/2011	6/12/2012	11/15/2012
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/23/2011	11/16/2011	6/12/2012	11/15/2012
1,4-Dichlorobenzene	ug/L	75	ND	4	3	2.8	ND	2	3	3
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	1	1	ND	ND	1	ND	1
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	19	16	19	5.43	12	12	12
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/28/2016	11/2/2016
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/28/2016	11/2/2016
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	3	3.27	5.34	2.8	ND	ND	1.09	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	15	14.26	16.96	11	5.59	5.8	5.45	4.94
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-

Location ID: MW-19										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/28/2016	11/2/2016
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-19										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	5/17/2017	10/25/2017	5/22/2018	10/26/2018	7/9/2019	12/10/2019	5/21/2020	11/16/2020
Acetone	ug/L	-	ND	ND	ND	ND	5.5 JB	3.7 J	ND U	ND U
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Benzene	ug/L	5	ND	ND	ND	ND	0.36 J	0.27 J	0.35 J	0.3 J
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND U	ND U	0.2 J	0.22 J
Chloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	0.47 J	ND U	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND U	0.0047 J	0.011 J	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	2.1	3.5	3.8	3.7
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	5.13	4.48	4.54	3.65	8.6	10.1	9.7	8.2
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND U	0.33 J	0.39 J	0.41 J
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND U	ND U	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/17/2017	10/25/2017	5/22/2018	10/26/2018	7/9/2019	12/10/2019	5/21/2020	11/16/2020
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
o-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/19/2021	10/28/2021	5/24/2022	10/19/2022	4/19/2023
Acetone	ug/L	-	ND U	ND U	ND	ND	ND
Acrylonitrile	ug/L	-	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	0.3 J	ND U	0.25 J	0.23 J	ND
Bromochloromethane	ug/L	-	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	-	ND U	ND U	ND	ND	0.42 J
2-Butanone	ug/L	-	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	-	ND U	ND U	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	0.19 J	ND U	ND	ND	ND
Chloroethane	ug/L	-	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	-	ND U	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	-	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	3.7	2.8	2.9	2.5	2
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	8.8	6	5.3	4.2	3.9

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/19/2021	10/28/2021	5/24/2022	10/19/2022	4/19/2023
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	0.36 J	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-19										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/12/2001	12/12/2001	6/12/2002	11/26/2002	6/12/2003	2/2/2004	6/16/2004	12/15/2004
Antimony, Total	mg/L	0.006	0.002	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.01	ND	0.01	0.013	0.059	0.046	0.06	0.051
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	0.01	ND	ND
Copper, Total	mg/L	1.3	0.022	0.02	0.048	ND	ND	0.012	0.012	ND
Iron, Total	mg/L	0.3	0.775	0.009	0.602	0.083	0.462	ND	0.224	0.138
Lead, Total	mg/L	0.15	ND	ND	0.004	ND	ND	0.006	ND	ND
Magnesium, Total	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	0.05	0.845	0.812	0.815	0.817	1.685	2.46	2.651	ND
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.011	0.01	ND	0.012	0.047	0.022	0.12
Alkalinity, Total	mg/L	-	90	90	90	100	110	113	120	133.05
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	13	ND	ND	ND	7	ND	ND	ND
Chloride	mg/L	250	58	55.5	57.81	77.3	72.2	83.8	80.18	61.85
Hardness	mg/L	-	149.82	296	176.44	144.41	187.72	210.13	221.74	202.61
Nitrate-N	mg/L	10	0.18	0.06	0.06	0.06	ND	ND	ND	ND
pH	SU	8.5	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	ND	ND	-	ND	ND	500	ND	422
Sulfate	mg/L	250	2.6	2.3	2.52	3.08	2.56	2.6	2.63	2.55
Total Dissolved Solids	mg/L	500	24	91	1287	214	346	198	171	273
Turbidity	NTU	5	14.08	1.27	0.42	0.6	4.77	147	4.45	0.33

Location ID: MW-19										
Number of Sampling Dates: 45										
Parameter Name	Units	Compliance Limit	6/22/2005	1/6/2006	6/13/2006	1/18/2007	6/12/2007	1/10/2008	7/2/2008	12/9/2008
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.05	0.048	0.051	0.061	0.03	0.027	0.042	0.049
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	6/22/2005	1/6/2006	6/13/2006	1/18/2007	6/12/2007	1/10/2008	7/2/2008	12/9/2008
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	-	-	55.1	64.35	105.3	2.48	43.7	52.07
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	0.016	0.022	0.021	0.019	0.018	0.019	0.02	0.015
Copper, Total	mg/L	1.3	0.014	0.021	0.012	ND	ND	ND	0.068	0.056
Iron, Total	mg/L	0.3	0.307	0.356	0.414	0.26	1.281	1.362	1.035	0.554
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	-	-	-	23.3	28.15	29.3	17.95	17.55	25.295
Manganese, Total	mg/L	0.05	7.5	3.39	5.916	6.14	8.2	7.92	7.46	8.35
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	-	-	1.84	1.79	1.95	1.48	1.82	1.77
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	-	-	19.6	22.2	14.6	12.5	16.9	14.1
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.078	ND	0.028	ND	0.042	0.01	ND	0.018
Alkalinity, Total	mg/L	-	134.5	136.6	141.8	137.4	139.7	139.8	136.8	142.8
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	ND	ND	ND	ND	14	ND	ND
Chloride	mg/L	250	59.84	63.68	55.7	72.28	64.47	69.04	10.75	116.71
Hardness	mg/L	-	270.57	173.37	147.06	276.6	383.59	155.48	181.39	234.16
Nitrate-N	mg/L	10	ND	ND	ND	ND	ND	ND	ND	ND
pH	SU	8.5	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	469	436	520	390	522	538	563	461
Sulfate	mg/L	250	2.81	2.82	2.65	3.37	2.91	2.83	ND	4.28
Total Dissolved Solids	mg/L	500	116	704	316	542	290	332	286	274
Turbidity	NTU	5	0.47	ND	ND	0	ND	6.7	0.9	ND

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/23/2011	11/16/2011	6/12/2012	11/15/2012
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.07	0.09	0.08	0.102	0.085	ND	ND	ND
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	45.56	40.5	57.1	65.25	57.35	60.99	69.39	49.6
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	0.017	0.02	0.018	0.016	0.021	0.019	0.018	0.019
Copper, Total	mg/L	1.3	0.015	0.028	0.015	ND	0.011	ND	ND	ND
Iron, Total	mg/L	0.3	0.801	0.678	1.19	1.097	1.08	0.473	0.88	0.536
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	-	22.6	26.85	19.4	20.35	20.65	19.39	19.32	18.26

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	4/28/2009	12/16/2009	5/26/2010	10/26/2010	6/23/2011	11/16/2011	6/12/2012	11/15/2012
Manganese, Total	mg/L	0.05	7.98	15.42	8.37	9.32	7.91	8.018	8.805	8.807
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	-	ND
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	1.92	1.85	1.55	1.9	1.66	1.68	2.12	2.08
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	16.1	16.7	21.3	30.5	21.7	0.2	11.8	11.3
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	ND	ND	ND	0.015	0.037	ND	0.016	ND
Alkalinity, Total	mg/L	-	139.4	-	129.5	136.9	134.5	126.21	133.74	130.56
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	ND	ND	ND	ND	ND	10	ND
Chloride	mg/L	250	88.56	98.42	98.94	99.46	98.03	82	89.66	92.32
Hardness	mg/L	-	206.83	211.7	224.96	246.73	228.24	232.14	252.83	199.05
Nitrate-N	mg/L	10	ND	ND	ND	ND	ND	ND	ND	ND
pH	SU	8.5	-	-	5.7	5.46	5.92	5.69	5.63	5.45
Specific Conductance	umhos/cm	-	573	490	578	542	598	541	547	517
Sulfate	mg/L	250	ND	3.5	3.45	3.23	3.37	ND	3.11	2.96
Total Dissolved Solids	mg/L	500	326	276	306	364	336	208	330	318
Turbidity	NTU	5	ND	0.65	0.85	2.3	0.5	ND	1.05	ND

Location ID: MW-19

Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/28/2016	11/2/2016
Antimony, Total	mg/L	0.006	ND	ND	0.02	ND	ND	ND	ND	0.002 R
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND R
Barium, Total	mg/L	2	ND	ND	0.01	ND	ND	ND	ND	ND R
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND R
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND R
Calcium, Total	mg/L	-	42.05	60.68	297.7	62.87	56.66	49.11	54.85	56.08 R
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Cobalt, Total	mg/L	-	0.015	0.02	0.04	0.02	0.02	0.02	0.02	ND R
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	ND	ND	ND R
Iron, Total	mg/L	0.3	0.44	0.664	0.979	0.703	0.501	1.012	1.088	ND R
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND R
Magnesium, Total	mg/L	-	16.4	18.23	36.25	20.04	20.25	32.73	37.84	39.58 R
Manganese, Total	mg/L	0.05	7.191	8.07	16.18	8.76	9.04	8.11	8.31	1.32 R
Mercury, Total	mg/L	0.002	ND	ND	ND	-	ND	ND	ND	ND R
Nickel, Total	mg/L	0.1	ND	ND	0.011	ND	ND	ND	ND	ND R
Potassium, Total	mg/L	-	1.53	1.9	2.73	2.32	1.78	3.31	3.64	4.25 R
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND R
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Sodium, Total	mg/L	-	9.776	12.9	19.39	13.03	12.88	9.37	10.89	13.14 R
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND R

Location ID: MW-19
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/14/2013	11/14/2013	5/13/2014	11/25/2014	4/16/2015	10/20/2015	6/28/2016	11/2/2016
Vanadium, Total	mg/L	–	ND	ND	ND	ND	ND	ND	ND	ND R
Zinc, Total	mg/L	5	ND	ND	ND	ND	ND	ND	ND	ND R
Alkalinity, Total	mg/L	–	–	123.85	134.48	127.72	129.28	125.55	135.67	132.52
Ammonia-N	mg/L	–	1.15	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	–	ND	ND	ND	ND	ND	ND	10	ND
Chloride	mg/L	250	70.39	95.41	96.59	94.93	90.47	96.16	88.98	110.37
Hardness	mg/L	–	172.5	226.6	892.6	239.5	224.9	257.4	292.79	303.02
Nitrate-N	mg/L	10	ND	0.07	ND	ND	ND	ND	ND	ND
pH	SU	8.5	5.49	5.5	5.35	5.29	5.4	5.44	5.85	5.85
Specific Conductance	umhos/cm	–	417	561	686	478	729	590	396	467
Sulfate	mg/L	250	4.29	7.82	4.3	4.66	4.6	4	4.2	4.19
Total Dissolved Solids	mg/L	500	306	296	319	286	323	296	305	327
Turbidity	NTU	5	1.16	0.93	1.08	3.09	1.01	10.78	0.83	0.37

Location ID: MW-19
Number of Sampling Dates: 45

Parameter Name	Units	Compliance Limit	5/17/2017	10/25/2017	5/22/2018	10/26/2018	7/9/2019	12/10/2019	5/21/2020	11/16/2020
Antimony, Total	mg/L	0.006	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Arsenic, Total	mg/L	0.01	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Barium, Total	mg/L	2	0.0049 J	ND	ND	ND	0.0048 J	0.0048 J	0.0044 J	0.0055 J
Beryllium, Total	mg/L	0.004	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Cadmium, Total	mg/L	0.005	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Calcium, Total	mg/L	–	54.5	53.03	42.04	48.94	50.2	52.4	48.4	55.8
Chromium, Total	mg/L	0.1	0.0042	ND	ND	ND	0.002 J	ND U	0.0024	ND U
Cobalt, Total	mg/L	–	0.022	0.02	0.02	0.02	0.021	0.02	0.02	0.023
Copper, Total	mg/L	1.3	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Iron, Total	mg/L	0.3	0.64	0.987	0.33	0.38	0.47	0.31	0.39	1.2
Lead, Total	mg/L	0.15	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Magnesium, Total	mg/L	–	19.6	37.4	19.4	16.87	20.2	21.1	19.1	21.7
Manganese, Total	mg/L	0.05	8.1	8.34	8	6.58	7.5	8	6.7	7.9
Mercury, Total	mg/L	0.002	ND U	ND	ND	0.00156	ND U	ND U	ND U	ND U
Nickel, Total	mg/L	0.1	0.007	ND	ND	ND	0.0066	0.0063	0.0062	0.0067
Potassium, Total	mg/L	–	1.8	3.73	1.73	1.71	1.9	2	1.8	2.1
Selenium, Total	mg/L	0.05	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Silver, Total	mg/L	0.1	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Sodium, Total	mg/L	–	13	12.39	13.19	11.07	12.6	13.2	12.3	13.4
Thallium, Total	mg/L	0.002	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Vanadium, Total	mg/L	–	ND U	ND	ND	ND	ND U	ND U	ND U	ND U
Zinc, Total	mg/L	5	ND U	ND	ND	ND	0.0025 J	0.0037 J	0.0041 J	0.0037 J
Alkalinity, Total	mg/L	–	133.52	140.95	129.79	123.96	106	118	121	126
Ammonia-N	mg/L	–	ND	ND	ND	ND	0.091 J	ND U	0.058	0.206
Chemical Oxygen Demand (COD)	mg/L	–	ND	ND	ND	ND	ND U	ND U	15	10 J
Chloride	mg/L	250	91.04	114.39	110.52	113.66	102	96.9	93.8	118
Hardness	mg/L	–	279.55	286.43	184.86	191.7	208	218	211	233
Nitrate-N	mg/L	10	ND	ND	ND	ND	ND U	ND U	0.2	ND U

Location ID: MW-19		Number of Sampling Dates: 45								
Parameter Name	Units	Compliance Limit	5/17/2017	10/25/2017	5/22/2018	10/26/2018	7/9/2019	12/10/2019	5/21/2020	11/16/2020
pH	SU	8.5	5.78	5.96	5.88	6.12	6.03	6.26	6.01	5.73
Specific Conductance	umhos/cm	–	402	482	433	468	435	494	402	487
Sulfate	mg/L	250	4.63	4.24	4.21	4.12	4	4.3	4.4	4.3
Total Dissolved Solids	mg/L	500	322	346	331	374	315	300	304	396
Turbidity	NTU	5	0.12	0.01	0.01	0.29	1.21	0.52	0.63	0.94

Location ID: MW-19		Number of Sampling Dates: 45						
Parameter Name	Units	Compliance Limit	5/19/2021	10/28/2021	5/24/2022	10/19/2022	4/19/2023	
Antimony, Total	mg/L	0.006	ND U	ND U	ND	ND	ND	
Arsenic, Total	mg/L	0.01	ND U	ND U	ND	ND	ND	
Barium, Total	mg/L	2	0.0044 J	0.006	0.005 J	0.007	0.0054 J	
Beryllium, Total	mg/L	0.004	ND U	ND U	ND	ND	ND	
Cadmium, Total	mg/L	0.005	ND U	ND U	ND	ND	ND	
Calcium, Total	mg/L	–	52.6	58.2	54.6	62.5	62	
Chromium, Total	mg/L	0.1	ND U	ND U	ND	0.0012 J	ND	
Cobalt, Total	mg/L	–	0.018	0.026	0.022	0.029	0.028	
Copper, Total	mg/L	1.3	ND U	ND U	ND	ND	ND	
Iron, Total	mg/L	0.3	0.45	0.83	0.25	1.3	0.79	
Lead, Total	mg/L	0.15	ND U	ND U	ND	ND	ND	
Magnesium, Total	mg/L	–	23.3	22	24.2	25.1	26.1	
Manganese, Total	mg/L	0.05	7.7	8.7	7.7	8.7	8.2	
Mercury, Total	mg/L	0.002	ND U	ND U	ND	ND	ND	
Nickel, Total	mg/L	0.1	0.0063	0.0071	0.0073	0.0072	0.0078	
Potassium, Total	mg/L	–	2.2	2.2	2	2.4	2.1	
Selenium, Total	mg/L	0.05	ND U	ND U	ND	ND	ND	
Silver, Total	mg/L	0.1	ND U	ND U	ND	ND	ND	
Sodium, Total	mg/L	–	14.2	14.4	14.9	16.5	15.8	
Thallium, Total	mg/L	0.002	ND U	ND U	ND	ND	ND	
Vanadium, Total	mg/L	–	ND U	ND U	ND	ND	ND	
Zinc, Total	mg/L	5	0.0042 J	0.0028 JB	ND	0.0024 J	0.0022 J	
Alkalinity, Total	mg/L	–	189	129	136	130	125	
Ammonia-N	mg/L	–	0.099 J	ND U	0.303	0.175	0.264	
Chemical Oxygen Demand (COD)	mg/L	–	13 J	7 JB	6 J	ND	31	
Chloride	mg/L	250	105	120	110	140	135	
Hardness	mg/L	–	211	235	235	259	262	
Nitrate-N	mg/L	10	ND U	ND U	ND	ND	ND	
pH	SU	8.5	5.98	5.98	5.8	8.85	5.97	
Specific Conductance	umhos/cm	–	395	382	457	812	613.73	
Sulfate	mg/L	250	4.4	4	4.7	4.1	4.9	
Total Dissolved Solids	mg/L	500	470	400	346	462	412	
Turbidity	NTU	5	0.14	0.69	0.06	0.11	0	

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-21D											
Number of Sampling Dates: 48											
Parameter Name	Units	Compliance Limit	6/15/2001	12/20/2001	6/1/2002	6/13/2002	11/22/2002	6/25/2003	2/5/2004	6/30/2004	
Acetone	ug/L	--	--	ND	--	ND	ND	ND	ND	ND	
Acrylonitrile	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Benzene	ug/L	5	ND	ND	--	ND	ND	ND	ND	ND	
Bromochloromethane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Bromomethane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
2-Butanone	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Carbon disulfide	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Carbon tetrachloride	ug/L	5	ND	ND	--	ND	ND	ND	ND	ND	
Chlorobenzene	ug/L	100	ND	ND	--	ND	ND	ND	3	ND	
Chloroethane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Chloromethane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	--	ND	ND	ND	ND	ND	
1,2-Dibromoethane	ug/L	0.05	ND	ND	--	ND	ND	ND	ND	ND	
Dibromomethane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	ug/L	600	ND	ND	--	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	ug/L	75	ND	ND	--	ND	ND	ND	ND	ND	
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
1,1-Dichloroethane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
1,2-Dichloroethane	ug/L	5	ND	ND	--	ND	ND	ND	ND	ND	
1,1-Dichloroethene	ug/L	7	ND	ND	--	ND	ND	ND	ND	ND	
Cis-1,2-Dichloroethene	ug/L	70	2	2	--	2	9	2	1	10	
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	--	ND	ND	ND	ND	ND	
Methylene chloride	ug/L	5	ND	ND	--	ND	ND	ND	ND	ND	
Methyl t-Butyl Ether	ug/L	--	ND	1	--	ND	ND	ND	ND	ND	
1,2-Dichloropropane	ug/L	5	ND	ND	--	ND	ND	ND	ND	ND	
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Ethylbenzene	ug/L	700	ND	ND	--	ND	ND	ND	ND	ND	
2-Hexanone	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Iodomethane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Styrene	ug/L	100	ND	ND	--	ND	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Tetrachloroethene	ug/L	5	3	3	--	2	ND	2	2	17	
Toluene	ug/L	1000	ND	ND	--	ND	ND	ND	4	ND	
1,1,1-Trichloroethane	ug/L	200	ND	ND	--	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	ug/L	5	ND	ND	--	ND	ND	ND	ND	ND	
Trichloroethene	ug/L	5	ND	ND	--	ND	1	ND	ND	4	
Trichlorofluoromethane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND	

Location ID: MW-21D

Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	6/15/2001	12/20/2001	6/1/2002	6/13/2002	11/22/2002	6/25/2003	2/5/2004	6/30/2004
1,2,3-Trichloropropane	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	--	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	--	ND	2	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	--	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	--	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	--	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	--	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	--	ND	ND	ND	ND	ND

Location ID: MW-21D

Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	1/11/2005	7/7/2005	3/2/2006	6/21/2006	1/10/2007	5/26/2007	7/11/2007	1/10/2008
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	2	ND	ND	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	4	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	ND	2	ND	ND	2	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	1	ND	5	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	1	1	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	26	32	20	32.7	33	33
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-21D

Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	1/11/2005	7/7/2005	3/2/2006	6/21/2006	1/10/2007	5/26/2007	7/11/2007	1/10/2008
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	1	1	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	2	2	2	ND	ND

Location ID: MW-21D

Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	7/10/2008	1/28/2009	6/10/2009	3/30/2010	8/17/2010	11/16/2010	7/19/2011	12/21/2011
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	2	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-21D

Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	7/10/2008	1/28/2009	6/10/2009	3/30/2010	8/17/2010	11/16/2010	7/19/2011	12/21/2011
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	1	2	1	1	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	27	24	23	14	12	14	9.8	6
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	2	ND	ND	ND	ND	ND

Location ID: MW-21D

Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	6/14/2012	11/29/2012	6/5/2013	12/4/2013	6/5/2014	12/9/2014	5/12/2015	11/17/2015
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-21D

Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	6/14/2012	11/29/2012	6/5/2013	12/4/2013	6/5/2014	12/9/2014	5/12/2015	11/17/2015
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	4	5	4	1.83	5.14	ND	2.02	1.08
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-21D
 Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	7/6/2016	11/2/2016	5/17/2017	10/17/2017	5/23/2018	7/9/2018	11/5/2018	7/10/2019
Acetone	ug/L	--	ND	ND	ND	ND	ND	--	ND	4.5 JB
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND	--	ND	ND U
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	--	ND	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	--	ND	ND U
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	--	ND	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	--	ND	ND U
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	--	ND	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	--	ND	ND U
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	--	ND	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	--	ND	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	--	ND	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	--	ND	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	--	ND	ND U
Methyl t-Butyl Ether	ug/L	--	1.43	1.18	1.23	ND	1	--	1.02	1.2
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	--	ND	ND U
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	--	ND	ND U
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND	--	ND	ND U
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	--	ND	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND	--	ND	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	--	ND	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	--	ND	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	--	ND	ND U
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	--	ND	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	--	ND	ND U

Location ID: MW-21D										
Number of Sampling Dates: 48										
Parameter Name	Units	Compliance Limit	7/6/2016	11/2/2016	5/17/2017	10/17/2017	5/23/2018	7/9/2018	11/5/2018	7/10/2019
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	--	ND	ND U
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	--	ND	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	--	ND	ND U
Bromoform	ug/L	80	ND	ND	ND	ND	ND	--	ND	ND U
Chloroform	ug/L	80	ND	ND	ND	ND	ND	--	ND	0.33 J

Location ID: MW-21D										
Number of Sampling Dates: 48										
Parameter Name	Units	Compliance Limit	12/20/2019	6/3/2020	11/19/2020	5/20/2021	11/4/2021	6/1/2022	10/25/2022	4/20/2023
Acetone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Acrylonitrile	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromochloromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	0.45 J
2-Butanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	--	ND U	ND U	ND U	ND U	0.4 J	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	0.42 J	0.46 J	0.35 J	0.34 J	ND U	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	0.52 J	ND U	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	1.2	0.94 J	0.89 J	0.96 J	0.88 J	1 J	0.85 J	0.73 J
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	--	ND U	ND U	ND U	ND U	0.52 JB	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-21D

Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	12/20/2019	6/3/2020	11/19/2020	5/20/2021	11/4/2021	6/1/2022	10/25/2022	4/20/2023
1,1,1,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	0.36 J	0.32 J	0.35 J	0.35 J	0.33 J	0.3 J	ND	0.33 J

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-21D		Number of Sampling Dates: 48									
Parameter Name	Units	Compliance Limit	6/15/2001	12/20/2001	6/1/2002	6/13/2002	11/22/2002	6/25/2003	2/5/2004	6/30/2004	
Antimony, Total	mg/L	0.006	ND	ND	--	ND	ND	ND	0.002	ND	
Arsenic, Total	mg/L	0.01	ND	ND	--	ND	ND	ND	ND	ND	
Barium, Total	mg/L	2	0.057	0.07	--	0.06	0.072	0.24	0.098	0.057	
Beryllium, Total	mg/L	0.004	ND	ND	--	ND	ND	ND	ND	ND	
Cadmium, Total	mg/L	0.005	ND	ND	--	ND	ND	ND	ND	ND	
Calcium, Total	mg/L	--	--	--	--	--	--	--	--	--	
Chromium, Total	mg/L	0.1	ND	ND	--	ND	ND	ND	ND	ND	
Cobalt, Total	mg/L	--	ND	ND	--	ND	ND	ND	ND	ND	
Copper, Total	mg/L	1.3	0.036	0.083	--	0.103	0.015	ND	0.026	0.02	
Iron, Total	mg/L	0.3	0.25	0.527	--	0.823	1.389	0.076	24.42	1.85	
Lead, Total	mg/L	0.15	0.003	0.004	--	0.004	0.003	0.002	0.036	0.002	
Magnesium, Total	mg/L	--	--	--	--	--	--	--	--	--	
Manganese, Total	mg/L	0.05	0.07	ND	--	0.025	0.478	0.578	0.339	0.255	
Mercury, Total	mg/L	0.002	ND	ND	--	ND	ND	ND	ND	ND	
Nickel, Total	mg/L	0.1	ND	ND	--	ND	ND	ND	ND	ND	
Potassium, Total	mg/L	--	--	--	--	--	--	--	--	--	
Selenium, Total	mg/L	0.05	ND	ND	--	ND	ND	ND	ND	ND	
Silver, Total	mg/L	0.1	ND	ND	--	ND	ND	ND	ND	ND	
Sodium, Total	mg/L	--	--	--	--	--	--	--	--	--	
Thallium, Total	mg/L	0.002	ND	ND	--	ND	ND	ND	ND	ND	
Vanadium, Total	mg/L	--	ND	ND	--	ND	ND	ND	0.013	ND	
Zinc, Total	mg/L	5	ND	ND	--	0.023	0.052	0.04	0.066	0.086	
Alkalinity, Total	mg/L	--	20	30	--	30	25	30	30	25	
Ammonia-N	mg/L	--	--	ND	--	ND	ND	ND	ND	ND	
Chemical Oxygen Demand (COD)	mg/L	--	12	ND	--	17	ND	ND	6	ND	
Chloride	mg/L	250	625	504.08	--	531.86	236.73	494.16	591.12	611.75	
Hardness	mg/L	--	506.13	709	--	670.05	221.67	671.36	635.78	547.09	
Nitrate-N	mg/L	10	5.17	3.86	--	3.69	0.62	1.71	2.91	4.1	
pH	SU	8.5	--	--	6.13	--	--	--	--	--	
Specific Conductance	umhos/cm	--	1900	1830	2500	--	ND	1860	2020	2020	
Sulfate	mg/L	250	1.8	1.68	--	1.69	3.79	1.91	2.25	3	
Total Dissolved Solids	mg/L	500	141	990	--	1680	407	1517	1128	1346	
Turbidity	NTU	5	2.48	13.4	7.9	6.27	43.7	1.75	121.5	10.77	

Location ID: MW-21D		Number of Sampling Dates: 48									
Parameter Name	Units	Compliance Limit	1/11/2005	7/7/2005	3/2/2006	6/21/2006	1/10/2007	5/26/2007	7/11/2007	1/10/2008	
Antimony, Total	mg/L	0.006	0.002	ND	0.003	ND	ND	--	ND	ND	
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	--	ND	ND	
Barium, Total	mg/L	2	0.046	0.2	0.16	0.12	0.083	--	0.096	0.088	
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	--	ND	ND	
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	--	ND	ND	
Calcium, Total	mg/L	--	--	--	--	227	159.25	--	344.4	2.48	

Location ID: MW-21D
Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	1/11/2005	7/7/2005	3/2/2006	6/21/2006	1/10/2007	5/26/2007	7/11/2007	1/10/2008
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	--	ND	ND
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND	--	ND	ND
Copper, Total	mg/L	1.3	0.014	0.014	ND	0.011	0.012	--	ND	0.041
Iron, Total	mg/L	0.3	0.647	0.016	0.014	0.043	1.885	--	0.162	0.059
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	--	ND	ND
Magnesium, Total	mg/L	--	--	--	--	82	68.4	--	92.15	68.6
Manganese, Total	mg/L	0.05	0.223	0.069	0.222	0.016	0.418	--	0.091	0.264
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	--	ND	ND
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	--	ND	ND
Potassium, Total	mg/L	--	--	--	--	3.04	4.1	--	2.91	3.39
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	--	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	--	ND	ND
Sodium, Total	mg/L	--	--	--	--	164.8	147.6	--	188.7	139.7
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	--	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	--	ND	ND
Zinc, Total	mg/L	5	0.072	0.025	0.019	0.07	0.049	--	ND	ND
Alkalinity, Total	mg/L	--	33	34	32.5	36	26	--	35.6	32.7
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	--	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	ND	ND	ND	ND	ND	--	ND	ND
Chloride	mg/L	250	1209.18	980.78	822.67	1266.31	651.6	--	806.45	908.95
Hardness	mg/L	--	700.72	880.43	402.03	904.5	679.32	--	1239.44	1119.49
Nitrate-N	mg/L	10	2.79	4.98	2.65	3.62	1.6	--	4.43	2.32
pH	SU	8.5	--	--	--	--	--	--	--	--
Specific Conductance	umhos/cm	--	2150	2490	2260	2800	1730	--	2680	2430
Sulfate	mg/L	250	2.05	2.6	3.24	5	3.87	--	2.4	2.56
Total Dissolved Solids	mg/L	500	2297	1894	1406	2072	1208	--	1688	1324
Turbidity	NTU	5	1.6	1.08	0.65	2.05	5.7	--	1.3	ND

Location ID: MW-21D
Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	7/10/2008	1/28/2009	6/10/2009	3/30/2010	8/17/2010	11/16/2010	7/19/2011	12/21/2011
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.088	0.085	0.08	0.12	0.14	0.14	0.15	0.052
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	--	233.15	102.4	91.35	277.17	343.16	359.5	232.3	211.9
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	0.033	0.02	ND	ND
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	0.023	ND	ND	ND	ND	0.05	0.047	ND
Iron, Total	mg/L	0.3	0.293	0.088	0.187	0.39	0.699	0.467	0.352	0.181
Lead, Total	mg/L	0.15	ND	ND	ND	ND	0.002	ND	0.002	ND
Magnesium, Total	mg/L	--	74.6	87.65	80.2	73.45	73.5	83.75	75.5	66.83
Manganese, Total	mg/L	0.05	0.171	0.035	0.077	0.33	0.079	0.138	0.168	0.516
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	0.011	ND	ND	ND	0.037	0.029	0.033	0.017

Location ID: MW-21D		Number of Sampling Dates: 48								
Parameter Name	Units	Compliance Limit	7/10/2008	1/28/2009	6/10/2009	3/30/2010	8/17/2010	11/16/2010	7/19/2011	12/21/2011
Potassium, Total	mg/L	--	3.38	2.66	2.88	6.25	2.878	3.03	2.82	2.8
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	--	225.2	215.7	187	177	302	187.8	179.8	3.7
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.023	0.022	ND	ND	0.017	0.032	0.012	0.012
Alkalinity, Total	mg/L	--	36	36	33.89	26.4	36.4	34.9	43.7	39.93
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	15	ND	ND	ND	ND	10	ND	10
Chloride	mg/L	250	2406.39	1065.89	801.54	887.56	908.39	810	--	710
Hardness	mg/L	--	889.38	616.64	558.36	994.56	1159.54	1242.55	890.96	804.32
Nitrate-N	mg/L	10	2.93	3.61	2.44	3.31	3.09	1.2	--	2.1
pH	SU	8.5	--	--	--	--	5.4	5.3	5.51	5.59
Specific Conductance	umhos/cm	--	2450	2170	2440	2140	2330	2420	2430	2300
Sulfate	mg/L	250	2.32	2.8	1.97	2.99	2.65	12	--	ND
Total Dissolved Solids	mg/L	500	2182	1518	1908	1548	1688	1714	2334	1872
Turbidity	NTU	5	0.18	0.95	1	0.2	4.8	2.9	4.2	0.85

Location ID: MW-21D		Number of Sampling Dates: 48								
Parameter Name	Units	Compliance Limit	6/14/2012	11/29/2012	6/5/2013	12/4/2013	6/5/2014	12/9/2014	5/12/2015	11/17/2015
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.021	0.017	0.016	0.02	0.01	0.02	0.01	0.02
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	--	275.1	160.1	205.3	149.9	2.97	99.07	155.3	133.5
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	0.3	0.423	0.109	0.181	0.071	0.107	0.525	0.106	0.026
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	--	94.89	75.13	87.46	57.25	1.094	28.87	62.34	87.77
Manganese, Total	mg/L	0.05	0.21	0.194	0.139	0.17	0.02	0.22	0.1	0.19
Mercury, Total	mg/L	0.002	--	ND	ND	ND	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	0.016	0.014	0.013	ND	ND	ND	ND	ND
Potassium, Total	mg/L	--	3.6	2.77	2.902	2.9	ND	2.17	2.23	4.6
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	mg/L	--	241.5	181.3	219	135.3	3.41	136.8	175.6	136
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.011	ND	ND	0.01	ND	ND	ND	ND
Alkalinity, Total	mg/L	--	44.75	35.96	45.06	49.04	42.28	49.23	38.87	54.3
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	0.55	ND

Location ID: MW-21D		Number of Sampling Dates: 48								
Parameter Name	Units	Compliance Limit	6/14/2012	11/29/2012	6/5/2013	12/4/2013	6/5/2014	12/9/2014	5/12/2015	11/17/2015
Chemical Oxygen Demand (COD)	mg/L	--	11	ND	8	13	ND	23	14	15
Chloride	mg/L	250	86.49	860.05	--	695.03	876.65	384.73	807.14	683.7
Hardness	mg/L	--	1077.68	709.16	872.8	610.1	11.9	810.7	644.5	694.8
Nitrate-N	mg/L	10	2.44	3.62	--	2.58	3.31	1.4	3.89	1.77
pH	SU	8.5	5.46	5.29	5.31	5.38	5.24	5.47	5.25	5.36
Specific Conductance	umhos/cm	--	2590	2280	1939	2010	2080	1707	2430	2120
Sulfate	mg/L	250	2.67	3.71	--	4.54	3.79	6.17	3.5	7.37
Total Dissolved Solids	mg/L	500	2488	2342	2310	1962	2002	849	1857	1693
Turbidity	NTU	5	2.2	6.4	0.45	2.4	0.64	7.38	3.98	1.17

Location ID: MW-21D		Number of Sampling Dates: 48								
Parameter Name	Units	Compliance Limit	7/6/2016	11/2/2016	5/17/2017	10/17/2017	5/23/2018	7/9/2018	11/5/2018	7/10/2019
Antimony, Total	mg/L	0.006	ND	ND R	0.028 R	ND	ND	--	ND	ND U
Arsenic, Total	mg/L	0.01	ND	ND R	0.005 R	0.01	ND	--	ND	ND U
Barium, Total	mg/L	2	ND	ND R	0.01 R	ND	ND	--	ND	0.006
Beryllium, Total	mg/L	0.004	ND	ND R	ND R	ND	0.002	--	ND	ND U
Cadmium, Total	mg/L	0.005	ND	ND R	ND R	ND	ND	--	ND	ND U
Calcium, Total	mg/L	--	205.6	197.6 R	222.8 R	226.7	256	--	173.3	238
Chromium, Total	mg/L	0.1	ND	ND R	0.04 R	0.01	0.01	--	0.01	0.0045
Cobalt, Total	mg/L	--	ND	ND R	0.6 R	1.02	ND	--	ND	ND U
Copper, Total	mg/L	1.3	ND	ND R	0.63 R	3.17	0.01	--	ND	0.0043 J
Iron, Total	mg/L	0.3	0.042	ND R	2.501 R	1.516	0.192	--	0.242	0.43
Lead, Total	mg/L	0.15	ND	ND R	0.068 R	0.069	ND	--	ND	0.0036
Magnesium, Total	mg/L	--	131.9	157.8 R	131.3 R	122.9	63.15	--	55.14	93.6
Manganese, Total	mg/L	0.05	0.07	0.03 R	0.06 R	0.04	0.02	--	0.02	0.021
Mercury, Total	mg/L	0.002	ND	ND R	ND R	--	0.00249 R	ND	0.00093	ND U
Nickel, Total	mg/L	0.1	ND	ND R	0.011 R	0.013	ND	--	ND	0.0068
Potassium, Total	mg/L	--	3.47	5.18 R	3.69 R	3.7	3.85	--	1.97	2.8
Selenium, Total	mg/L	0.05	ND	ND R	ND R	ND	ND	--	ND	ND U
Silver, Total	mg/L	0.1	ND	ND R	ND R	ND	ND	--	ND	0.0022
Sodium, Total	mg/L	--	107.5	146.3 R	116.3 R	84.17	123	--	122	187
Thallium, Total	mg/L	0.002	ND	ND R	ND R	ND	ND	--	ND	ND U
Vanadium, Total	mg/L	--	ND	ND R	ND R	ND	ND	--	ND	ND U
Zinc, Total	mg/L	5	ND	ND R	0.05 R	0.03	0.02	--	ND	0.0044 J
Alkalinity, Total	mg/L	--	95.32	63.68	89.75	102.15	65.1	--	51.63	74
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	--	ND	0.091 J
Chemical Oxygen Demand (COD)	mg/L	--	18	207	ND	ND	ND	--	ND	ND U
Chloride	mg/L	250	793.98	780.22	749.76	817.34	835.05	--	811.77	897
Hardness	mg/L	--	1056.55	1143.23	1097.02	1072.17	899.28	--	659.8	981
Nitrate-N	mg/L	10	3	3.83	2.45	2.7	4	--	3.23	3.9
pH	SU	8.5	6.27	6.03	6.09	6.33	5.98	--	6.2	6.05
Specific Conductance	umhos/cm	--	2130	2070	2080	2100	2170	--	2070	2181
Sulfate	mg/L	250	7.43	5.25	12.27	8.88	6.07	--	5.19	4.8
Total Dissolved Solids	mg/L	500	2033	1691	2361	1671	1540	--	1494	2090
Turbidity	NTU	5	0.34	0.23	4.16	8.48	6.39	--	9.48	7.05

Location ID: MW-21D

Number of Sampling Dates: 48

Parameter Name	Units	Compliance Limit	12/20/2019	6/3/2020	11/19/2020	5/20/2021	11/4/2021	6/1/2022	10/25/2022	4/20/2023
Antimony, Total	mg/L	0.006	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	0.0052 J	0.0062	0.0061	0.0063	0.0065	0.0073	0.0072	0.0063
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	0.00097 J	ND	ND	ND
Calcium, Total	mg/L	--	199	207	249	248	240	246	264	236
Chromium, Total	mg/L	0.1	0.0026	0.0015 J	0.0088	0.001 J	0.029	0.013	0.0068	0.0053
Cobalt, Total	mg/L	--	ND U	ND U	ND U	ND U	0.079	ND	ND	ND
Copper, Total	mg/L	1.3	0.0058	0.0036 J	0.0062	0.0052 J	0.19	0.004 J	0.0037 J	0.0033 J
Iron, Total	mg/L	0.3	0.26	0.099	0.23	0.067	2.1	0.35	0.15	0.083
Lead, Total	mg/L	0.15	0.0011 J	ND U	ND U	ND U	0.01	ND	ND	ND
Magnesium, Total	mg/L	--	71	91.4	89.2	90.1	88.3	91.7	96.3	90
Manganese, Total	mg/L	0.05	0.021	0.018	0.023	0.017	0.025	0.02	0.017	0.013
Mercury, Total	mg/L	0.002	ND U	0.00019 J	0.00029 J	0.00018 J	ND U	0.00054	ND	ND
Nickel, Total	mg/L	0.1	0.009	0.0084	0.011	0.0091	0.02	0.012	0.012	0.0096
Potassium, Total	mg/L	--	2.3	2.6	2.8	2.9	2.9	2.5	2.8	2.9
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	0.0023	0.0027	0.0029	0.0029	0.003	0.0025	0.0023	0.0028
Sodium, Total	mg/L	--	143	198	163	187	182	160	185	208
Thallium, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	--	ND U	ND U	ND U	ND U	ND U	0.00075 J	ND	ND
Zinc, Total	mg/L	5	0.0041 J	0.0054 J	0.0066	0.006	0.012 B	0.007	0.0063	0.0061
Alkalinity, Total	mg/L	--	73	63	78	114	62	92	10	63
Ammonia-N	mg/L	--	ND U	0.042 J	ND U	0.214	0.502	ND	0.502	0.183
Chemical Oxygen Demand (COD)	mg/L	--	53	10 J	10 J	13 J	9 J	11 J	13 J	25
Chloride	mg/L	250	767	897	868	925	1010	1020	917	985
Hardness	mg/L	--	788	972	946	875	984 B	1050	1050	959
Nitrate-N	mg/L	10	3.6	3.5	3.8	6.1	3.6	2.9	2.9	3.6
pH	SU	8.5	6.13	5.75	6.03	5.83	5.87	--	6.38	5.78
Specific Conductance	umhos/cm	--	2240	2.32	2170	2200	1419	--	3065	1234
Sulfate	mg/L	250	5.6	4.5	5.9	6.2	5.1	6.3	123	5.9
Total Dissolved Solids	mg/L	500	1950	1840	2040	3290	2170	2460	2200	2740
Turbidity	NTU	5	3.65	5.24	5.13	0.71	0.97	--	4.18	31.33

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-22											
Number of Sampling Dates: 35											
Parameter Name	Units	Compliance Limit	4/4/2007	7/11/2007	1/10/2008	8/19/2008	1/28/2009	5/28/2009	1/28/2010	8/17/2010	
Acetone	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND	
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND	
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND	
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND	
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND	
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND	
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND	
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND	
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND	

Location ID: MW-22
Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	4/4/2007	7/11/2007	1/10/2008	8/19/2008	1/28/2009	5/28/2009	1/28/2010	8/17/2010
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	2	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-22
Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	11/26/2010	7/21/2011	12/21/2011	6/21/2012	11/29/2012	6/5/2013	12/4/2013	6/5/2014
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-22										
Number of Sampling Dates: 35										
Parameter Name	Units	Compliance Limit	11/26/2010	7/21/2011	12/21/2011	6/21/2012	11/29/2012	6/5/2013	12/4/2013	6/5/2014
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-22										
Number of Sampling Dates: 35										
Parameter Name	Units	Compliance Limit	12/9/2014	5/12/2015	11/17/2015	7/6/2016	11/3/2016	5/17/2017	10/26/2017	5/23/2018
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dic hloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-22

Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	12/9/2014	5/12/2015	11/17/2015	7/6/2016	11/3/2016	5/17/2017	10/26/2017	5/23/2018
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-22

Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	7/9/2018	11/5/2018	7/10/2019	12/20/2019	6/3/2020	11/19/2020	5/2/2021	11/4/2021
Acetone	ug/L	--	--	ND	6.7 JB	ND U	ND U	ND U	ND U	ND U
Acrylonitrile	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Benzene	ug/L	5	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Bromochloromethane	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Bromomethane	ug/L	--	--	ND	ND U	ND U	ND U	0.4 JB	ND U	ND U
2-Butanone	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Carbon disulfide	ug/L	--	--	ND	ND U	ND U	ND U	0.23 JB	ND U	ND U

Location ID: MW-22

Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	7/9/2018	11/5/2018	7/10/2019	12/20/2019	6/3/2020	11/19/2020	5/2/2021	11/4/2021
Carbon tetrachloride	ug/L	5	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Chlorobenzene	ug/L	100	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Chloroethane	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Chloromethane	ug/L	--	--	ND	0.46 J	ND U	ND U	ND U	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dibromoethane	ug/L	0.05	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Dibromomethane	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,4-Dichlorobenzene	ug/L	75	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Trans-1,4-dicloro-2-butene	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1-Dichloroethane	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dichloroethane	ug/L	5	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1-Dichloroethene	ug/L	7	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Trans-1,2-Dichloroethene	ug/L	100	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Methylene chloride	ug/L	5	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Methyl t-Butyl Ether	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,2-Dichloropropane	ug/L	5	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Ethylbenzene	ug/L	700	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
2-Hexanone	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Iodomethane	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	0.85 JB
4-Methyl-2-pentanone(MIBK)	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Styrene	ug/L	100	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Tetrachloroethene	ug/L	5	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Toluene	ug/L	1000	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Trichloroethene	ug/L	5	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Trichlorofluoromethane	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
1,2,3-Trichloropropane	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Vinyl acetate	ug/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Vinyl chloride	ug/L	2	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Total Xylenes	ug/L	10000	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
mp-Xylene	ug/L	10000	--	--	--	--	ND U	ND U	ND U	ND U
o-Xylene	ug/L	10000	--	--	--	--	ND U	ND U	ND U	ND U
Bromodichloromethane	ug/L	80	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Chlorodibromomethane	ug/L	80	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Bromoform	ug/L	80	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Chloroform	ug/L	80	--	ND	ND U	ND U	ND U	ND U	ND U	ND U

Location ID: MW-22

Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	6/1/2022	10/25/2022	4/20/2023
Acetone	ug/L	--	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND
Bromochloromethane	ug/L	--	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	0.5 J
2-Butanone	ug/L	--	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND
Iodomethane	ug/L	--	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND

Location ID: MW-22
 Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	6/1/2022	10/25/2022	4/20/2023
Vinyl acetate	ug/L	--	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND
mp-Xylene	ug/L	10000	ND	ND	ND
o-Xylene	ug/L	10000	ND	ND	ND
Bromodichloromethane	ug/L	80	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-22		Number of Sampling Dates: 35									
Parameter Name	Units	Compliance Limit	4/4/2007	7/11/2007	1/10/2008	8/19/2008	1/28/2009	5/28/2009	1/28/2010	8/17/2010	
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND	
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND	
Barium, Total	mg/L	2	0.04	0.038	0.039	0.034	0.04	0.06	0.09	0.09	
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND	
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND	
Calcium, Total	mg/L	--	177.95	158.7	77	71.15	69.84	63.35	126	117.65	
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	0.017	ND	
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Copper, Total	mg/L	1.3	ND	ND	0.06	ND	ND	0.02	0.033	ND	
Iron, Total	mg/L	0.3	0.402	ND	0.062	0.2	0.02	ND	0.042	0.241	
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	0.002	
Magnesium, Total	mg/L	--	11.55	16.75	8.25	9	12.905	15.5	15.3	10.7	
Manganese, Total	mg/L	0.05	ND	0.02	0.049	0.122	0.015	0.058	0.069	ND	
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND	
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	0.011	ND	
Potassium, Total	mg/L	--	11.8	1.89	0.79	1.06	1.07	1.14	1.1	1.04	
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND	
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND	
Sodium, Total	mg/L	--	48.5	10.4	8.1	11.7	10	12.4	10.3	18.2	
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND	
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Zinc, Total	mg/L	5	ND	0.022	ND	0.012	0.01	0.01	0.017	0.032	
Alkalinity, Total	mg/L	--	43.6	41.7	44.3	42.6	47.2	46.4	33.71	41.6	
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Chemical Oxygen Demand (COD)	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND	
Chloride	mg/L	250	224.07	112.46	122.84	131.25	134.46	136.72	146.55	130.08	
Hardness	mg/L	--	491.9	465.25	226.24	214.72	227.51	222.01	377.63	337.83	
Nitrate-N	mg/L	10	2.45	0.48	0.31	ND	0.31	0.27	0.41	0.29	
pH	SU	8.5	--	--	--	--	--	--	--	7.8	
Specific Conductance	umhos/cm	--	782	595	564	567	496	561	571	622	
Sulfate	mg/L	250	19.47	15.92	14.27	21.85	19.92	14.51	16.05	16.66	
Total Dissolved Solids	mg/L	500	578	508	472	430	360	458	292	452	
Turbidity	NTU	5	36.3	5.5	ND	1.05	ND	0.85	1.12	1.9	

Location ID: MW-22		Number of Sampling Dates: 35									
Parameter Name	Units	Compliance Limit	11/26/2010	7/21/2011	12/21/2011	6/21/2012	11/29/2012	6/5/2013	12/4/2013	6/5/2014	
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND	
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND	
Barium, Total	mg/L	2	0.098	0.088	0.015	0.018	0.018	0.017	0.02	ND	
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND	
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND	

Location ID: MW-22

Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	11/26/2010	7/21/2011	12/21/2011	6/21/2012	11/29/2012	6/5/2013	12/4/2013	6/5/2014
Calcium, Total	mg/L	--	116.8	91.8	94.97	120.3	69.13	89.46	88.83	2.22
Chromium, Total	mg/L	0.1	ND	ND	ND	0.05	ND	0.017	0.04	ND
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	0.018	0.012	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	0.3	0.33	0.105	0.107	0.426	0.103	0.211	0.434	ND
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	--	11.25	12.3	12.16	12.9	11.24	11.92	11.95	0.302
Manganese, Total	mg/L	0.05	0.06	0.035	0.019	0.031	0.01	ND	0.02	ND
Mercury, Total	mg/L	0.002	ND	ND	ND	--	ND	ND	ND	ND
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	0.012	0.016	ND
Potassium, Total	mg/L	--	1.04	0.94	0.9	1.33	0.99	1.065	1.07	ND
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	--	ND
Sodium, Total	mg/L	--	12.2	7.2	0.2	8.3	7	7.354	7.62	0.33
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	5	0.023	0.052	0.012	0.026	ND	ND	ND	ND
Alkalinity, Total	mg/L	--	41.8	47.2	42.06	48.9	41.88	44.17	46.94	48.84
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	ND	ND	ND	ND	ND	ND	11	ND
Chloride	mg/L	250	150	--	140	168.4	168.88	--	172.44	193.06
Hardness	mg/L	--	337.98	279.88	287.21	353.51	218.9	272.5	271	6.8
Nitrate-N	mg/L	10	0.7	1.2	0.45	0.27	0.54	--	0.45	0.68
pH	SU	8.5	7.21	7.72	7.62	7.44	7.13	7.17	7.09	7.13
Specific Conductance	umhos/cm	--	613	602	643	670	661	648	750	821
Sulfate	mg/L	250	15	--	18	14.36	13.68	--	17.1	15.06
Total Dissolved Solids	mg/L	500	498	624	502	596	612	624	657	635
Turbidity	NTU	5	4	3	0.45	2.78	0.2	0.49	2.6	0.46

Location ID: MW-22

Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	12/9/2014	5/12/2015	11/17/2015	7/6/2016	11/3/2016	5/17/2017	10/26/2017	5/23/2018
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND R	0.03 R	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND R	ND R	ND	ND
Barium, Total	mg/L	2	0.02	0.02	0.01	0.02	0.03 R	0.03 R	0.02	0.03
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND R	ND R	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND R	ND R	ND	ND
Calcium, Total	mg/L	--	108.5	85.45	85.79	89.81	99.56 R	101.6 R	94.36	101
Chromium, Total	mg/L	0.1	0.04	ND	ND	ND	ND R	ND R	ND	ND
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND R	0.02 R	ND	ND
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND R	ND R	ND	ND
Iron, Total	mg/L	0.3	0.582	0.154	0.16	0.031	ND R	0.034 R	0.018	0.947
Lead, Total	mg/L	0.15	ND	ND	ND	0.002	ND R	ND R	ND	ND
Magnesium, Total	mg/L	--	13.53	12.87	22.47	25.3	24.3 R	24.02 R	21.15	9.858
Manganese, Total	mg/L	0.05	0.03	0.02	0.03	0.04	0.05 R	0.05 R	0.04	0.38
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND R	ND R	--	0.04205 R

Location ID: MW-22

Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	12/9/2014	5/12/2015	11/17/2015	7/6/2016	11/3/2016	5/17/2017	10/26/2017	5/23/2018
Nickel, Total	mg/L	0.1	0.015	ND	0.011	ND	ND R	ND R	ND	ND
Potassium, Total	mg/L	--	3.63	1.11	1.91	2.21	2.4 R	2.19 R	1.96	50.16
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND R	ND R	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND R	ND R	ND	ND
Sodium, Total	mg/L	--	14.62	13.01	7.7	8.04	6.24 R	9.49 R	6.38	283.8
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND R	ND R	ND	0.004 R
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND R	ND R	ND	ND
Zinc, Total	mg/L	5	0.03	0.01	ND	ND	ND R	ND R	ND	ND
Alkalinity, Total	mg/L	--	43.51	44.97	39.24	37.92	43.3	45.23	44.65	56.11
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	ND	ND	ND	ND	12	ND	ND	82
Chloride	mg/L	250	178.49	188.5	193.73	207.63	205.92	188.59	218.95	354.01
Hardness	mg/L	--	326.6	266.4	306.7	328.44	348.67	352.61	322.71	310
Nitrate-N	mg/L	10	0.47	0.7	0.38	ND	ND	0.15	ND	ND
pH	SU	8.5	7.72	7.21	7.06	8.17	8.39	7.69	8.09	8.04
Specific Conductance	umhos/cm	--	756	880	771	610	611	618	635	987
Sulfate	mg/L	250	16.27	16.14	25.49	18.87	18.44	17.55	18.54	16.02
Total Dissolved Solids	mg/L	500	455	629	627	676	584	709	553	827
Turbidity	NTU	5	1.38	1.19	1.12	0.29	0.43	0.14	0.1	0.79

Location ID: MW-22

Number of Sampling Dates: 35

Parameter Name	Units	Compliance Limit	7/9/2018	11/5/2018	7/10/2019	12/20/2019	6/3/2020	11/19/2020	5/2/2021	11/4/2021
Antimony, Total	mg/L	0.006	--	ND	ND U	0.00087 J	ND U	ND U	ND U	ND U
Arsenic, Total	mg/L	0.01	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Barium, Total	mg/L	2	--	0.02	0.023	0.021	0.025	0.024	0.025	0.026
Beryllium, Total	mg/L	0.004	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Cadmium, Total	mg/L	0.005	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Calcium, Total	mg/L	--	--	105.8	117	101	113	122	125	132
Chromium, Total	mg/L	0.1	--	ND	0.0018 J	0.0012 J	0.0097	ND U	0.0016 J	0.002 JB
Cobalt, Total	mg/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Copper, Total	mg/L	1.3	--	ND	ND U	ND U	0.002 J	ND U	ND U	ND U
Iron, Total	mg/L	0.3	--	0.127	0.074	0.084	0.23	0.099	0.038 J	0.057
Lead, Total	mg/L	0.15	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Magnesium, Total	mg/L	--	--	11.98	15.7	13.1	16.2	16.1	16.5	17.1
Manganese, Total	mg/L	0.05	--	0.07	0.055	0.052	0.057	0.051	0.01	0.061
Mercury, Total	mg/L	0.002	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Nickel, Total	mg/L	0.1	--	ND	ND U	ND U	0.0034 J	ND U	0.0037 J	0.002 J
Potassium, Total	mg/L	--	--	1.23	1.3	1.1	1.3	1.3	1.6	1.3
Selenium, Total	mg/L	0.05	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Silver, Total	mg/L	0.1	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Sodium, Total	mg/L	--	--	14	9.5	8.5	12.5	9.4	16.6	10.4
Thallium, Total	mg/L	0.002	ND	ND	ND U	ND U	ND U	ND U	ND U	ND U
Vanadium, Total	mg/L	--	--	ND	ND U	ND U	ND U	ND U	ND U	ND U
Zinc, Total	mg/L	5	--	ND	0.0043 J	ND U	0.0038 J	0.0026 J	0.0049 J	0.0021 JB
Alkalinity, Total	mg/L	--	--	45.3	43	48	50	45	67	46

Location ID: MW-22		Number of Sampling Dates: 35								
Parameter Name	Units	Compliance Limit	7/9/2018	11/5/2018	7/10/2019	12/20/2019	6/3/2020	11/19/2020	5/2/2021	11/4/2021
Ammonia-N	mg/L	--	--	ND	0.089 J	0.079 J	0.043 J	0.085 J	0.202	0.066 J
Chemical Oxygen Demand (COD)	mg/L	--	--	ND	ND U	ND U	ND U	15	6 J	ND U
Chloride	mg/L	250	--	246.62	232	210	229	265	288	274
Hardness	mg/L	--	--	313.5	356	307	395	377	367	366 B
Nitrate-N	mg/L	10	--	ND	ND U	ND U	0.2	ND U	ND U	ND U
pH	SU	8.5	--	8.57	8.36	8.67	8.03	7.99	8.01	8.1
Specific Conductance	umhos/cm	--	--	697	718	679	708	665	695	415
Sulfate	mg/L	250	--	17.22	22.3	20.5	20.2	21	21.2	21.1
Total Dissolved Solids	mg/L	500	--	586	845	558	710	662	1060	742
Turbidity	NTU	5	--	0.31	0.82	1.87	2.04	0.87	0.09	1

Location ID: MW-22		Number of Sampling Dates: 35			
Parameter Name	Units	Compliance Limit	6/1/2022	10/25/2022	4/20/2023
Antimony, Total	mg/L	0.006	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND
Barium, Total	mg/L	2	0.026	0.029	0.029
Beryllium, Total	mg/L	0.004	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND
Calcium, Total	mg/L	--	128	143	145
Chromium, Total	mg/L	0.1	ND	0.0087	0.0008 J
Cobalt, Total	mg/L	--	ND	ND	ND
Copper, Total	mg/L	1.3	ND	ND	ND
Iron, Total	mg/L	0.3	0.061	0.091	0.056
Lead, Total	mg/L	0.15	ND	0.00074 J	ND
Magnesium, Total	mg/L	--	17.9	18.8	17.7
Manganese, Total	mg/L	0.05	0.055	0.052	0.055
Mercury, Total	mg/L	0.002	ND	ND	ND
Nickel, Total	mg/L	0.1	ND	ND	ND
Potassium, Total	mg/L	--	1.3	1.4	1.3
Selenium, Total	mg/L	0.05	ND	ND	ND
Silver, Total	mg/L	0.1	ND	ND	ND
Sodium, Total	mg/L	--	9.6	10.1	9.5
Thallium, Total	mg/L	0.002	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND
Zinc, Total	mg/L	5	ND	0.0027 J	ND
Alkalinity, Total	mg/L	--	48	46	47
Ammonia-N	mg/L	--	ND	0.557	0.317
Chemical Oxygen Demand (COD)	mg/L	--	5 J	ND	41
Chloride	mg/L	250	306	120	300
Hardness	mg/L	--	439	436	435
Nitrate-N	mg/L	10	ND	ND	ND
pH	SU	8.5	7.98	8.52	8.01
Specific Conductance	umhos/cm	--	836	1134	714.21
Sulfate	mg/L	250	15.9	15.5	17.4
Total Dissolved Solids	mg/L	500	948	756	848

Location ID: MW-22						
Number of Sampling Dates: 35						
Parameter Name	Units	Compliance Limit	6/1/2022	10/25/2022	4/20/2023	
Turbidity	NTU	5	0.26	0.87	0	

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-23										
Number of Sampling Dates: 21										
Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/29/2014	12/11/2014	4/21/2015	10/27/2015	7/1/2016	10/27/2016
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	2	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-23

Number of Sampling Dates: 21

Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/29/2014	12/11/2014	4/21/2015	10/27/2015	7/1/2016	10/27/2016
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: MW-23

Number of Sampling Dates: 21

Parameter Name	Units	Compliance Limit	5/8/2017	10/20/2017	5/23/2018	11/9/2018	7/9/2019	12/13/2019	5/20/2020	11/16/2020
Acetone	ug/L	-	ND	ND	ND	ND	ND U	3.3 J	ND U	ND U
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	0.54 J
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	0.51 J	0.5 J	0.46 J	0.32 J
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-23

Number of Sampling Dates: 21

Parameter Name	Units	Compliance Limit	5/8/2017	10/20/2017	5/23/2018	11/9/2018	7/9/2019	12/13/2019	5/20/2020	11/16/2020
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND U	ND U	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND U	ND U	ND U	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
o-Xylene	ug/L	10000	-	-	-	-	-	-	ND U	ND U
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U
Chlorofom	ug/L	80	ND	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-23

Number of Sampling Dates: 21

Parameter Name	Units	Compliance Limit	5/18/2021	10/28/2021	5/25/2022	10/24/2022	4/21/2023			
Acetone	ug/L	-	ND U	ND U	ND	ND	ND			
Acrylonitrile	ug/L	-	ND U	ND U	ND	ND	ND			
Benzene	ug/L	5	ND U	ND U	ND	ND	ND			
Bromochloromethane	ug/L	-	ND U	ND U	ND	ND	ND			
Bromomethane	ug/L	-	ND U	ND U	ND	ND	0.41 J			
2-Butanone	ug/L	-	ND U	ND U	ND	ND	ND			
Carbon disulfide	ug/L	-	ND U	ND U	0.29 J	0.29 J	ND			
Carbon tetrachloride	ug/L	5	ND U	ND U	ND	ND	ND			
Chlorobenzene	ug/L	100	ND U	ND U	ND	ND	ND			
Chloroethane	ug/L	-	ND U	ND U	ND	ND	ND			
Chloromethane	ug/L	-	ND U	ND U	ND	0.86 J	ND			
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND	ND	ND			
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND	ND	ND			
Dibromomethane	ug/L	-	ND U	ND U	ND	ND	ND			
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND	ND	ND			

Location ID: MW-23

Number of Sampling Dates: 21

Parameter Name	Units	Compliance Limit	5/18/2021	10/28/2021	5/25/2022	10/24/2022	4/21/2023
1,4-Dichlorobenzene	ug/L	75	ND U	ND U	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	0.35 J	ND U	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND U	ND	1.8	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND	ND	ND
Bromofom	ug/L	80	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-23										
Number of Sampling Dates: 21										
Parameter Name	Units	Compliance Limit	5/31/2013	11/21/2013	5/29/2014	12/11/2014	4/21/2015	10/27/2015	7/1/2016	10/27/2016
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND R
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND R
Barium, Total	mg/L	2	0.147	0.13	0.01	0.06	0.05	0.04	0.01	0.01 R
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND R
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND R
Calcium, Total	mg/L	-	141.4	172.1	2.23	204.4	188.6	136.4	192.6	184.8 R
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	0.01	ND	ND R
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND R
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND	ND	ND	ND R
Iron, Total	mg/L	0.3	34.29	32.91	0.405	43.16	43.03	41.97	45.2	0.693 R
Lead, Total	mg/L	0.15	ND	ND	ND	ND	ND	ND	ND	ND R
Magnesium, Total	mg/L	-	60.06	57.62	0.808	64.55	63.79	89.73	128.3	135.1 R
Manganese, Total	mg/L	0.05	0.401	0.52	ND	0.54	0.57	0.44	0.62	0.23 R
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	0.00134	ND R
Nickel, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Potassium, Total	mg/L	-	4.259	4.73	ND	4.96	4.39	5.7	7.06	7.39 R
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND R
Silver, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND R
Sodium, Total	mg/L	-	208.3	149	3.09	268.6	235.7	153.1	198	193.4 R
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND R
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND R
Zinc, Total	mg/L	5	ND	0.01	ND	0.02	0.01	ND	ND	ND R
Alkalinity, Total	mg/L	-	72.27	63.7	76.42	106.73	113.73	105.47	134.06	112.75
Ammonia-N	mg/L	-	1.39	ND	ND	0.72	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	17	11	ND	20	16	ND	14	23
Chloride	mg/L	250	-	783.89	849.45	787.27	-	818.76	795.31	817.28
Hardness	mg/L	-	600.4	667	8.9	776.2	733.6	710.1	1009.26	1017.79
Nitrate-N	mg/L	10	3.4	2.6	2.52	2.35	-	1.9	ND	ND
pH	SU	8.5	5.8	5.75	5.65	5.82	5.78	5.79	6.32	6.47
Specific Conductance	umhos/cm	-	1977	2210	1920	1960	2400	2260	2120	2100
Sulfate	mg/L	250	-	6.2	12.47	8.06	-	7.84	7.64	4.26
Total Dissolved Solids	mg/L	500	2072	1543	1681	1683	1578	1818	1838	1943
Turbidity	NTU	5	4.99	4	4.01	2.96	11.51	3.47	7.83	1.47

Location ID: MW-23										
Number of Sampling Dates: 21										
Parameter Name	Units	Compliance Limit	5/8/2017	10/20/2017	5/23/2018	11/9/2018	7/9/2019	12/13/2019	5/20/2020	11/16/2020
Antimony, Total	mg/L	0.006	0.037 R	ND	ND	ND	ND U	ND U	ND U	ND U
Arsenic, Total	mg/L	0.01	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Barium, Total	mg/L	2	0.01 R	0.01	0.01	ND	0.014	0.015	0.014	0.012
Beryllium, Total	mg/L	0.004	ND R	ND	ND	ND	ND U	ND U	ND U	ND U

Location ID: MW-23
 Number of Sampling Dates: 21

Parameter Name	Units	Compliance Limit	5/8/2017	10/20/2017	5/23/2018	11/9/2018	7/9/2019	12/13/2019	5/20/2020	11/16/2020
Cadmium, Total	mg/L	0.005	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Calcium, Total	mg/L	–	180.9 R	208.3	140.8	167.5	181	163	166	159
Chromium, Total	mg/L	0.1	ND R	ND	ND	ND	0.0014 J	ND U	ND U	ND U
Cobalt, Total	mg/L	–	0.02 R	ND	ND	ND	ND U	ND U	ND U	ND U
Copper, Total	mg/L	1.3	ND R	ND	ND	ND	0.0025 J	ND U	ND U	ND U
Iron, Total	mg/L	0.3	51.47 R	59.13	68.88	46.68	84.5	95.1	103	87.8
Lead, Total	mg/L	0.15	ND R	ND	ND	ND	0.00099 J	ND U	ND U	ND U
Magnesium, Total	mg/L	–	114.2 R	122.4	59.16	52.77	67.6	56.5	60	60.5
Manganese, Total	mg/L	0.05	0.74 R	0.8	0.88	0.54	1	0.93	1.3	1.3
Mercury, Total	mg/L	0.002	ND R	ND	0.00102	0.00169	ND U	ND U	ND U	ND U
Nickel, Total	mg/L	0.1	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Potassium, Total	mg/L	–	6.88 R	7.51	3.32	3.1	4	3.4	3.6	3.7
Selenium, Total	mg/L	0.05	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Silver, Total	mg/L	0.1	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Sodium, Total	mg/L	–	198.9 R	161.6	176.4	182.8	199	203	218	222
Thallium, Total	mg/L	0.002	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Vanadium, Total	mg/L	–	ND R	ND	ND	ND	ND U	ND U	ND U	ND U
Zinc, Total	mg/L	5	0.01 R	ND	ND	ND	0.0034 J	0.002 J	0.002 J	ND U
Alkalinity, Total	mg/L	–	59.48	ND	121.47	145.74	164	103	126	143
Ammonia-N	mg/L	–	ND	ND	ND	ND	0.368	0.658	0.564	0.756
Chemical Oxygen Demand (COD)	mg/L	–	12	20	22	16	20	23	24	26
Chloride	mg/L	250	865.34	763.34	872.29	893.76	969	748	888	779
Hardness	mg/L	–	921.98	1024.17	595.2	635.6	731	641	716	680
Nitrate-N	mg/L	10	ND	ND	ND	ND	ND U	ND U	0.2	ND U
pH	SU	8.5	6.53	6.71	6.83	6.54	7.16	7.58	7.23	7.35
Specific Conductance	umhos/cm	–	2140	2260	2330	2190	2360	4490	2260	2180
Sulfate	mg/L	250	19.64	6.54	3.02	3.65	1.8 J	ND U	2	0.76 J
Total Dissolved Solids	mg/L	500	1872	1692	1688	1541	1960	1680	1740	1630
Turbidity	NTU	5	5.84	0.29	0.37	2.56	1.2	0.5	3.48	1.37

Location ID: MW-23
 Number of Sampling Dates: 21

Parameter Name	Units	Compliance Limit	5/18/2021	10/28/2021	5/25/2022	10/24/2022	4/21/2023
Antimony, Total	mg/L	0.006	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	ND U	0.0077	0.0092	0.0093 J	0.0082
Beryllium, Total	mg/L	0.004	ND U	ND U	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND U	ND U	ND	ND	ND
Calcium, Total	mg/L	–	159	151	149	161	150
Chromium, Total	mg/L	0.1	ND U	ND U	ND	ND	0.00086 J
Cobalt, Total	mg/L	–	ND U	ND U	ND	ND	ND
Copper, Total	mg/L	1.3	ND U	ND U	ND	ND	ND
Iron, Total	mg/L	0.3	96.9	53.9	81	73.3	65.3
Lead, Total	mg/L	0.15	ND U	ND U	ND	ND	ND
Magnesium, Total	mg/L	–	62.7	54	61.3	59.9	54.8

Location ID: MW-23

Number of Sampling Dates: 21

Parameter Name	Units	Compliance Limit	5/18/2021	10/28/2021	5/25/2022	10/24/2022	4/21/2023
Manganese, Total	mg/L	0.05	1.4	1.3	1.3	1.3	1.2
Mercury, Total	mg/L	0.002	ND U	ND U	ND	ND	ND
Nickel, Total	mg/L	0.1	ND U	ND U	ND	ND	ND
Potassium, Total	mg/L	-	3.9	3.5	3.5	3.7	3.5
Selenium, Total	mg/L	0.05	ND U	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	ND U	ND U	ND	ND	ND
Sodium, Total	mg/L	-	230	211	217	240	229
Thallium, Total	mg/L	0.002	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	-	ND U	ND U	ND	ND	ND
Zinc, Total	mg/L	5	ND U	ND U	ND	ND	ND
Alkalinity, Total	mg/L	-	127	100	113	107	124
Ammonia-N	mg/L	-	0.479	0.101 B	0.408	0.293	ND
Chemical Oxygen Demand (COD)	mg/L	-	61	6 JB	17	11 J	25
Chloride	mg/L	250	799	762	754	787	675
Hardness	mg/L	-	646	606	619	649	601
Nitrate-N	mg/L	10	ND U	ND U	ND	ND	ND
pH	SU	8.5	7.24	7.1	7.18	7.24	7.17
Specific Conductance	umhos/cm	-	2250	1534	2080	2606	1313.3
Sulfate	mg/L	250	0.54 J	1.1 J	ND	ND	ND
Total Dissolved Solids	mg/L	500	1960	1650	1930	1570	1670
Turbidity	NTU	5	1.06	1.49	1.92	14.38	91.22

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-24D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/2/2015	6/27/2016	10/18/2016	5/2/2017	10/16/2017	5/14/2018	10/22/2018	7/1/2019
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND U
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND U
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-24D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	11/2/2015	6/27/2016	10/18/2016	5/2/2017	10/16/2017	5/14/2018	10/22/2018	7/1/2019
Trichloroethene	ug/L	5	ND	ND	ND	ND	3.25	ND	ND	1
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND U
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-24D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Acetone	ug/L	--	4.1 J	ND U	ND U	ND U	ND U	ND	ND	ND
Acrylonitrile	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromochloromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	--	0.69 J	ND U	ND U	ND U	ND U	ND	ND	0.71 J
2-Butanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	--	ND U	ND U	ND U	0.55 JB	ND U	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-24D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Trans-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	--	ND U	ND U	ND U	0.63 JB	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	1	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-24D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/2/2015	6/27/2016	10/18/2016	5/2/2017	10/16/2017	5/14/2018	10/22/2018	7/1/2019
Antimony, Total	mg/L	0.006	ND	ND	0.006 R	ND U	ND	ND	ND	ND U
Arsenic, Total	mg/L	0.01	ND	ND	ND R	ND U	ND	ND	ND	ND U
Barium, Total	mg/L	2	ND	ND	ND R	0.0041 J	ND	ND	ND	ND U
Beryllium, Total	mg/L	0.004	ND	ND	ND R	ND U	ND	ND	ND	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND R	ND U	ND	ND	ND	ND U
Calcium, Total	mg/L	-	16.41	3.69	16.43 R	5.1	6.59	7.76	4.42	11.7
Chromium, Total	mg/L	0.1	ND	ND	ND R	0.0027	ND	ND	ND	0.0022
Cobalt, Total	mg/L	-	ND	ND	ND R	ND U	ND	ND	ND	ND U
Copper, Total	mg/L	1.3	0.06	ND	ND R	0.0019 J	ND	ND	ND	ND U
Iron, Total	mg/L	0.3	0.103	0.011	0.292 R	0.027 J	0.028	0.021	0.134	0.041 J
Lead, Total	mg/L	0.15	ND	ND	ND R	ND U	ND	ND	ND	ND U
Magnesium, Total	mg/L	-	8.174	3.734	5.808 R	1.8	3.54	1.894	1.32	5.4
Manganese, Total	mg/L	0.05	0.05	0.02	0.07 R	0.0088	0.02	ND	0.01	0.0062
Mercury, Total	mg/L	0.002	ND	ND	ND R	ND U	ND	ND	ND	ND U
Nickel, Total	mg/L	0.1	ND	ND	ND R	ND U	ND	ND	ND	ND U
Potassium, Total	mg/L	-	0.65	1.07	1.34 R	0.6	0.98	0.61	0.47	0.47
Selenium, Total	mg/L	0.05	ND	ND	ND R	ND U	ND	ND	ND	ND U
Silver, Total	mg/L	0.1	ND	ND	ND R	ND U	ND	ND	ND	ND U
Sodium, Total	mg/L	-	4.48	2.49	4.32 R	3	2.74	3.06	2.18	6.7
Thallium, Total	mg/L	0.002	ND	ND	ND R	ND U	ND	ND	ND	ND U
Vanadium, Total	mg/L	-	ND	ND	ND R	ND U	ND	ND	ND	ND U
Zinc, Total	mg/L	5	0.04	ND	ND R	0.0026 J	ND	0.01	ND	ND U
Alkalinity, Total	mg/L	-	55.67	20.7	30.99	27.4	19.44	25.08	15.46	68
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	12.2
Chemical Oxygen Demand (COD)	mg/L	-	ND	ND	ND	ND	12	ND	ND	ND U
Chloride	mg/L	250	3.04	1.25	1.43	1.22	1.18	1.02	1.19	2.9
Hardness	mg/L	-	74.6	24.6	64.94	30.13	31.03	27.19	16.48	51.3
Nitrate-N	mg/L	10	1.58	0.13	0.25	0.13	0.11	ND	0.14	1
pH	SU	8.5	7.14	6.03	6.43	5.62	5.95	5.78	5.85	7
Specific Conductance	umhos/cm	-	103.1	42.2	57.6	42.7	44.9	42.3	25.9	102.7
Sulfate	mg/L	250	3.03	3.68	2.95	3.69	3.45	3.74	4.4	3.1
Total Dissolved Solids	mg/L	500	85	50	43	36	11	49	43	153
Turbidity	NTU	5	3.19	0.58	0.08	0.06	0.68	0.19	1.79	0.37

Location ID: MW-24D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Antimony, Total	mg/L	0.006	ND U	ND U	0.00097 J	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	ND U	0.0065	ND U	0.0047 J	ND U	0.0052 J	ND	ND
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-24D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Cadmium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Calcium, Total	mg/L	–	11	5.7	11.6	5.9	6.6	5.4	12.5	7.3
Chromium, Total	mg/L	0.1	0.0041	0.0016 J	0.0012 J	0.0014 J	0.00098 J	0.0016 J	0.0018 J	0.0012 J
Cobalt, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Copper, Total	mg/L	1.3	0.0019 J	ND U	ND U	0.0033 J	0.0041 J	0.0021 J	ND	0.0037 J
Iron, Total	mg/L	0.3	0.19	0.11	0.051 J	0.023 J	0.045 JB	0.022 J	0.027 J	0.024 J
Lead, Total	mg/L	0.15	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Magnesium, Total	mg/L	–	4.9	2.4	5.6	2.5	2.7	2.1	5.6	2.8
Manganese, Total	mg/L	0.05	0.0081	0.017	0.0042 J	0.011	0.012	0.0091	0.0039 J	0.012
Mercury, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Nickel, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Potassium, Total	mg/L	–	0.46	0.67	0.49	0.7	0.6	0.63	0.49	0.6
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Sodium, Total	mg/L	–	6.6	3.7	6.9	3.1	3.2 B	2.9	7.1	3.3
Thallium, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Zinc, Total	mg/L	5	0.0049 J	0.003 J	0.002 J	0.0036 J	0.0058 B	ND	ND	0.0041 J
Alkalinity, Total	mg/L	–	64	32	59	56	34	26	63	32
Ammonia-N	mg/L	–	ND U	0.064 J	ND U	0.082 J	ND U	0.157	0.032 J	0.19
Chemical Oxygen Demand (COD)	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	10 J
Chloride	mg/L	250	2.9	3.1	3.1	2.2	3.2	1.4 J	2.3	1.7 J
Hardness	mg/L	–	56	24.6	55.3	22	27.2	22.5	54.2	29.7
Nitrate-N	mg/L	10	1	0.14 J	0.92	0.14 J	0.14 J	0.39 J	0.86 J	0.49 J
pH	SU	8.5	6.69	5.76	6.85	5.71	5.76	5.82	6.83	5.41
Specific Conductance	umhos/cm	–	94.5	53.3	83.1	34.1	25.8	49.1	173	68.46
Sulfate	mg/L	250	2.9	4.5	2.8	4.6	4.1	4	1.7 J	4.6
Total Dissolved Solids	mg/L	500	30	63	50	54	74	35	95	56
Turbidity	NTU	5	2.54	1.31	0.96	0.09	1.51	0.39	0	3.51

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-24S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/2/2015	6/27/2016	10/18/2016	5/2/2017	10/16/2017	5/14/2018	10/22/2018	7/1/2019
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND U
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-24S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	11/2/2015	6/27/2016	10/18/2016	5/2/2017	10/16/2017	5/14/2018	10/22/2018	7/1/2019
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND U
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-24S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Acetone	ug/L	--	4.5 J	ND U	ND U	4.2 J	ND U	ND	ND	ND
Acrylonitrile	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromochloromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	--	0.81 J	ND U	ND U	ND U	ND U	ND	ND	0.7 J
2-Butanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	--	ND U	ND U	ND U	0.67 JB	ND U	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-24S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Trans-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND U	ND U	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	--	ND U	ND U	ND U	1.6 B	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-24S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/2/2015	6/27/2016	10/18/2016	5/2/2017	10/16/2017	5/14/2018	10/22/2018	7/1/2019
Antimony, Total	mg/L	0.006	ND	ND	0.008 R	ND U	ND	ND	ND	ND U
Arsenic, Total	mg/L	0.01	ND	ND	ND R	ND U	ND	ND	ND	ND U
Barium, Total	mg/L	2	ND	ND	ND R	0.0021 J	ND	ND	ND	ND U
Beryllium, Total	mg/L	0.004	ND	ND	ND R	ND U	ND	ND	ND	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND R	ND U	ND	ND	ND	ND U
Calcium, Total	mg/L	-	11.87	8.8	14.42 R	8.4	8.38	11.8	7.62	8.2
Chromium, Total	mg/L	0.1	ND	ND	ND R	0.0024	ND	ND	ND	0.0034
Cobalt, Total	mg/L	-	ND	ND	ND R	ND U	ND	ND	ND	ND U
Copper, Total	mg/L	1.3	0.3	ND	ND R	ND U	ND	ND	ND	0.0021 J
Iron, Total	mg/L	0.3	0.083	0.04	0.008 R	1.2	0.022	0.008	0.005	ND U
Lead, Total	mg/L	0.15	ND	ND	ND R	ND U	0.015	ND	ND	ND U
Magnesium, Total	mg/L	-	4.756	5.569	4.823 R	2.9	4.971	2.819	2.493	3
Manganese, Total	mg/L	0.05	0.22	0.07	0.03 R	0.2	0.01	ND	ND	0.0046 J
Mercury, Total	mg/L	0.002	ND	ND	ND R	ND U	ND	ND	ND	ND U
Nickel, Total	mg/L	0.1	ND	ND	ND R	0.002 J	ND	ND	ND	ND U
Potassium, Total	mg/L	-	0.84	1.13	1.24 R	0.58	0.91	0.58	0.48	0.6
Selenium, Total	mg/L	0.05	ND	ND	ND R	ND U	ND	ND	ND	ND U
Silver, Total	mg/L	0.1	ND	ND	ND R	ND U	ND	ND	ND	ND U
Sodium, Total	mg/L	-	3.58	4.36	2.94 R	4.9	4.38	5.17	4.39	5.2
Thallium, Total	mg/L	0.002	ND	ND	ND R	ND U	ND	ND	ND	ND U
Vanadium, Total	mg/L	-	ND	ND	ND R	ND U	ND	ND	ND	ND U
Zinc, Total	mg/L	5	0.01	ND	ND R	ND U	ND	ND	ND	ND U
Alkalinity, Total	mg/L	-	32.04	42.89	35.71	44.23	35.45	34.62	37.52	39
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	0.088 J
Chemical Oxygen Demand (COD)	mg/L	-	ND	ND	ND	ND	11	ND	ND	ND U
Chloride	mg/L	250	1.85	1.75	1.78	1.85	1.66	1.37	1.6	2 J
Hardness	mg/L	-	49.2	44.92	55.87	45.32	41.39	41.07	29.3	32.9
Nitrate-N	mg/L	10	0.31	0.32	0.34	0.15	0.27	0.18	0.22	0.2
pH	SU	8.5	6.55	6.28	6.46	6.26	6.22	6.36	6.26	6.33
Specific Conductance	umhos/cm	-	61.8	59.3	62.5	92.3	59	60.7	48.4	67.7
Sulfate	mg/L	250	1.18	1.24	1.12	1.7	1.24	1.57	1.89	1.9 J
Total Dissolved Solids	mg/L	500	66	60	45	ND	41	75	75	87
Turbidity	NTU	5	9.4	0.6	7.15	1.29	0.11	0.08	0.14	0.29

Location ID: MW-24S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Antimony, Total	mg/L	0.006	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	0.002 J	ND U	ND U	ND U	ND U	ND	0.0024 J	ND
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-24S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Cadmium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Calcium, Total	mg/L	–	7.3	9.9	7.4	8.3	7.9	9.4	8.9	8.1
Chromium, Total	mg/L	0.1	0.0017 J	0.00095 J	0.0015 J	0.0016 J	0.00083 J	ND	0.0015 J	0.0012 J
Cobalt, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Copper, Total	mg/L	1.3	ND U	ND U	ND U	0.0023 J	ND U	ND	0.0035 J	ND
Iron, Total	mg/L	0.3	0.029 J	0.031 J	0.02 J	0.02 J	ND U	ND	0.023 J	ND
Lead, Total	mg/L	0.15	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Magnesium, Total	mg/L	–	2.9	3.9	3	3.2	3.2	3.7	3.6	3.1
Manganese, Total	mg/L	0.05	0.004 J	0.0057	0.0029 J	0.0024 J	ND U	0.0033 J	0.006	ND
Mercury, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Nickel, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Potassium, Total	mg/L	–	0.57	0.59	0.6	0.58	0.58	0.6	0.62	0.62
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Sodium, Total	mg/L	–	5	6.1	4.8	5.3	5.2	5.5	5.1	5.1
Thallium, Total	mg/L	0.002	0.00077 J	ND U	ND U	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Zinc, Total	mg/L	5	ND U	ND U	ND U	0.0037 J	ND U	0.0021 J	0.0028 J	ND
Alkalinity, Total	mg/L	–	47	56	40	29	48	51	46	40
Ammonia-N	mg/L	–	0.06 J	0.109	ND U	0.084 J	ND U	0.149	0.059 J	0.12
Chemical Oxygen Demand (COD)	mg/L	–	ND U	ND U	ND U	13 J	ND U	ND	ND	ND
Chloride	mg/L	250	1.8 J	2.2	2.2	2.3	2.2	1.6 J	1.7 J	1.7 J
Hardness	mg/L	–	38	43.5	33.1	31.4	31.5	38.7	36.8	32.9
Nitrate-N	mg/L	10	0.22	0.18 J	0.24	0.22	0.2	0.38 J	0.37 J	0.28 J
pH	SU	8.5	5.96	6.05	6.07	6.03	6.02	6.12	6.36	6.11
Specific Conductance	umhos/cm	–	63.4	86.5	54.1	46.8	30.9	83.3	140	75.38
Sulfate	mg/L	250	1.8 J	2.2	1.6 J	2.2	1.7 J	1.8 J	ND	2
Total Dissolved Solids	mg/L	500	ND U	75	65	164	72	53	67	65
Turbidity	NTU	5	0.66	0.94	0.69	0.14	0.8	0.09	0	3.58

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-25D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/3/2015	6/27/2016	10/17/2016	5/2/2017	10/17/2017	5/14/2018	10/22/2018	7/1/2019
Acetone	ug/L	--	--	ND	ND	ND	ND	ND	ND	4.8 JB
Acrylonitrile	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Benzene	ug/L	5	--	ND	ND	ND	ND	ND	ND	ND U
Bromochloromethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Bromomethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
2-Butanone	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Carbon disulfide	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Carbon tetrachloride	ug/L	5	--	ND	ND	ND	ND	ND	ND	ND U
Chlorobenzene	ug/L	100	--	ND	ND	ND	ND	ND	ND	ND U
Chloroethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Chloromethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	--	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromoethane	ug/L	0.05	--	ND	ND	ND	ND	ND	ND	ND U
Dibromomethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichlorobenzene	ug/L	600	--	ND	ND	ND	ND	ND	ND	ND U
1,4-Dichlorobenzene	ug/L	75	--	ND	ND	ND	ND	ND	ND	ND U
Trans-1,4-dichloro-2-butene	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloroethane	ug/L	5	--	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethene	ug/L	7	--	ND	ND	ND	ND	ND	ND	ND U
Cis-1,2-Dichloroethene	ug/L	70	--	ND	ND	ND	ND	ND	ND	0.83 J
Trans-1,2-Dichloroethene	ug/L	100	--	ND	ND	ND	ND	ND	ND	ND U
Methylene chloride	ug/L	5	--	ND	ND	ND	ND	ND	ND	ND U
Methyl t-Butyl Ether	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloropropane	ug/L	5	--	ND	ND	ND	ND	ND	ND	ND U
Trans-1,3-Dichloropropene	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Cis-1,3-Dichloropropene	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Ethylbenzene	ug/L	700	--	ND	ND	ND	ND	ND	ND	ND U
2-Hexanone	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Iodomethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Styrene	ug/L	100	--	ND	ND	ND	ND	ND	ND	ND U
1,1,1,2-Tetrachloroethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
1,1,2,2-Tetrachloroethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Tetrachloroethene	ug/L	5	--	ND	ND	ND	ND	ND	ND	ND U
Toluene	ug/L	1000	--	ND	ND	ND	ND	ND	ND	ND U
1,1,1-Trichloroethane	ug/L	200	--	ND	ND	ND	ND	ND	ND	ND U
1,1,2-Trichloroethane	ug/L	5	--	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-25D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	11/3/2015	6/27/2016	10/17/2016	5/2/2017	10/17/2017	5/14/2018	10/22/2018	7/1/2019
Trichloroethene	ug/L	5	--	ND	ND	ND	ND	ND	ND	ND U
Trichlorofluoromethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
1,2,3-Trichloropropane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Vinyl acetate	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND U
Vinyl chloride	ug/L	2	--	ND	ND	ND	ND	ND	ND	ND U
Total Xylenes	ug/L	10000	--	ND	ND	ND	ND	ND	ND	ND U
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	--	ND	ND	ND	ND	ND	ND	ND U
Chlorodibromomethane	ug/L	80	--	ND	ND	ND	ND	ND	ND	ND U
Bromoform	ug/L	80	--	ND	ND	ND	ND	ND	ND	ND U
Chloroform	ug/L	80	--	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-25D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Acetone	ug/L	--	5 J	ND U	ND U	3.2 J	ND U	ND	ND	ND
Acrylonitrile	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromochloromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	--	0.69 J	ND U	ND U	ND U	ND U	ND	ND	ND
2-Butanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	--	ND U	ND U	ND U	0.42 JB	ND U	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	--	ND U	ND U	ND U	0.48 J	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	1.1	1.1	0.92 J	0.86 J	0.75 J	0.65 J	0.71 J	0.59 J
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-25D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Trans-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	--	ND U	ND U	ND U	1.6 B	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-25D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/3/2015	6/27/2016	10/17/2016	5/2/2017	10/17/2017	5/14/2018	10/22/2018	7/1/2019
Antimony, Total	mg/L	0.006	ND	ND	0.003 R	ND U	ND	ND	ND	ND U
Arsenic, Total	mg/L	0.01	ND	ND	ND R	ND U	ND	ND	ND	ND U
Barium, Total	mg/L	2	0.12	0.01	0.02 R	0.014	0.01	0.02	0.02	0.03
Beryllium, Total	mg/L	0.004	ND	ND	ND R	ND U	ND	ND	ND	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND R	ND U	ND	ND	ND	ND U
Calcium, Total	mg/L	-	209.5	77.59	75.82 R	55.3	54.31	90.41	68.91	107
Chromium, Total	mg/L	0.1	ND	ND	ND R	0.00082 J	ND	ND	ND	0.0016 J
Cobalt, Total	mg/L	-	ND	ND	ND R	ND U	ND	ND	ND	ND U
Copper, Total	mg/L	1.3	0.05	ND	ND R	ND U	ND	ND	ND	ND U
Iron, Total	mg/L	0.3	2.377	45.48	43.86 R	31.1	24.63	8.516	9.357	1.1
Lead, Total	mg/L	0.15	0.002	ND	ND R	ND U	ND	ND	ND	ND U
Magnesium, Total	mg/L	-	133.2	42.05	46.22 R	16.3	29.55	22.24	16.83	32.6
Manganese, Total	mg/L	0.05	0.53	0.6	0.63 R	0.54	0.45	0.56	0.44	0.6
Mercury, Total	mg/L	0.002	ND	0.00424	ND R	ND U	ND	ND	ND	ND U
Nickel, Total	mg/L	0.1	ND	ND	ND R	ND U	ND	ND	ND	0.0021 J
Potassium, Total	mg/L	-	9.07	4.52	5.47 R	1.9	3.57	2.58	2.1	3.5
Selenium, Total	mg/L	0.05	ND	ND	ND R	ND U	ND	ND	ND	ND U
Silver, Total	mg/L	0.1	ND	ND	ND R	ND U	ND	ND	ND	ND U
Sodium, Total	mg/L	-	132.2	85.22	89.35 R	66.5	51.79	111.4	92.28	121
Thallium, Total	mg/L	0.002	ND	ND	ND R	ND U	ND	ND	ND	ND U
Vanadium, Total	mg/L	-	ND	ND	ND R	ND U	ND	ND	ND	ND U
Zinc, Total	mg/L	5	0.31	ND	ND R	0.003 J	ND	0.03	ND	0.011
Alkalinity, Total	mg/L	-	-	89.34	96.49	105.05	89.41	94.72	110.25	116
Ammonia-N	mg/L	-	-	ND	ND	ND	ND	ND	ND	0.157
Chemical Oxygen Demand (COD)	mg/L	-	-	15	10	ND	ND	ND	ND	ND U
Chloride	mg/L	250	-	241.4	309.29	183.32	191.13	285.98	293.12	425
Hardness	mg/L	-	-	366.9	379.66	240.69	257.3	317.34	241.37	402
Nitrate-N	mg/L	10	-	ND	ND	ND	ND	0.22	ND	0.14 J
pH	SU	8.5	-	7.34	7.27	7.14	7.16	6.6	6.76	6.58
Specific Conductance	umhos/cm	-	-	851	967	675	688	877	673	1260
Sulfate	mg/L	250	-	2.33	15.67	6.19	2.58	9.57	6.89	13.1
Total Dissolved Solids	mg/L	500	-	634	714	470	472	788	694	1300
Turbidity	NTU	5	21.8	9.81	3.5	0.74	0.79	9.69	3.76	8.29

Location ID: MW-25D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Antimony, Total	mg/L	0.006	ND U	0.0011 J	ND U	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	0.036	0.015	0.011	0.014	0.017	0.012	0.017	0.012
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-25D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Cadmium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Calcium, Total	mg/L	–	108	48.7	41.9	50.4	60.9	55.1	63.3	51.9
Chromium, Total	mg/L	0.1	0.0011 J	ND U	ND U	ND U	ND U	ND	0.001 J	0.001 J
Cobalt, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Copper, Total	mg/L	1.3	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iron, Total	mg/L	0.3	0.69	20.5	16.7	9	11.7	11.1	10.9	13.7
Lead, Total	mg/L	0.15	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Magnesium, Total	mg/L	–	33	13.7	13.4	15.2	16.8	17.2	17.6	14.8
Manganese, Total	mg/L	0.05	0.78	0.39	0.39	0.34	0.47	0.33	0.52	0.42
Mercury, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Nickel, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Potassium, Total	mg/L	–	3.8	2	2	2.2	2.5	2.2	2.4	2
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Sodium, Total	mg/L	–	137	70.2	84.8	87.5	88	105	99.7	92.2
Thallium, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Zinc, Total	mg/L	5	0.013	0.0054 J	0.0021 J	0.0037 J	0.0051 JB	ND	0.0034 J	0.0023 J
Alkalinity, Total	mg/L	–	152	133	121	73	135	103	129	109
Ammonia-N	mg/L	–	0.414	0.114	ND U	0.267	ND U	0.066 J	ND	ND
Chemical Oxygen Demand (COD)	mg/L	–	ND U	9	5 J	6 J	ND U	ND	ND	76
Chloride	mg/L	250	811	144	170	218	252	275	215	194
Hardness	mg/L	–	486	195	174	186	222	206	230	191
Nitrate-N	mg/L	10	ND U	0.2	ND U	0.12 J	ND U	ND	ND	ND
pH	SU	8.5	6.75	6.85	6.94	6.64	6.67	6.5	6.96	6.67
Specific Conductance	umhos/cm	–	1322	652	539	484	378	801	1073	758.67
Sulfate	mg/L	250	15.5	3.6	5.3	7.4	6.8	5.5	5.9	4.3
Total Dissolved Solids	mg/L	500	902	368	328	570	554	636	552	490
Turbidity	NTU	5	2.16	6.26	2.39	11.4	1.74	12	0	3.68

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-25S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/3/2015	6/27/2016	10/17/2016	5/2/2017	10/17/2017	5/14/2018	10/22/2018	7/1/2019
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND U
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND U
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	0.46 J
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-25S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	11/3/2015	6/27/2016	10/17/2016	5/2/2017	10/17/2017	5/14/2018	10/22/2018	7/1/2019
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND U
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-25S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Acetone	ug/L	--	4 J	ND U	ND U	ND U	ND U	ND	ND	ND
Acrylonitrile	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromochloromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	--	0.63 J	ND U	ND U	ND U	ND U	ND	ND	0.67 J
2-Butanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	--	ND U	ND U	ND U	0.43 JB	ND U	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	--	ND U	ND U	ND U	0.47 J	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	0.42 J	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-25S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Trans-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	--	ND U	ND U	ND U	1.5 B	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	0.36 J	0.4 J	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-25S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/3/2015	6/27/2016	10/17/2016	5/2/2017	10/17/2017	5/14/2018	10/22/2018	7/1/2019
Antimony, Total	mg/L	0.006	ND	ND	0.006 R	ND U	ND	ND	ND	ND U
Arsenic, Total	mg/L	0.01	ND	ND	ND R	ND U	ND	ND	0.002	ND U
Barium, Total	mg/L	2	0.36	0.8	1.06 R	0.88	0.7	0.95	0.75	0.86
Beryllium, Total	mg/L	0.004	ND	ND	ND R	ND U	ND	ND	ND	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND R	0.00061 J	ND	ND	ND	0.00057 J
Calcium, Total	mg/L	-	183.5	316.3	286.2 R	317	287.1	326.8	242	261
Chromium, Total	mg/L	0.1	ND	ND	ND R	0.0034	ND	ND	ND	0.0039
Cobalt, Total	mg/L	-	ND	ND	ND R	0.002 J	ND	0.24	0.37	0.0053 J
Copper, Total	mg/L	1.3	ND	ND	ND R	0.0031 J	ND	0.19	0.21	0.005 J
Iron, Total	mg/L	0.3	0.029	0.019	0.038 R	0.042 J	0.032	1.351	1.001	0.15
Lead, Total	mg/L	0.15	ND	ND	ND R	ND U	ND	0.044	0.025	ND U
Magnesium, Total	mg/L	-	156.5	238.6	262.8 R	138	171.8	122.5	93.8	140
Manganese, Total	mg/L	0.05	0.81	0.89	0.73 R	0.63	0.4	0.42	0.24	0.21
Mercury, Total	mg/L	0.002	ND	0.00133	ND R	0.00027 J	0.00122	0.00147	0.00157	0.00045 J
Nickel, Total	mg/L	0.1	ND	0.012	0.012 R	0.016	0.016	0.017	0.011	0.015
Potassium, Total	mg/L	-	5	7.78	8.27 R	5	7.31	4.36	3.41	4.2
Selenium, Total	mg/L	0.05	ND	ND	ND R	ND U	ND	ND	ND	ND U
Silver, Total	mg/L	0.1	ND	ND	ND R	0.0022 J	ND	ND	ND	0.0043
Sodium, Total	mg/L	-	27.09	42.26	44.92 R	61.6	42.83	67.86	59.89	86.7
Thallium, Total	mg/L	0.002	ND	ND	ND R	ND U	ND	ND	ND	ND U
Vanadium, Total	mg/L	-	ND	ND	ND R	ND U	ND	ND	ND	ND U
Zinc, Total	mg/L	5	0.01	0.02	0.02 R	0.033	0.02	0.07	0.05	0.033
Alkalinity, Total	mg/L	-	55.4	33.14	28.8	21.07	30.41	23.44	13.59	24
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	0.161
Chemical Oxygen Demand (COD)	mg/L	-	ND	14	24	ND	10	12	ND	ND U
Chloride	mg/L	250	696.5	892.14	993.34	1062.68	1015.42	994.47	986.59	1100
Hardness	mg/L	-	1102.7	1772.36	1796.85	1532.87	1424.36	1320.47	990.54	1230
Nitrate-N	mg/L	10	0.68	1.48	1.33	2.43	1.88	1.95	1.37	1.9
pH	SU	8.5	6.05	5.78	5.64	5.57	5.54	5.57	5.47	5.43
Specific Conductance	umhos/cm	-	1895	2370	2480	2540	2500	2450	1842	2530
Sulfate	mg/L	250	4.76	12.12	3.21	12.35	5.54	8.54	4.79	2.7
Total Dissolved Solids	mg/L	500	2061	2068	2031	1835	2013	3196	2039	2890
Turbidity	NTU	5	6.14	0.43	ND	0.07	0.31	0.98	2.76	0.95

Location ID: MW-25S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Antimony, Total	mg/L	0.006	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	0.85	1.1	1.1	1.4	1.4	1.6	0.037	1.6
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-25S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/19/2020	11/9/2020	5/12/2021	10/26/2021	5/17/2022	10/17/2022	4/17/2023
Cadmium, Total	mg/L	0.005	0.00053 J	0.00064 J	0.00065 J	0.00084 J	0.00076 J	0.0011 J	ND	0.00095 J
Calcium, Total	mg/L	–	309	287	291	323	314	354	58.1	378
Chromium, Total	mg/L	0.1	0.0039	0.0038	ND U	ND U	ND U	ND	0.0069	0.0046
Cobalt, Total	mg/L	–	ND U	ND U	ND U	ND U	0.004 J	0.012	ND	ND
Copper, Total	mg/L	1.3	0.0021 J	0.0021 J	0.0023 J	0.0029 J	0.0048 J	0.0048 J	0.0041 J	0.0025 J
Iron, Total	mg/L	0.3	0.028 J	0.057	0.048 J	ND U	0.021 JB	0.034 J	0.15	0.078
Lead, Total	mg/L	0.15	ND U	ND U	ND U	0.00093 J	0.0014 J	0.0012 J	ND	0.00093 J
Magnesium, Total	mg/L	–	104	116	132	143	138	155	20	160
Manganese, Total	mg/L	0.05	0.19	0.2	0.2	0.2	0.2	0.22	0.049	0.23
Mercury, Total	mg/L	0.002	ND U	0.00022 J	0.0002 J	0.00025 J	0.00023 J	0.00027 J	0.00018 J	0.0002 J
Nickel, Total	mg/L	0.1	0.013	0.015	0.015	0.017	0.017	0.02	0.0055 J	0.018
Potassium, Total	mg/L	–	4.1	4.5	4.9	5.5	5.4	5.3	3.6	5.7
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	0.0032	0.0042	0.005	0.0077	0.0062	0.0098	ND	0.011
Sodium, Total	mg/L	–	99.3	124	143	168	182	216	362	253
Thallium, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Zinc, Total	mg/L	5	0.033	0.037	0.038	0.05	0.046	0.057	0.0041 J	0.05
Alkalinity, Total	mg/L	–	27	25	24	147	29	25	24	25
Ammonia-N	mg/L	–	ND U	0.085 J	ND U	ND U	ND U	0.063 J	ND	ND
Chemical Oxygen Demand (COD)	mg/L	–	10 J	67	ND U	13 J	ND U	14 J	9 J	72
Chloride	mg/L	250	955	1190	1170	1390	1280	1650	1390	1480
Hardness	mg/L	–	1170	1200	1250	1440	1390	1460	227	1600
Nitrate-N	mg/L	10	1.5	1.2	1.3	1.7	2	1.4	1.5 J	1.6 J
pH	SU	8.5	5.55	5.33	5.31	5.3	5.27	5.24	5.57	5.18
Specific Conductance	umhos/cm	–	2.4	2750	2350	2300	1755	3580	4084	3042.1
Sulfate	mg/L	250	3.1	2.8	3.2	3.4	4.1	3.3	ND	4.4 J
Total Dissolved Solids	mg/L	500	1920	2400	2410	4180	2480	3160	2950	3190
Turbidity	NTU	5	0.33	0.98	0.71	0.12	1.23	0.27	0	6.58

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-26S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/4/2015	6/27/2016	10/17/2016	5/4/2017	10/16/2017	5/21/2018	10/30/2018	7/8/2019
Acetone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	3.5 JB
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Bromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
2-Butanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Chloromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND U
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND U
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Iodomethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-26S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	11/4/2015	6/27/2016	10/17/2016	5/4/2017	10/16/2017	5/21/2018	10/30/2018	7/8/2019
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND U
mp-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
o-Xylene	ug/L	10000	--	--	--	--	--	--	--	--
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-26S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/21/2020	11/9/2020	5/17/2021	10/26/2021	5/18/2022	10/17/2022	4/18/2023
Acetone	ug/L	--	3.3 J	ND U	ND U	ND U	ND U	ND	ND	ND
Acrylonitrile	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	0.42 J	ND U	0.66 J	ND U	ND U	ND	ND	ND
Bromochloromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	--	0.55 J	ND U	ND U	ND U	ND U	ND	ND	ND
2-Butanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	2.1	0.71 J	2.5	ND U	ND U	ND	ND	0.36 J
Trans-1,4-dichloro-2-butene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	1.1	ND U	1.2	ND U	ND U	ND	ND	0.36 J
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND U	ND U	0.34 J	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-26S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/21/2020	11/9/2020	5/17/2021	10/26/2021	5/18/2022	10/17/2022	4/18/2023
Trans-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	0.59 J	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	--	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	--	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-26S		Number of Sampling Dates: 16								
Parameter Name	Units	Compliance Limit	11/4/2015	6/27/2016	10/17/2016	5/4/2017	10/16/2017	5/21/2018	10/30/2018	7/8/2019
Antimony, Total	mg/L	0.006	ND	ND	0.003 R	ND U	ND	ND	ND	ND U
Arsenic, Total	mg/L	0.01	ND	ND	ND R	ND U	ND	0.01	0.009	ND U
Barium, Total	mg/L	2	0.05	0.11	0.14 R	0.1	0.09	0.09	0.07	0.065
Beryllium, Total	mg/L	0.004	ND	ND	ND R	ND U	ND	ND	ND	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND R	ND U	ND	ND	ND	ND U
Calcium, Total	mg/L	-	113	203.9	185 R	211	205.4	102.5	136.6	109
Chromium, Total	mg/L	0.1	ND	ND	ND R	0.0021 J	0.02	0.04	0.02	0.071
Cobalt, Total	mg/L	-	ND	ND	ND R	ND U	ND	1.16	1.21	0.14
Copper, Total	mg/L	1.3	ND	ND	ND R	0.011	ND	1.62	1.22	0.18
Iron, Total	mg/L	0.3	0.932	0.823	4.909 R	1.1	0.8	3.702	2.314	3.3
Lead, Total	mg/L	0.15	ND	0.002	0.002 R	ND U	ND	0.1	0.039	0.0049
Magnesium, Total	mg/L	-	66.59	116.8	133.5 R	69.8	114.4	53.11	40.49	39.1
Manganese, Total	mg/L	0.05	0.98	0.31	0.82 R	0.76	0.22	0.17	0.09	0.19
Mercury, Total	mg/L	0.002	ND	0.00084	ND R	ND U	ND	0.00079	0.00084	ND U
Nickel, Total	mg/L	0.1	ND	ND	ND R	0.003 J	0.013	0.028	0.038	0.029
Potassium, Total	mg/L	-	8.11	8.86	10.22 R	5.4	8.72	3.4	3.28	3.6
Selenium, Total	mg/L	0.05	ND	ND	ND R	ND U	ND	ND	ND	ND U
Silver, Total	mg/L	0.1	ND	ND	ND R	ND U	ND	ND	ND	0.003
Sodium, Total	mg/L	-	368.3	565.7	560.6 R	540	407.5	412.6	411.4	496
Thallium, Total	mg/L	0.002	ND	ND	ND R	ND U	ND	ND	ND	ND U
Vanadium, Total	mg/L	-	ND	ND	ND R	ND U	ND	ND	ND	ND U
Zinc, Total	mg/L	5	ND	ND	ND R	0.006	ND	0.13	0.07	0.016
Alkalinity, Total	mg/L	-	145.25	120.13	121.88	141.69	129.59	123.57	135.13	137
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	0.119
Chemical Oxygen Demand (COD)	mg/L	-	ND	15	13	ND	ND	13	ND	12 J
Chloride	mg/L	250	983.94	1247.48	1445.32	1599.84	1253.64	1124.49	1047.55	1010
Hardness	mg/L	-	556.4	990.12	1011.7	952.93	983.98	219.02	507.8	434
Nitrate-N	mg/L	10	0.31	0.54	0.29	1.31	0.64	1.22	1.14	0.78
pH	SU	8.5	6.2	6	6.09	6.08	6.02	6.05	6.08	6.26
Specific Conductance	umhos/cm	-	2550 ?mhos/cm	3220 ?mhos/cm	3580 ?mhos/cm	3180 ?mhos/cm	2980 ?mhos/cm	2780 ?mhos/cm	2770 ?mhos/cm	2450 ?mhos/cm
Sulfate	mg/L	250	45.9	34.68	36.79	65.51	44.09	47.29	48.8	49.2
Total Dissolved Solids	mg/L	500	1960	2749	2814	2772	2274	2149	2213	1760
Turbidity	NTU	5	7.44	3.63	0.92	3.94	0.51	10.34	7.41	11.55

Location ID: MW-26S		Number of Sampling Dates: 16								
Parameter Name	Units	Compliance Limit	12/5/2019	5/21/2020	11/9/2020	5/17/2021	10/26/2021	5/18/2022	10/17/2022	4/18/2023
Antimony, Total	mg/L	0.006	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	0.05	0.053	0.047	0.041	0.036	0.04	1.7	0.045
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND U	ND	0.00099 J	ND
Calcium, Total	mg/L	-	74	82.4	73.6	61.8	59.8	60.7	370	75.8
Chromium, Total	mg/L	0.1	0.0095	0.0072	0.0054	0.0045	0.012	0.0023	0.02	0.004
Cobalt, Total	mg/L	-	ND U	ND U	ND U	ND U	ND U	ND	0.0031 J	0.0025 J
Copper, Total	mg/L	1.3	0.012	0.01	0.0068	0.0046 J	0.0078	0.0056 J	0.02	0.0041 J
Iron, Total	mg/L	0.3	0.29	0.31	0.31	0.071	0.78	0.029 J	0.31	0.083
Lead, Total	mg/L	0.15	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Magnesium, Total	mg/L	-	27.4	27.7	24.7	21.4	19.6	20.8	154	25.4
Manganese, Total	mg/L	0.05	0.068	0.08	0.07	0.047	0.055	0.048	0.23	0.048
Mercury, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Nickel, Total	mg/L	0.1	0.0094	0.0061	0.0098	0.0041 J	0.0039 J	0.0052 J	0.033	0.0022 J
Potassium, Total	mg/L	-	2.8	2.8	3.1	3.7	2.8	2.3	5.6	2.8
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-26S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/5/2019	5/21/2020	11/9/2020	5/17/2021	10/26/2021	5/18/2022	10/17/2022	4/18/2023
Silver, Total	mg/L	0.1	ND U	0.00091 J	ND U	ND U	0.00076 J	ND	0.014	ND
Sodium, Total	mg/L	-	416	435	401	370	336	400	232	441
Thallium, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Zinc, Total	mg/L	5	0.006	0.0053 J	0.0054 J	0.0048 J	0.0061 B	0.013	0.051	0.0052 J
Alkalinity, Total	mg/L	-	144	141	145	181	159	144	146	140
Ammonia-N	mg/L	-	ND U	0.1	ND U	0.156	ND U	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	8 J	15	ND U	11 J	ND U	8 J	15	53
Chloride	mg/L	250	697	852	683	643	565	663	560	734
Hardness	mg/L	-	354	339	311	232	240	244	1480	294
Nitrate-N	mg/L	10	0.58	1.1	0.78	0.86	0.92	1	1.1 J	1.3 J
pH	SU	8.5	6.03	6.06	5.93	6.18	6.06	6.08	6.17	6.02
Specific Conductance	umhos/cm	-	1904 ?mhos/cm	2.14 ?mhos/cm	1553 ?mhos/cm	1036 ?mhos/cm	889 ?mhos/cm	6.1	2151	2047.3
Sulfate	mg/L	250	43.6	49.3	40.5	43.8	45.8	45	39.8	42.5
Total Dissolved Solids	mg/L	500	1330	1610	1250	1280	1140	1230	1150	1440
Turbidity	NTU	5	2.36	2.13	2.45	0.53	4.73	0.29	2.37	0.64

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-27D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/5/2015	6/28/2016	10/19/2016	5/4/2017	10/19/2017	5/15/2018	10/23/2018	7/2/2019
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	4.4 JB
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND U
1,4-Dichlorobenzene	ug/L	75	ND	1.22	ND	ND	ND	ND	ND	0.4 J
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,2-Dichloroethene	ug/L	70	1.24	ND	ND	ND	ND	ND	ND	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-27D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	11/5/2015	6/28/2016	10/19/2016	5/4/2017	10/19/2017	5/15/2018	10/23/2018	7/2/2019
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-27D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/13/2019	5/19/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Acetone	ug/L	-	4.2 J	ND U	ND U	7.2 JB	ND U	ND	ND	ND
Acrylonitrile	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromochloromethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	-	ND U	ND U	0.42 J	ND U	ND U	ND	ND	ND
2-Butanone	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	0.3 J	0.77 J	ND U	ND U	ND U	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-27D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/13/2019	5/19/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND U	ND U	1.2 B	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	-	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	-	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-27D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/5/2015	6/28/2016	10/19/2016	5/4/2017	10/19/2017	5/15/2018	10/23/2018	7/2/2019
Antimony, Total	mg/L	0.006	ND	ND	ND R	0.039 R	ND	ND	ND	ND U
Arsenic, Total	mg/L	0.01	ND	ND	ND R	ND R	ND	ND	ND	ND U
Barium, Total	mg/L	2	ND	ND	ND R	ND R	ND	ND	ND	0.0027 J
Beryllium, Total	mg/L	0.004	ND	ND	ND R	ND R	ND	ND	ND	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND R	ND R	ND	ND	ND	ND U
Calcium, Total	mg/L	-	41.53	44.09	38.52 R	34.89 R	32.98	48.8	33.56	32.5
Chromium, Total	mg/L	0.1	ND	ND	ND R	ND R	ND	ND	ND	0.0015 J
Cobalt, Total	mg/L	-	ND	ND	ND R	0.02 R	ND	ND	ND	ND U
Copper, Total	mg/L	1.3	ND	ND	ND R	ND R	ND	ND	ND	0.0025 J
Iron, Total	mg/L	0.3	3.625	5.04	1.468 R	5.667 R	5.634	6.208	1.63	0.12
Lead, Total	mg/L	0.15	0.002	ND	ND R	ND R	ND	ND	ND	ND U
Magnesium, Total	mg/L	-	20.34	24.68	24.06 R	20.31 R	20.26	14.08	9.343	10.9
Manganese, Total	mg/L	0.05	0.13	0.18	0.17 R	0.31 R	0.19	0.19	0.07	0.013
Mercury, Total	mg/L	0.002	ND	ND	ND R	ND R	ND	ND	ND	ND U
Nickel, Total	mg/L	0.1	ND	ND	ND R	ND R	ND	ND	ND	ND U
Potassium, Total	mg/L	-	2.86	2.6	2.81 R	2.26 R	2.05	1.52	1.07	1.3
Selenium, Total	mg/L	0.05	ND	ND	ND R	ND R	ND	ND	ND	ND U
Silver, Total	mg/L	0.1	ND	ND	ND R	ND R	ND	ND	ND	ND U
Sodium, Total	mg/L	-	6.1	8.61	7.86 R	8.33 R	8.33	11.08	7.89	9.4
Thallium, Total	mg/L	0.002	ND	ND	ND R	ND R	ND	ND	ND	ND U
Vanadium, Total	mg/L	-	ND	ND	ND R	ND R	ND	ND	ND	ND U
Zinc, Total	mg/L	5	0.15	ND	ND R	ND R	ND	ND	ND	0.0027 J
Alkalinity, Total	mg/L	-	177.55	146.87	121.09	142.66	137.19	145.7	100.23	81
Ammonia-N	mg/L	-	ND	ND	ND	1.08	0.6	ND	ND	12.6
Chemical Oxygen Demand (COD)	mg/L	-	18	ND	ND	ND	14	ND	ND	ND U
Chloride	mg/L	250	11.73	12.19	12.02	11.94	12.79	11.36	12.71	13.2
Hardness	mg/L	-	187.5	211.72	195.26	170.76	165.78	179.84	122.3	126
Nitrate-N	mg/L	10	4.82	5.58	7.41	3.54	7.14	6.67	10.64	11.8
pH	SU	8.5	6.26	5.93	6.29	6.8	6.46	6.44	6.55	6.54
Specific Conductance	umhos/cm	-	316	266	261	254	247	283	252	245
Sulfate	mg/L	250	14.17	10.49	7.79	5.56	10.65	6.05	5.05	5.7
Total Dissolved Solids	mg/L	500	262	198	212	117	198	211	160	204
Turbidity	NTU	5	75	13.35	14	35.3	42.4	14.7	10.21	2.57

Location ID: MW-27D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	12/13/2019	5/19/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Antimony, Total	mg/L	0.006	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-27D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/13/2019	5/19/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Cadmium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Calcium, Total	mg/L	–	32.8	34	29.3	32.1	30.3	30.1	29.2	30.4
Chromium, Total	mg/L	0.1	0.00087 J	ND U	ND U	ND U	ND U	ND	0.00082 J	0.0013 J
Cobalt, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Copper, Total	mg/L	1.3	0.0032 J	0.0032 J	0.0053 J	0.014	0.003 J	ND	ND	ND
Iron, Total	mg/L	0.3	0.99	0.13	0.59	0.046 J	0.058	ND	0.027 J	0.92
Lead, Total	mg/L	0.15	ND U	ND U	ND U	ND U	ND U	0.00083 J	ND	ND
Magnesium, Total	mg/L	–	10	10.9	10.5	11	9.5	10.8	9.8	9.6
Manganese, Total	mg/L	0.05	0.022	0.011	0.019	0.0077	0.0078	0.0042 J	0.0037 J	0.03
Mercury, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Nickel, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Potassium, Total	mg/L	–	1.2	1.2	1.2	1.3	1.1	1.2	1.2	1.2
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Sodium, Total	mg/L	–	8.9	9.1	8.8	9.5	8.7	9.2	9	9.4
Thallium, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Zinc, Total	mg/L	5	0.0022 J	0.0028 J	0.0024 J	ND U	0.0027 J	ND	0.0019 J	ND
Alkalinity, Total	mg/L	–	94	102	81	129	78	91	76	76
Ammonia-N	mg/L	–	0.052 J	0.099	0.118	0.268	0.061 JB	0.157	0.165	ND
Chemical Oxygen Demand (COD)	mg/L	–	32	9	ND U	ND U	ND U	ND	ND	61
Chloride	mg/L	250	12.1	12.3	13	12.9	14	12.6	13.4	13.8
Hardness	mg/L	–	123	139	130	123	110	120	113	115
Nitrate-N	mg/L	10	10.6	9.5	10.7	10.3	12.2	10	10.5	10.1
pH	SU	8.5	6.61	6.24	6.35	6.47	6.45	6.41	7.42	6.43
Specific Conductance	umhos/cm	–	466	260	243	201	197.5	242	345	252.27
Sulfate	mg/L	250	5.5	6.5	5.2	5.1	5.1	5.2	4.5	4.7
Total Dissolved Solids	mg/L	500	460	168	126	184	160	160	205	198
Turbidity	NTU	5	13.3	3.47	11	0.55	3.7	0.22	0.61	2.72

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-27S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/5/2015	6/28/2016	10/19/2016	5/4/2017	10/19/2017	5/15/2018	10/23/2018	7/2/2019
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	4 JB
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND U
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND	ND	ND	0.46 J
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-27S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	11/5/2015	6/28/2016	10/19/2016	5/4/2017	10/19/2017	5/15/2018	10/23/2018	7/2/2019
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-27S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/13/2019	5/19/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Acetone	ug/L	-	4 J	ND U	ND U	26.3 B	ND U	ND	ND	ND
Acrylonitrile	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromochloromethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Butanone	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	-	ND U	ND U	ND U	0.41 J	ND U	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	-	ND U	ND U	0.33 J	0.37 J	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	0.35 J	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-27S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/13/2019	5/19/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND U	ND U	0.98 JB	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	-	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	-	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-27S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/5/2015	6/28/2016	10/19/2016	5/4/2017	10/19/2017	5/15/2018	10/23/2018	7/2/2019
Antimony, Total	mg/L	0.006	ND	ND	0.006 R	ND U	ND	ND	ND	ND U
Arsenic, Total	mg/L	0.01	ND	ND	ND R	ND U	ND	ND	ND	ND U
Barium, Total	mg/L	2	0.01	0.02	0.02 R	0.021	0.02	0.03	0.02	0.026
Beryllium, Total	mg/L	0.004	ND	ND	ND R	ND U	ND	ND	ND	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND R	ND U	ND	ND	ND	ND U
Calcium, Total	mg/L	-	36.74	46.57	37.54 R	41.9	33.89	53.58	32.46	37.5
Chromium, Total	mg/L	0.1	ND	ND	ND R	0.011	ND	ND	ND	0.0023
Cobalt, Total	mg/L	-	ND	ND	ND R	ND U	ND	ND	ND	ND U
Copper, Total	mg/L	1.3	ND	ND	ND R	0.0022 J	ND	ND	ND	ND U
Iron, Total	mg/L	0.3	0.057	0.074	ND R	0.18	0.029	0.039	0.015	ND U
Lead, Total	mg/L	0.15	ND	ND	ND R	ND U	ND	ND	ND	ND U
Magnesium, Total	mg/L	-	27.08	32.55	30.03 R	15.5	26.18	15.68	11.12	11.9
Manganese, Total	mg/L	0.05	0.85	0.6	0.32 R	0.11	0.41	0.03	0.17	0.0062
Mercury, Total	mg/L	0.002	ND	ND	ND R	ND U	ND	ND	ND	ND U
Nickel, Total	mg/L	0.1	ND	ND	ND R	0.0065	ND	ND	ND	ND U
Potassium, Total	mg/L	-	2.53	8.83	4.38 R	12.1	23.53	25.39	25.06	17.2
Selenium, Total	mg/L	0.05	ND	ND	ND R	ND U	ND	ND	ND	ND U
Silver, Total	mg/L	0.1	ND	ND	ND R	ND U	ND	ND	ND	ND U
Sodium, Total	mg/L	-	8.81	11.98	12.78 R	15.1	14.14	22.49	16.42	16.3
Thallium, Total	mg/L	0.002	ND	ND	ND R	ND U	ND	ND	ND	ND U
Vanadium, Total	mg/L	-	ND	ND	ND R	ND U	ND	ND	ND	ND U
Zinc, Total	mg/L	5	ND	ND	ND R	0.0025 J	ND	0.02	ND	0.0044 J
Alkalinity, Total	mg/L	-	161.68	171.61	151.86	178.45	171.04	107.93	193.62	172
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	0.203
Chemical Oxygen Demand (COD)	mg/L	-	ND	11	ND	ND	ND	ND	ND	ND U
Chloride	mg/L	250	13.75	13.64	13.24	12.6	13.5	11.92	12.22	11.1
Hardness	mg/L	-	203.3	250.33	217.4	210.01	192.43	198.36	126.8	143
Nitrate-N	mg/L	10	5.19	5.64	6.87	8	8.01	7.84	6.06	4.5
pH	SU	8.5	6.31	6.06	6.22	6.69	6.37	6.73	6.69	6.68
Specific Conductance	umhos/cm	-	290	285	278	318	302	372	349	326
Sulfate	mg/L	250	2.28	1.68	1.71	1.83	1.86	1.76	1.68	1.9 J
Total Dissolved Solids	mg/L	500	217	240	243	238	246	287	241	222
Turbidity	NTU	5	3.45	3.25	2.5	3.21	0.26	1.73	0.31	0.28

Location ID: MW-27S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	12/13/2019	5/19/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Antimony, Total	mg/L	0.006	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	0.021	0.025	0.016	0.023	0.016	0.018	0.014	0.016
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-27S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/13/2019	5/19/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Cadmium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Calcium, Total	mg/L	–	32.5	35.4	28.8	36	30.2	29.6	28.3	29.4
Chromium, Total	mg/L	0.1	0.0024	0.0046	0.0017 J	0.0018 J	0.0018 J	0.0011 J	0.0028	0.0022
Cobalt, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Copper, Total	mg/L	1.3	0.0023 J	ND U	ND U	ND U	ND U	ND	ND	ND
Iron, Total	mg/L	0.3	0.1	0.13	0.039 J	0.021 J	ND U	ND	ND	ND
Lead, Total	mg/L	0.15	ND U	0.0011 J	ND U	ND U	ND U	ND	ND	ND
Magnesium, Total	mg/L	–	12	12.2	12.5	12.5	11.7	12.8	11.8	11.8
Manganese, Total	mg/L	0.05	0.015	0.012	0.0074	0.0072	0.0064	0.0028 J	ND	ND
Mercury, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Nickel, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Potassium, Total	mg/L	–	25.8	21.1	12.4	19.8	11.9	20.7	8.7	19.2
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Sodium, Total	mg/L	–	17.8	17.3	13.7	17	13.7	18.5	12.5	17.4
Thallium, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Zinc, Total	mg/L	5	0.0034 J	0.0021 J	ND U	ND U	0.002 J	0.002 J	ND	ND
Alkalinity, Total	mg/L	–	175	164	133	232	128	153	118	139
Ammonia-N	mg/L	–	0.039 J	0.146	0.418	0.319	0.299	0.048 J	0.035 J	ND
Chemical Oxygen Demand (COD)	mg/L	–	16	15	8 J	11 J	ND U	ND	ND	51
Chloride	mg/L	250	10.5	12.8	12.3	12	12.8	11.2	11.9	11.9
Hardness	mg/L	–	131	147	134	135	116	129	119	122
Nitrate-N	mg/L	10	5.2	5.6	6.2	6.8	7.4	6.8	7	7
pH	SU	8.5	6.65	6.55	6.24	6.55	6.32	6.87	7.27	6.49
Specific Conductance	umhos/cm	–	625	329	281	257	241	302	374	331.43
Sulfate	mg/L	250	1.9 J	2	2.1	2.1	2.2	2.9	2.2	2.4
Total Dissolved Solids	mg/L	500	56	214	181	274	194	198	209	264
Turbidity	NTU	5	1.25	1.01	0.77	0.31	0.98	0.25	0.07	1.78

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-28D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/4/2015	6/28/2016	10/19/2016	5/4/2017	10/19/2017	5/15/2018	10/23/2018	7/2/2019
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	3.9 JB
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	1.1
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND U
1,4-Dichlorobenzene	ug/L	75	1.02	2.16	1.3	1.67	1.36	1.7	ND	2.5
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,2-Dichloroethene	ug/L	70	2.42	2.69	2.57	2.94	2.91	2.71	1.53	2.9
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-28D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	11/4/2015	6/28/2016	10/19/2016	5/4/2017	10/19/2017	5/15/2018	10/23/2018	7/2/2019
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-28D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/20/2019	5/20/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/24/2022	4/18/2023
Acetone	ug/L	-	3.5 J	ND U	ND U	3.3 JB	ND U	ND	ND	ND
Acrylonitrile	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	2.2	1.6	1.9	1.4	1.7	1.2	1.5	1.6
Bromochloromethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	-	ND U	ND U	0.46 J	ND U	ND U	ND	ND	ND
2-Butanone	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	0.24 J	0.42 J
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	-	0.35 J	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	3.9	3.3	3.6	2.7	3	2.4	2.7	3
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	4.6	3.6	3.8	3.4	4.3	2.8	3.2	3.6
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-28D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/20/2019	5/20/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/24/2022	4/18/2023
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND U	ND U	1 JB	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	0.34 J	ND U	0.34 J	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	-	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	-	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-28D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/4/2015	6/28/2016	10/19/2016	5/4/2017	10/19/2017	5/15/2018	10/23/2018	7/2/2019
Antimony, Total	mg/L	0.006	ND	ND	ND R	0.022 R	ND	ND	ND	ND U
Arsenic, Total	mg/L	0.01	ND	ND	ND R	ND R	ND	ND	ND	ND U
Barium, Total	mg/L	2	ND	0.01	0.01 R	0.01 R	ND	ND	ND	0.0068
Beryllium, Total	mg/L	0.004	ND	ND	ND R	ND R	ND	ND	ND	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND R	ND R	ND	ND	ND	ND U
Calcium, Total	mg/L	-	40.78	49.7	46.47 R	41.13 R	42.95	38.34	25.91	27.9
Chromium, Total	mg/L	0.1	ND	ND	ND R	ND R	ND	ND	ND	0.0027
Cobalt, Total	mg/L	-	ND	ND	ND R	0.02 R	ND	ND	ND	ND U
Copper, Total	mg/L	1.3	ND	ND	ND R	ND R	ND	ND	ND	0.0019 J
Iron, Total	mg/L	0.3	36.17	34.97	0.745 R	53.24 R	26.89	35.26	24.37	40.6
Lead, Total	mg/L	0.15	ND	ND	ND R	ND R	ND	ND	ND	ND U
Magnesium, Total	mg/L	-	25.65	33.69	33.65 R	28.95 R	31.48	15.75	8.986	12.7
Manganese, Total	mg/L	0.05	0.34	0.46	0.19 R	0.65 R	0.36	0.48	0.24	0.4
Mercury, Total	mg/L	0.002	ND	ND	ND R	ND R	ND	ND	ND	ND U
Nickel, Total	mg/L	0.1	ND	ND	ND R	ND R	ND	ND	ND	ND U
Potassium, Total	mg/L	-	3.05	4.25	4.32 R	4.03 R	3.52	1.88	1.33	1.7
Selenium, Total	mg/L	0.05	ND	ND	ND R	ND R	ND	ND	ND	ND U
Silver, Total	mg/L	0.1	ND	ND	ND R	ND R	ND	ND	ND	ND U
Sodium, Total	mg/L	-	7.94	10.2	9.39 R	10.11 R	10.73	11.62	6.93	9.4
Thallium, Total	mg/L	0.002	ND	ND	ND R	ND R	ND	ND	ND	ND U
Vanadium, Total	mg/L	-	ND	ND	ND R	ND R	ND	ND	ND	ND U
Zinc, Total	mg/L	5	0.02	ND	ND R	ND R	ND	ND	ND	0.0043 J
Alkalinity, Total	mg/L	-	192.63	182.01	188.07	165.39	129.77	197.16	178.31	135
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	0.092 J
Chemical Oxygen Demand (COD)	mg/L	-	ND	15	ND	14	14	17	ND	ND U
Chloride	mg/L	250	8.58	8.66	9.12	8.1	8.47	7.52	6.57	7.3
Hardness	mg/L	-	207.5	262.84	254.61	221.92	236.88	160.59	101.7	122
Nitrate-N	mg/L	10	0.57	0.19	0.71	0.32	0.13	0.19	0.14	ND U
pH	SU	8.5	6.04	5.94	6.02	6.34	6.05	6.04	6.1	6.19
Specific Conductance	umhos/cm	-	362	355	336	420	358	334	287	315
Sulfate	mg/L	250	20.97	20.87	19.93	15.58	13.72	13.15	15.72	13.2
Total Dissolved Solids	mg/L	500	280	277	258	312	280	240	214	261
Turbidity	NTU	5	11.2	2.82	13.4	1.36	9.42	11.08	9.05	0.99

Location ID: MW-28D										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	12/20/2019	5/20/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/24/2022	4/18/2023
Antimony, Total	mg/L	0.006	ND U	0.001 J	ND U	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	0.007	0.0085	0.0095	0.0081	0.0086	0.0083	0.013	ND
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-28D

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/20/2019	5/20/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/24/2022	4/18/2023
Cadmium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Calcium, Total	mg/L	–	34.9	34.3	39.5	30.8	35.3	32.6	41.5	35.7
Chromium, Total	mg/L	0.1	0.0031	0.0026	0.001 J	ND U	0.0013 J	0.0016 J	ND	ND
Cobalt, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Copper, Total	mg/L	1.3	0.0027 J	ND U	ND U	ND U	ND U	ND	ND	ND
Iron, Total	mg/L	0.3	59.5	106	104	142	110	110	126	143
Lead, Total	mg/L	0.15	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Magnesium, Total	mg/L	–	13.8	13.5	16.4	14.5	14.2	15	16	14.9
Manganese, Total	mg/L	0.05	0.58	0.88	1	1.2	0.95	1.2	1.5	1.3
Mercury, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Nickel, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Potassium, Total	mg/L	–	1.8	1.8	2	2	1.8	1.8	2.2	0.37
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Sodium, Total	mg/L	–	9.6	9.8	10.8	10.6	9.9	10.4	10.7	2.2
Thallium, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Zinc, Total	mg/L	5	ND U	0.0027 J	ND U	ND U	0.0074	0.0045 J	ND	ND
Alkalinity, Total	mg/L	–	204	208	306	264	201	226	243	160
Ammonia-N	mg/L	–	ND U	0.111	0.121	ND U	ND U	0.046 J	0.217	0.18
Chemical Oxygen Demand (COD)	mg/L	–	60	18	13 J	28	15	ND	17	54
Chloride	mg/L	250	9.3	8	7.5	7.2	8.9	5.8	5.8	6.1
Hardness	mg/L	–	144	160	179	135	155	141	170	150
Nitrate-N	mg/L	10	0.12 J	0.1	0.14 J	ND U	0.1 J	ND	ND	ND
pH	SU	8.5	6.51	6.54	6.46	6.72	6.45	6.39	6.8	6.59
Specific Conductance	umhos/cm	–	386	482	525	433	451	508	816	531.67
Sulfate	mg/L	250	6.8	2.9	2.4	1.9 J	2.3	2 J	ND	2.3
Total Dissolved Solids	mg/L	500	238	346	276	306	214	236	264	238
Turbidity	NTU	5	1.85	2.23	1.42	1.8	3.13	2.06	1.55	3.19

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: MW-28S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/4/2015	6/28/2016	10/19/2016	5/4/2017	10/17/2017	5/15/2018	10/23/2018	7/2/2019
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	5.3 JB
Acrylonitrile	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	0.71 J
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	0.37 J
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND U
1,4-Dichlorobenzene	ug/L	75	1.02	ND	1.3	1.67	ND	ND	ND	ND U
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,2-Dichloroethene	ug/L	70	2.42	ND	2.57	2.94	ND	ND	ND	ND U
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Styrene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND U
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-28S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	11/4/2015	6/28/2016	10/19/2016	5/4/2017	10/17/2017	5/15/2018	10/23/2018	7/2/2019
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND U
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND U
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND	ND	ND	ND U
mp-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
o-Xylene	ug/L	10000	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND U

Location ID: MW-28S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/20/2019	5/20/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Acetone	ug/L	-	ND U	ND U	ND U	4.2 JB	ND U	ND	ND	ND
Acrylonitrile	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Benzene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromochloromethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromomethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Butanone	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon disulfide	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorobenzene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloromethane	ug/L	-	ND U	ND U	0.45 J	ND U	ND U	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Dibromomethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methylene chloride	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-28S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/20/2019	5/20/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Ethylbenzene	ug/L	700	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
2-Hexanone	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Iodomethane	ug/L	-	ND U	ND U	ND U	0.43 JB	ND U	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Styrene	ug/L	100	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Tetrachloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	5	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	2	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	10000	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	10000	-	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	10000	-	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Bromoform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Chloroform	ug/L	80	ND U	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: MW-28S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	11/4/2015	6/28/2016	10/19/2016	5/4/2017	10/17/2017	5/15/2018	10/23/2018	7/2/2019
Antimony, Total	mg/L	0.006	ND	ND	ND R	0.037 R	ND	ND	ND	ND U
Arsenic, Total	mg/L	0.01	ND	ND	ND R	ND R	ND	ND	ND	ND U
Barium, Total	mg/L	2	ND	0.03	0.01 R	0.03 R	0.02	0.02	0.02	0.014
Beryllium, Total	mg/L	0.004	ND	ND	ND R	ND R	ND	ND	ND	ND U
Cadmium, Total	mg/L	0.005	ND	ND	ND R	ND R	ND	ND	ND	ND U
Calcium, Total	mg/L	-	40.78	22.01	46.47 R	18.96 R	18.91	16.15	15.8	11.8
Chromium, Total	mg/L	0.1	ND	ND	ND R	ND R	ND	ND	ND	0.002 J
Cobalt, Total	mg/L	-	ND	ND	ND R	0.02 R	ND	ND	ND	ND U
Copper, Total	mg/L	1.3	ND	ND	ND R	ND R	ND	ND	ND	0.0031 J
Iron, Total	mg/L	0.3	36.17	0.019	0.745 R	0.009 R	0.011	0.013	0.005	ND U
Lead, Total	mg/L	0.15	ND	ND	ND R	ND R	ND	0.002	ND	ND U
Magnesium, Total	mg/L	-	25.65	14.16	33.65 R	13.58 R	12.9	8.193	5.522	5.2
Manganese, Total	mg/L	0.05	0.34	0.11	0.19 R	ND R	0.07	0.01	0.03	0.017
Mercury, Total	mg/L	0.002	ND	ND	ND R	ND R	ND	ND	ND	ND U
Nickel, Total	mg/L	0.1	ND	ND	ND R	ND R	ND	ND	ND	ND U
Potassium, Total	mg/L	-	3.05	3.74	4.32 R	3.09 R	3.05	2.16	1.45	1.6
Selenium, Total	mg/L	0.05	ND	ND	ND R	ND R	ND	ND	ND	ND U
Silver, Total	mg/L	0.1	ND	ND	ND R	ND R	ND	ND	ND	ND U
Sodium, Total	mg/L	-	7.94	5.47	9.39 R	5.73 R	7.07	7.22	4.97	4.9
Thallium, Total	mg/L	0.002	ND	ND	ND R	ND R	ND	ND	ND	ND U
Vanadium, Total	mg/L	-	ND	ND	ND R	ND R	ND	ND	ND	ND U
Zinc, Total	mg/L	5	0.02	0.01	ND R	ND R	ND	0.01	ND	0.0061
Alkalinity, Total	mg/L	-	192.63	53.88	188.07	53.68	58.68	57.96	48.84	30
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	4.11
Chemical Oxygen Demand (COD)	mg/L	-	ND	ND	ND	ND	10	ND	ND	ND U
Chloride	mg/L	250	8.58	8.84	9.12	7.48	7.18	6.87	6.62	7.3
Hardness	mg/L	-	207.5	113.27	254.61	103.27	100.34	74.07	62.2	51.1
Nitrate-N	mg/L	10	0.57	3.69	0.71	2.84	2.66	2.38	2.92	1.4
pH	SU	8.5	5.66	5.68	5.7	5.62	5.55	5.6	5.7	5.85
Specific Conductance	umhos/cm	-	154.4	141.1	142.4	142.2	140.8	148.2	134.9	110.2
Sulfate	mg/L	250	20.97	17.34	19.93	18.85	19.09	19.73	19.97	21.8
Total Dissolved Solids	mg/L	500	280	12	258	95	38	89	101	100
Turbidity	NTU	5	2.81	0.46	ND	0.16	ND	0.03	0.14	0.3

Location ID: MW-28S										
Number of Sampling Dates: 16										
Parameter Name	Units	Compliance Limit	12/20/2019	5/20/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Antimony, Total	mg/L	0.006	ND U	0.0015 J	ND U	ND U	ND U	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Barium, Total	mg/L	2	0.014	0.021	0.016	0.019	0.018	0.018	0.019	0.019
Beryllium, Total	mg/L	0.004	ND U	0.00054 J	ND U	ND U	ND U	ND	ND	ND

Location ID: MW-28S

Number of Sampling Dates: 16

Parameter Name	Units	Compliance Limit	12/20/2019	5/20/2020	11/10/2020	5/13/2021	10/27/2021	5/18/2022	10/20/2022	4/18/2023
Cadmium, Total	mg/L	0.005	ND U	0.00056 J	ND U	ND U	ND U	ND	ND	ND
Calcium, Total	mg/L	–	11.3	12.2	13.1	13.8	13.9	13.5	13.8	14.7
Chromium, Total	mg/L	0.1	0.0021 J	0.0017 J	0.00095 J	0.00094 J	ND U	0.00085 J	0.0019 J	0.0012 J
Cobalt, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Copper, Total	mg/L	1.3	ND U	0.0024 J	ND U	ND U	ND U	ND	0.002 J	ND
Iron, Total	mg/L	0.3	ND U	0.034 J	ND U	ND U	ND U	ND	ND	ND
Lead, Total	mg/L	0.15	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Magnesium, Total	mg/L	–	5.1	5.4	6.3	6.3	5.9	6.4	6.2	6.4
Manganese, Total	mg/L	0.05	0.0065	0.0033 J	0.0098	0.0032 J	0.0068	0.0029 J	0.0074	0.0032 J
Mercury, Total	mg/L	0.002	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Nickel, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Potassium, Total	mg/L	–	1.3	1.8	1.6	2.2	1.9	1.8	1.7	2.3
Selenium, Total	mg/L	0.05	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Silver, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Sodium, Total	mg/L	–	4.5	4.9	5.3	5.7	5.2	5.5	5.4	6
Thallium, Total	mg/L	0.002	ND U	0.0011 J	ND U	ND U	ND U	ND	ND	ND
Vanadium, Total	mg/L	–	ND U	ND U	ND U	ND U	ND U	ND	ND	ND
Zinc, Total	mg/L	5	0.0025 J	0.0045 J	0.0035 J	0.0026 J	0.0026 J	ND	0.0022 J	0.0021 J
Alkalinity, Total	mg/L	–	38	37	41	61	48	47	45	46
Ammonia-N	mg/L	–	ND U	0.054	0.177	0.528	0.219	ND	0.165	0.156
Chemical Oxygen Demand (COD)	mg/L	–	213	52	ND U	ND U	ND U	ND	ND	45
Chloride	mg/L	250	7.8	6.6	6.5	6.8	7.3	5.5	5.8	5.4
Hardness	mg/L	–	49.2	59	65.2	55.7	59.4	60.4	60.1	63
Nitrate-N	mg/L	10	1	0.76	0.72	0.72	0.7	0.75 J	0.8 J	0.69 J
pH	SU	8.5	5.79	5.6	5.55	5.69	5.45	5.61	7.94	5.24
Specific Conductance	umhos/cm	–	105.5	110.6	120.7	97.5	103.1	124.4	198	146.17
Sulfate	mg/L	250	23	23.2	22.9	23.1	23.9	20.3	21.3	22.6
Total Dissolved Solids	mg/L	500	66	112	78	125	92	91	119	111
Turbidity	NTU	5	2.13	0.86	0.59	0.19	0.82	0.4	0.15	0

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: SMW-1										
Number of Sampling Dates: 12										
Parameter Name	Units	Compliance Limit	1/28/2010	7/22/2010	12/1/2010	7/19/2011	12/6/2011	6/14/2012	11/27/2012	6/5/2013
Acetone	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	1
Bromochloromethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	--	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	--	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	--	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	1	1	1.2	1.5	1	2	2	2
Trans-1,4-dichloro-2-butene	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	1	1	ND	ND	1	1	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND	ND	1	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	1.9	1.86	ND	1	1	2
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	1	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	100	--	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	--	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	--	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND	ND	ND	1

Location ID:		SMW-1								
Number of Sampling Dates:		12								
Parameter Name	Units	Compliance Limit	1/28/2010	7/22/2010	12/1/2010	7/19/2011	12/6/2011	6/14/2012	11/27/2012	6/5/2013
Trichlorofluoromethane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	--	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	--	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/L	80	--	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	--	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	--	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID:		SMW-1								
Number of Sampling Dates:		12								
Parameter Name	Units	Compliance Limit	12/4/2013	6/5/2014	12/11/2014	5/5/2015				
Acetone	ug/L	--	ND	ND	ND	ND				
Acrylonitrile	ug/L	--	ND	ND	ND	ND				
Benzene	ug/L	5	ND	1.53	ND	ND				
Bromochloromethane	ug/L	--	ND	ND	ND	ND				
Bromomethane	ug/L	--	ND	ND	ND	ND				
2-Butanone	ug/L	--	ND	ND	ND	ND				
Carbon disulfide	ug/L	--	ND	ND	ND	ND				
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND				
Chlorobenzene	ug/L	100	ND	ND	ND	ND				
Chloroethane	ug/L	--	ND	ND	ND	ND				
Chloromethane	ug/L	--	ND	ND	ND	ND				
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND				
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND				
Dibromomethane	ug/L	--	ND	ND	ND	ND				
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND				
1,4-Dichlorobenzene	ug/L	75	1.92	4.87	2.5	ND				
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND				
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND				
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND				
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND				
Cis-1,2-Dichloroethene	ug/L	70	3.59	ND	3.6	2.56				
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND				
Methylene chloride	ug/L	5	ND	ND	ND	ND				
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND				
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND				
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND				
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND				
Ethylbenzene	ug/L	700	ND	ND	ND	ND				
2-Hexanone	ug/L	--	ND	ND	ND	ND				

Location ID: SMW-1

Number of Sampling Dates: 12

Parameter Name	Units	Compliance Limit	12/4/2013	6/5/2014	12/11/2014	5/5/2015
Iodomethane	ug/L	--	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND
Trichloroethene	ug/L	5	1.19	1.2	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND
Bromodichloromethane	ug/L	80	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: SMW-1										
Number of Sampling Dates: 12										
Parameter Name	Units	Compliance Limit	1/28/2010	7/22/2010	12/1/2010	7/19/2011	12/6/2011	6/14/2012	11/27/2012	6/5/2013
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.05	0.04	0.038	0.24	ND	0.016	0.019	0.01
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Calcium, Total	mg/L	-	18.9	37.81	79.35	70.35	70.02	99.01	63.8	63.86
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	ND	0.073	0.033	0.19	ND	ND	0.246	ND
Iron, Total	mg/L	-	0.027	0.08	0.057	ND	ND	0.014	0.08	0.005
Lead, Total	mg/L	0.015	ND	0.004	0.004	0.013	ND	ND	0.013	ND
Magnesium, Total	mg/L	-	7.4	5.45	6.9	8.4	9.056	10.25	10.17	9.017
Manganese, Total	mg/L	-	0.043	ND	0.048	ND	0.024	0.03	0.047	0.017
Mercury, Total	mg/L	0.002	ND	ND	ND	ND	ND	-	ND	ND
Nickel, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Potassium, Total	mg/L	-	1.58	1.17	1.88	1.42	1.58	2.61	2.33	1.785
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	mg/L	-	ND	ND	0.01	ND	ND	ND	ND	ND
Sodium, Total	mg/L	-	12	22.4	10.7	16.5	0.2	10.5	9.2	8.197
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Total	mg/L	-	ND	0.053	0.038	0.123	ND	ND	0.168	ND
Alkalinity, Total	mg/L	-	120.03	121.3	153.3	155.2	157.76	159.3	159.34	172.46
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	-	10.31	12.21	30	-	32	49.1	59.62	-
Hardness	mg/L	-	77.67	116.85	226.55	210.26	212.13	289.44	201.19	196.6
Nitrate-N	mg/L	10	0.26	0.28	0.18	-	0.18	0.23	0.29	-
pH	SU	-	ND	7.5	6.43	7.51	7.01	6.46	6.37	6.69
Specific Conductance	umhos/cm	-	295	302	405	338	532	513	484	404
Sulfate	mg/L	-	5.69	6.11	ND	-	ND	5.44	5.58	-
Total Dissolved Solids	mg/L	-	138	176	226	202	222	292	326	204
Turbidity	NTU	-	ND	10	ND	ND	ND	0.62	0.35	ND

Location ID: SMW-1						
Number of Sampling Dates: 12						
Parameter Name	Units	Compliance Limit	12/4/2013	6/5/2014	12/11/2014	5/5/2015
Antimony, Total	mg/L	0.006	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND
Barium, Total	mg/L	2	0.01	ND	ND	0.02
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND

Location ID: SMW-1

Number of Sampling Dates: 12

Parameter Name	Units	Compliance Limit	12/4/2013	6/5/2014	12/11/2014	5/5/2015				
Calcium, Total	mg/L	-	70.18	1.02	88.41	101.8				
Chromium, Total	mg/L	0.1	ND	ND	ND	ND				
Cobalt, Total	mg/L	-	ND	ND	ND	ND				
Copper, Total	mg/L	1.3	ND	ND	ND	ND				
Iron, Total	mg/L	-	0.018	ND	0.01	0.009				
Lead, Total	mg/L	0.015	ND	ND	ND	ND				
Magnesium, Total	mg/L	-	9.605	0.217	11.44	15.51				
Manganese, Total	mg/L	-	0.02	ND	0.02	0.05				
Mercury, Total	mg/L	0.002	ND	ND	ND	ND				
Nickel, Total	mg/L	-	ND	ND	ND	ND				
Potassium, Total	mg/L	-	1.96	ND	2.33	2.56				
Selenium, Total	mg/L	0.05	ND	ND	ND	ND				
Silver, Total	mg/L	-	ND	ND	ND	ND				
Sodium, Total	mg/L	-	8.56	0.23	9.97	14.48				
Thallium, Total	mg/L	0.002	ND	ND	ND	ND				
Vanadium, Total	mg/L	-	ND	ND	ND	ND				
Zinc, Total	mg/L	-	ND	ND	ND	ND				
Alkalinity, Total	mg/L	-	159.69	182.82	180.19	177.1				
Ammonia-N	mg/L	-	ND	ND	ND	ND				
Chemical Oxygen Demand (COD)	mg/L	-	ND	ND	ND	ND				
Chloride	mg/L	-	66.6	41.36	76.01	101.78				
Hardness	mg/L	-	210.5	3.4	267.9	318.1				
Nitrate-N	mg/L	10	0.33	0.22	0.27	0.35				
pH	SU	-	6.51	6.74	6.66	6.3				
Specific Conductance	umhos/cm	-	583	532	577	717				
Sulfate	mg/L	-	7.32	6.85	7.63	7.66				
Total Dissolved Solids	mg/L	-	338	271	340	533				
Turbidity	NTU	-	1.2	ND	ND	ND				

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill Surface water

Location ID: SW-1										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	2	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-1

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-1

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/21/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-1

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/21/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-1

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/6/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-1		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	6/6/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-1		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	4.1 JB	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND U	ND U
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND U	ND U

Location ID: SW-1

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND U	ND U
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND U	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND U	ND U
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND U	ND U
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND U	ND U
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND U	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND U	ND U
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND U	ND U
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND U	ND U
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND U	ND U
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND U	ND U
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-

Location ID: SW-1										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U

Location ID: SW-1										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023	
Acetone	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Acrylonitrile	ug/L	0.51	ND U	ND U	ND U	ND U	ND	ND	ND	
Benzene	ug/L	22	ND U	ND U	ND U	ND U	ND	ND	ND	
Bromochloromethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Bromomethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	0.45 J	
2-Butanone	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Carbon disulfide	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Carbon tetrachloride	ug/L	2.3	ND U	ND U	ND U	ND U	ND	ND	ND	
Chlorobenzene	ug/L	130	ND U	ND U	ND U	ND U	ND	ND	ND	
Chloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Chloromethane	ug/L	-	ND U	ND U	ND U	0.31 J	ND	ND	ND	
1,2-Dibromo-3-chloropropane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dibromoethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Dibromomethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichlorobenzene	ug/L	420	ND U	ND U	ND U	ND U	ND	ND	ND	
1,4-Dichlorobenzene	ug/L	63	ND U	ND U	ND U	ND U	ND	ND	ND	
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichloroethane	ug/L	3.8	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1-Dichloroethene	ug/L	330	ND U	ND U	ND U	ND U	ND	ND	ND	
Cis-1,2-Dichloroethene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Trans-1,2-Dichloroethene	ug/L	140	ND U	ND U	ND U	ND U	ND	ND	ND	
Methylene chloride	ug/L	46	ND U	ND U	ND U	ND U	ND	ND	ND	
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND	ND	ND	
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Ethylbenzene	ug/L	530	ND U	ND U	ND U	ND U	ND	ND	ND	
2-Hexanone	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Iodomethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Styrene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND U	ND U	ND U	ND U	ND	ND	ND	

Location ID: SW-1

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023
Tetrachloroethene	ug/L	6.9	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1300	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	25	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Bromofom	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorofom	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill Surface water

Location ID: SW-1										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.02	0.018	0.03	0.026	0.102	0.019	0.018	0.015
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	-	-	-	-	-	-	-	17.35
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	0.022	0.022	ND	ND	ND	0.012	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	ND	0.361	0.007	0.03	0.009	ND	0.048	0.005
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	0.002	0.002	ND	ND	ND	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	-	-	-	-	-	-	-	6.45
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	ND	ND	ND	0.023	0.05	ND	0.013	ND
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND	ND	ND	ND	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	-	-	-	-	-	-	-	2.09
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	-	-	-	-	-	-	-	50
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-

Location ID: SW-1
Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Zinc, Total	mg/L	0.12	ND	0.01	ND	ND	ND	0.093	0.024	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	16	35	12	18	8	11.45	11.2	11.5
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	-	67.85	71.38	71.85	79.2	94.18	90.09	111.7	91.14
Hardness	mg/L	-	50.4	67.08	54.44	59.53	71.58	79.91	59.35	68.85
Nitrate-N	mg/L	-	3.09	2.66	2.61	3.16	3.73	3.53	4.12	3
pH	SU	-	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	ND	-	ND	ND	340	-	357	341
Sulfate	mg/L	-	7.52	ND	1.72	2.1	1.3	ND	1.35	ND
Total Dissolved Solids	mg/L	-	57	196	217	194	173	-	536	202
Turbidity	NTU	-	0.17	0.35	0.36	0.85	0.66	0.3	ND	ND

Location ID: SW-1
Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/21/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Antimony, Total	mg/L	0.0056	-	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	-	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	-	0.021	0.03	0.038	ND	0.036	0.041	0.104
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	-	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	-	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	-	29.95	22.03	24.44	16.72	20.16	13.7	15.61
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	-	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	-	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	-	ND	ND	ND	ND	ND	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	-	0.005	0.085	0.056	0.039	0.147	0.041	0.017
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	-	ND	ND	ND	ND	ND	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	-	13.3	14.995	11.15	2.947	8.1	10.75	9.996
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	-	ND	ND	0.051	ND	ND	ND	ND
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	-	ND	ND	ND	ND	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-

Location ID: SW-1
Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/21/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Nickel, Total	mg/L	0.052	-	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	-	2.28	2.04	2.07	1.99	2.82	2.19	1.75
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	-	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	-	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	-	54.2	52.3	55.5	75.6	63	61.4	1
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	-	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	-	ND	ND	ND	ND	ND	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	-	0.055	ND	ND	ND	ND	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	9	13.2	12	8.25	17.6	11.4	ND	2.5
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	ND	ND	ND	11	ND	12
Chloride	mg/L	-	88.08	80.76	144	120	129.41	111.42	149.06	100
Hardness	mg/L	-	131.66	130.79	116.74	106.94	53.88	83.7	78.48	80.14
Nitrate-N	mg/L	-	3.33	4.61	4.52	4.35	3.95	2.99	5.83	11
pH	SU	-	-	-	-	-	6.8	6.91	6.68	6.86
Specific Conductance	umhos/cm	-	322	410	447	509	484	409	518	463
Sulfate	mg/L	-	1.15	1.24	1.41	1.52	ND	ND	1.25	ND
Total Dissolved Solids	mg/L	-	272	298	214	268	270	232	268	288
Turbidity	NTU	-	0	ND	ND	ND	1.6	0.6	2.2	1.7

Location ID: SW-1
Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/6/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.123	0.127	0.115	0.1	0.03	0.11	0.12	0.04
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	15.79	12.88	11.04	27.87	0.2	16.56	15.88	17.79
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-

Location ID: SW-1

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/6/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.015	0.013	0.012	0.024	ND	ND	0.007	ND
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	0.004	ND	ND	ND	ND	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	9.931	9.865	8.824	12.28	0.318	10.11	11.4	14.38
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	-	-	ND	ND	ND	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	2.45	2.24	1.892	2.73	ND	2.5	2.13	3.42
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	67	61.2	59.39	64.47	2.24	67.82	71.22	39.18
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	0.011	0.011	ND	ND	ND	ND	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	2.15	4.99	12.8	13.31	16.47	11.99	7.79	17.69
Ammonia-N	mg/L	-	ND	ND	0.59	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	ND	ND	ND	11	10	ND
Chloride	mg/L	-	130.09	118.46	-	125.96	136.11	130.92	131.12	115.38
Hardness	mg/L	-	80.32	72.79	63.9	120.2	1.8	83	86.6	103.6
Nitrate-N	mg/L	-	3.87	5.13	5.1	5.31	5.17	5.59	5.26	3.63
pH	SU	-	6.75	6.78	6.77	6.65	6.6	6.52	6.79	6.71
Specific Conductance	umhos/cm	-	505	469	465	441	590	592	582	504
Sulfate	mg/L	-	ND	1.25	-	1.47	1.95	1.15	1.08	1.82
Total Dissolved Solids	mg/L	-	310	266	300	234	306	285	320	221
Turbidity	NTU	-	0.96	ND	0.75	1.67	1.55	ND	0.27	0.2

Location ID: SW-1
 Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Antimony, Total	mg/L	0.0056	ND	0.008 R	ND U	ND	ND	ND	ND U	ND U
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.13	0.13 R	0.1	0.09	0.11	0.1	0.11	0.1
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	19.89	24.08 R	17.3	16.39	18.81	14.76	14.6	14.5
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND R	0.00074 J	ND	ND	ND	0.0013 J	0.0033
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND R	0.0021 J	ND	ND	ND	ND U	ND U
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.011	0.01 R	ND U	0.008	0.038	0.009	0.18	0.029 J
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	22.74	19.69 R	10.3	20.92	10.67	9.137	7.5	9.9
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	ND	ND R	0.0021 J	ND	ND	ND	0.008	0.0028 J
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	4.67	5.42 R	2.2	4.55	1.9	2.2	1.7	2.2
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	67.13	52.68 R	61.1	46.16	56.56	54.92	43.9	57.1
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	ND R	0.0042 J	ND	ND	ND	0.0071	0.0085
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	15.33	14.97	20.9	21	19.54	20.69	11	10

Location ID: SW-1		Number of Sampling Dates: 39									
Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019	
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	0.081 J	ND U	
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	10	ND	ND	ND	ND U	ND U	
Chloride	mg/L	-	153.07	132.47	130.87	148.75	128.62	142.26	137	152	
Hardness	mg/L	-	143.31	141.21	132.24	127.07	90.91	74.5	67.5	77.1	
Nitrate-N	mg/L	-	5.93	5.22	5.08	5.32	5.2	6.16	6.1	5.8	
pH	SU	-	6.56	6.19	6.24	6.24	6.38	6.61	6.48	6.27	
Specific Conductance	umhos/cm	-	577	583	615	760	612	614	593	515	
Sulfate	mg/L	-	0.94	1.05	2.26	2.15	2.08	1.67	1.5 J	1.4 J	
Total Dissolved Solids	mg/L	-	316	305	306	256	247	341	281	274	
Turbidity	NTU	-	0.6	0.38	0.33	0.36	1.29	0.53	1.12	0.4	

Location ID: SW-1		Number of Sampling Dates: 39									
Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023		
Antimony, Total	mg/L	0.0056	ND U	ND U	ND U	ND U	ND	-	-		
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	ND	ND		
Arsenic, Total	mg/L	0.00018	ND U	ND U	ND U	ND U	ND	-	-		
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	ND	ND		
Barium, Total	mg/L	1	0.12	0.097	0.12	0.11	0.12	-	-		
Barium, Dissolved	mg/L	1	-	-	-	-	-	0.12	0.11		
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND	-	-		
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	ND	ND		
Cadmium, Total	mg/L	0.00025	ND U	ND U	ND U	ND U	ND	-	-		
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	ND	ND		
Calcium, Total	mg/L	-	14.2	16.4	16	16.8	15.8	-	-		
Calcium, Dissolved	mg/L	-	-	-	-	-	-	17.3	16.6		
Chromium, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND	-	-		
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	ND	ND		
Cobalt, Total	mg/L	-	ND U	ND U	ND U	ND U	ND	-	-		
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	ND	ND		
Copper, Total	mg/L	0.009	ND U	ND U	ND U	ND U	ND	-	-		
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	ND	ND		
Iron, Total	mg/L	-	0.095	0.053 J	0.042 J	ND U	0.082	-	-		
Iron, Dissolved	mg/L	-	-	-	-	-	-	ND	ND		
Lead, Total	mg/L	0.0025	ND U	ND U	ND U	ND U	ND	-	-		
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	ND	ND		
Magnesium, Total	mg/L	-	11.6	10.9	11.2	11.6	11.9	-	-		
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	12.8	11.5		
Manganese, Total	mg/L	-	0.0061	0.0048 J	0.0041 J	0.0044 J	0.0063	-	-		
Manganese, Dissolved	mg/L	-	-	-	-	-	-	ND	0.0053 J		
Mercury, Total	mg/L	0.00077	ND U	ND U	ND U	ND U	ND	-	-		
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	ND	ND		
Nickel, Total	mg/L	0.052	ND U	ND U	ND U	ND U	ND	-	-		
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	ND	ND		
Potassium, Total	mg/L	-	2.2	2.5	2.3	2.6	2.3	-	-		

Location ID: SW-1

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023
Potassium, Dissolved	mg/L	-	-	-	-	-	-	3.2	2.2
Selenium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND	-	-
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	ND	ND
Silver, Total	mg/L	0.0032	ND U	ND U	ND U	ND U	ND	-	-
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	ND	ND
Sodium, Total	mg/L	-	75.8	59.7	69.9	65.1	74	-	-
Sodium, Dissolved	mg/L	-	-	-	-	-	-	74.8	64.6
Thallium, Total	mg/L	0.00024	ND U	ND U	ND U	ND U	ND	-	-
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	ND	ND
Vanadium, Total	mg/L	-	ND U	ND U	ND U	ND U	ND	-	-
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	ND	ND
Zinc, Total	mg/L	0.12	0.012	0.0071	0.0098	0.0068 B	0.0074	-	-
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	0.006	0.0069
Alkalinity, Total	mg/L	-	12	14	18	17	15	15	11
Ammonia-N	mg/L	-	0.089 J	0.084 J	ND U	0.048 J	0.256	ND	0.427
Chemical Oxygen Demand(COD)	mg/L	-	ND U	14 J	ND U	ND U	ND	ND	9 J
Chloride	mg/L	-	160	139	145	136	159	145	149
Hardness	mg/L	-	84.3	87	95.5	113 B	87.5	95.3	89.3
Nitrate-N	mg/L	-	5.4	5.1	6.1	5.4	5.1	4.7	5.7
pH	SU	-	6.44	6.06	7.43	6.96	7.2	6.94	6.09
Specific Conductance	umhos/cm	-	533	657	389	184.4	459	442	393
Sulfate	mg/L	-	1.4 J	1.1 J	1.4 J	1 J	ND	ND	ND
Total Dissolved Solids	mg/L	-	322	194	342	324	320	332	350
Turbidity	NTU	-	0.94	1.12	0.61	0.98	1.12	0.87	1.89

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill Surface water

Location ID: SW-2										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-2

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-2

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/28/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-2

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/28/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-2

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/6/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-2		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	6/6/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-2		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	4.2 JB	3.4 J
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND U	ND U
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND U	ND U

Location ID: SW-2

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND U	ND U
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND U	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND U	ND U
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND U	ND U
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND U	ND U
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND U	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND U	ND U
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND U	ND U
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND U	ND U
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND U	ND U
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND U	ND U
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-

Location ID: SW-2										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U

Location ID: SW-2										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023	
Acetone	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Acrylonitrile	ug/L	0.51	ND U	ND U	ND U	ND U	ND	ND	ND	
Benzene	ug/L	22	ND U	ND U	ND U	ND U	ND	ND	ND	
Bromochloromethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Bromomethane	ug/L	-	ND U	0.45 J	ND U	0.54 J	ND	ND	0.42 J	
2-Butanone	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Carbon disulfide	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Carbon tetrachloride	ug/L	2.3	ND U	ND U	ND U	ND U	ND	ND	ND	
Chlorobenzene	ug/L	130	ND U	ND U	ND U	ND U	ND	ND	ND	
Chloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Chloromethane	ug/L	-	ND U	0.36 J	ND U	0.47 J	ND	ND	ND	
1,2-Dibromo-3-chloropropane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dibromoethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Dibromomethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichlorobenzene	ug/L	420	ND U	ND U	ND U	ND U	ND	ND	ND	
1,4-Dichlorobenzene	ug/L	63	ND U	ND U	ND U	ND U	ND	ND	ND	
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichloroethane	ug/L	3.8	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1-Dichloroethene	ug/L	330	ND U	ND U	ND U	ND U	ND	ND	ND	
Cis-1,2-Dichloroethene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Trans-1,2-Dichloroethene	ug/L	140	ND U	ND U	ND U	ND U	ND	ND	ND	
Methylene chloride	ug/L	46	ND U	ND U	ND U	ND U	ND	ND	ND	
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND	ND	ND	
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Ethylbenzene	ug/L	530	ND U	ND U	ND U	ND U	ND	ND	ND	
2-Hexanone	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Iodomethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Styrene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND U	ND U	ND U	ND U	ND	ND	ND	

Location ID: SW-2

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023
Tetrachloroethene	ug/L	6.9	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1300	ND U	0.31 J	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	25	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Bromofom	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorofom	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill Surface water

Location ID: SW-2										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	ND	0.064	0.065	0.05	0.14	0.48	0.047	0.035
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	-	-	-	-	-	-	-	18.1
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	0.011	0.048	ND	ND	ND	0.014	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	ND	0.086	0.023	0.25	0.055	ND	0.084	0.045
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	0.002	ND	0.002	ND	ND	0.002	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	-	-	-	-	-	-	-	9.8
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	ND	0.012	0.053	0.499	0.171	ND	0.245	ND
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND	ND	ND	ND	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	-	-	-	-	-	-	-	1.94
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	-	-	-	-	-	-	-	52.4
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-

Location ID: SW-2
Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Zinc, Total	mg/L	0.12	ND	ND	ND	ND	0.013	0.097	0.032	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	14	40	18	18	10	13.15	18.7	14.1
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	-	71.58	76.89	73.1	71.2	85.96	84.09	106.52	87.73
Hardness	mg/L	-	75.4	68.51	66.78	59.8	60.84	74.18	58.18	85.55
Nitrate-N	mg/L	-	2.13	1.68	1.71	2.1	2.79	2.71	3.11	2.23
pH	SU	-	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	ND	-	ND	ND	330	-	337	331
Sulfate	mg/L	-	7.45	1.56	2.89	3.12	1.91	ND	2.52	1.3
Total Dissolved Solids	mg/L	-	161	180	183	180	161	-	524	206
Turbidity	NTU	-	ND	0.53	0.27	2.04	0.62	0.11	ND	ND

Location ID: SW-2
Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/28/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Antimony, Total	mg/L	0.0056	-	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	-	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	-	0.031	0.029	0.042	0.033	0.037	0.043	0.074
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	-	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	-	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	-	27.95	23.71	22.92	16.54	20.85	14.01	15.1
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	-	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	-	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	-	ND	ND	ND	ND	ND	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	-	0.044	0.095	0.108	0.07	ND	0.066	0.024
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	-	ND	ND	ND	ND	ND	0.002	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	-	11.9	10.935	14.55	2.941	8.5	11.6	8.978
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	-	0.019	0.038	0.24	0.031	ND	0.031	0.116
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	-	ND	ND	ND	ND	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-

Location ID: SW-2		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/28/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Nickel, Total	mg/L	0.052	-	ND	ND	ND	ND	ND	0.011	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	-	2.17	2.02	1.91	1.99	2.84	2.2	1.6
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	-	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	-	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	-	49.6	45.2	69	82.6	67.3	65.5	1
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	-	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	-	ND	ND	ND	ND	ND	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	-	0.05	ND	ND	ND	ND	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	14.4	13.9	21.7	7.19	16	23.5	ND	14.15
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	ND	ND	ND	14	10	13
Chloride	mg/L	-	87.08	77.19	136.9	112.51	137.13	117.13	152.47	95
Hardness	mg/L	-	30.53	118.8	104.25	117.15	53.41	87.06	82.75	74.68
Nitrate-N	mg/L	-	2.69	3.66	3	3.29	3.35	2.06	4.89	4.3
pH	SU	-	-	-	-	-	6.4	6.33	6.98	6.9
Specific Conductance	umhos/cm	-	317	391	474	469	497	419	503	412
Sulfate	mg/L	-	1.83	2.07	3.87	2.46	1.55	1.98	2.07	ND
Total Dissolved Solids	mg/L	-	244	424	238	244	270	282	312	260
Turbidity	NTU	-	0.5	ND	ND	0.8	1.9	0.5	0.6	0.15

Location ID: SW-2		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	6/6/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.086	0.086	0.085	0.07	0.02	0.09	0.09	0.05
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	16.04	12.93	11.68	29.1	0.1	19.55	16.36	15.9
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-

Location ID: SW-2

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/6/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.022	0.015	0.051	0.038	ND	0.007	0.034	ND
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	9.395	9.338	8.59	10.45	0.248	10	10.41	15.72
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	0.01	0.038	0.02	0.15	ND	0.04	0.05	ND
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	-	-	ND	ND	ND	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	2.41	2.15	2.13	2.45	ND	2.5	2	3.73
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	66.1	60.7	59.92	55.03	1.9	70.68	67.86	47.76
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	5.16	15.09	15.55	13.82	12.82	14.96	12.6	19.99
Ammonia-N	mg/L	-	ND	ND	0.97	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	8	ND	ND	ND	ND	ND
Chloride	mg/L	-	117.11	118.16	-	117.08	107.6	132.58	129.04	130.27
Hardness	mg/L	-	78.74	70.74	64.5	115.7	1.3	90	83.7	104.4
Nitrate-N	mg/L	-	2.8	4.16	3.7	3.87	4.03	4.29	4.05	3.92
pH	SU	-	6.91	6.83	6.74	6.81	6.7	6.73	6.45	6.72
Specific Conductance	umhos/cm	-	460	462	436	419	548	591	546	544
Sulfate	mg/L	-	1.56	1.99	-	2.92	2.7	2.28	2.05	1.73
Total Dissolved Solids	mg/L	-	332	294	302	219	237	287	280	117
Turbidity	NTU	-	0.85	ND	1.13	1.52	1.86	ND	0.29	0.37

Location ID: SW-2
 Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Antimony, Total	mg/L	0.0056	ND	0.006 R	ND U	ND	ND	ND	ND U	ND U
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.09	0.11 R	0.069	0.07	0.08	0.08	0.09	0.082
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	19.99	24.34 R	17	17.34	17.24	13.24	13.5	15.6
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND R	ND U	ND	ND	ND	0.0013 J	ND U
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND R	0.0019 J	ND	ND	ND	ND U	ND U
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.024	0.009 R	0.022 J	0.006	0.043	0.015	0.05 J	0.029 J
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	20.51	21.4 R	9.3	20.54	8.765	7.943	8.9	9.5
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	0.02	ND R	0.0078	ND	0.02	0.02	0.0097	0.033
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	4.34	5.77 R	2	4.52	1.68	2.02	2.1	2.2
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	64.97	63.99 R	56.8	49.83	47.99	52.69	56.7	55.8
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	ND R	ND U	0.03	ND	0.01	0.0021 J	0.007
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	14.3	22.43	18.3	19.47	19.26	21.67	13	17

Location ID: SW-2		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	0.272	ND U
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	ND	11	ND	ND	ND U	ND U
Chloride	mg/L	-	147.75	140.06	116.95	164.52	119.31	137.28	131	141
Hardness	mg/L	-	134.38	148.9	115.21	127.88	79.14	65.8	70.3	78
Nitrate-N	mg/L	-	4.9	4.17	3.48	4.28	3.9	4.96	4.9	4.1
pH	SU	-	6.65	6.24	6.57	6.56	6.5	6.66	6.58	6.29
Specific Conductance	umhos/cm	-	555	609	566	847	552	580	631	547
Sulfate	mg/L	-	1.72	1.6	3.48	2.69	2.76	2.19	1.8 J	2.5
Total Dissolved Solids	mg/L	-	287	222	284	277	101	326	288	194
Turbidity	NTU	-	0.25	0.38	0.39	0.16	0.77	0.49	0.77	0.26

Location ID: SW-2		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023	
Antimony, Total	mg/L	0.0056	ND U	ND U	ND U	ND U	ND	-	-	
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	ND	ND	
Arsenic, Total	mg/L	0.00018	ND U	ND U	ND U	ND U	ND	-	-	
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	ND	ND	
Barium, Total	mg/L	1	0.083	0.076	0.09	0.078	0.082	-	-	
Barium, Dissolved	mg/L	1	-	-	-	-	-	0.098	0.088	
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND	-	-	
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	ND	ND	
Cadmium, Total	mg/L	0.00025	ND U	ND U	ND U	ND U	ND	-	-	
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	ND	ND	
Calcium, Total	mg/L	-	13.1	16	15.5	16.1	13.9	-	-	
Calcium, Dissolved	mg/L	-	-	-	-	-	-	17.2	15.9	
Chromium, Total	mg/L	0.1	ND U	ND U	ND U	ND U	ND	-	-	
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	ND	ND	
Cobalt, Total	mg/L	-	ND U	ND U	ND U	ND U	ND	-	-	
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	ND	ND	
Copper, Total	mg/L	0.009	ND U	ND U	ND U	ND U	ND	-	-	
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	ND	ND	
Iron, Total	mg/L	-	0.022 J	0.021 J	0.056 J	0.021 J	0.046 J	-	-	
Iron, Dissolved	mg/L	-	-	-	-	-	-	ND	ND	
Lead, Total	mg/L	0.0025	ND U	ND U	ND U	ND U	ND	-	-	
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	ND	ND	
Magnesium, Total	mg/L	-	9.8	10.1	10.3	10.8	9.8	-	-	
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	11.7	10.1	
Manganese, Total	mg/L	-	0.011	0.006	0.015	0.0085	0.013	-	-	
Manganese, Dissolved	mg/L	-	-	-	-	-	-	ND	0.017	
Mercury, Total	mg/L	0.00077	ND U	ND U	ND U	ND U	ND	-	-	
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	ND	ND	
Nickel, Total	mg/L	0.052	ND U	ND U	ND U	ND U	ND	-	-	
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	ND	ND	
Potassium, Total	mg/L	-	2	2.5	2.2	2.7	2	-	-	

Location ID: SW-2
 Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023
Potassium, Dissolved	mg/L	-	-	-	-	-	-	3.1	2
Selenium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND	-	-
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	ND	ND
Silver, Total	mg/L	0.0032	ND U	ND U	ND U	ND U	ND	-	-
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	ND	ND
Sodium, Total	mg/L	-	66.9	58.3	67.8	62.2	65.4	-	-
Sodium, Dissolved	mg/L	-	-	-	-	-	-	72.9	60.9
Thallium, Total	mg/L	0.00024	ND U	ND U	ND U	ND U	ND	-	-
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	ND	ND
Vanadium, Total	mg/L	-	ND U	ND U	ND U	ND U	ND	-	-
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	ND	ND
Zinc, Total	mg/L	0.12	0.0024 J	0.0035 J	0.0039 J	0.002 JB	0.003 J	-	-
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	ND	0.0024 J
Alkalinity, Total	mg/L	-	17	17	22	21	18	19	15
Ammonia-N	mg/L	-	0.028 J	0.091 J	ND U	0.084 J	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND U	10 J	ND U	ND U	ND	9 J	ND
Chloride	mg/L	-	133	136	137	131	132	138	43
Hardness	mg/L	-	78.4	84.7	79.2	157 B	71.4	87.3	81.8
Nitrate-N	mg/L	-	4.2	4.1	5	4.4	3.9	3.5	ND
pH	SU	-	6.73	6.05	7.48	7.02	7.26	6.84	6.64
Specific Conductance	umhos/cm	-	474	637	382	172.3	390	421	0.08
Sulfate	mg/L	-	2	2 J	2.1	1.9 J	1.6 J	ND	5.7
Total Dissolved Solids	mg/L	-	272	194	350	322	278	330	314
Turbidity	NTU	-	1.06	1.09	0.57	1.24	0.84	0.54	0

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill Surface water

Location ID: SW-3										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	10	10
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-3

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-3

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/28/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	10	10	10	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-3

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/28/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-3

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	5/31/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-3		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	5/31/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: SW-3		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	4.2 JB	ND U
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND U	ND U
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND U	ND U

Location ID: SW-3

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND U	ND U
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND U	ND U
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND U	ND U
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND U	ND U
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND U	ND U
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND U	ND U
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND U	ND U
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND U	ND U
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND U	ND U
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND U	ND U
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND U	ND U
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND U	ND U
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND U	ND U
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND U	ND U
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND U	ND U
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND U	ND U
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-

Location ID: SW-3										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND U	ND U

Location ID: SW-3										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023	
Acetone	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Acrylonitrile	ug/L	0.51	ND U	ND U	ND U	ND U	ND	ND	ND	
Benzene	ug/L	22	ND U	ND U	ND U	ND U	ND	ND	ND	
Bromochloromethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Bromomethane	ug/L	-	ND U	ND U	ND U	0.6 J	ND	ND	0.51 J	
2-Butanone	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Carbon disulfide	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Carbon tetrachloride	ug/L	2.3	ND U	ND U	ND U	ND U	ND	ND	ND	
Chlorobenzene	ug/L	130	ND U	ND U	ND U	ND U	ND	ND	ND	
Chloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Chloromethane	ug/L	-	ND U	ND U	ND U	0.56 J	ND	ND	ND	
1,2-Dibromo-3-chloropropane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dibromoethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Dibromomethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichlorobenzene	ug/L	420	ND U	ND U	ND U	ND U	ND	ND	ND	
1,4-Dichlorobenzene	ug/L	63	ND U	ND U	ND U	ND U	ND	ND	ND	
Trans-1,4-dichloro-2-butene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1-Dichloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichloroethane	ug/L	3.8	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1-Dichloroethene	ug/L	330	ND U	ND U	ND U	ND U	ND	ND	ND	
Cis-1,2-Dichloroethene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Trans-1,2-Dichloroethene	ug/L	140	ND U	ND U	ND U	ND U	ND	ND	ND	
Methylene chloride	ug/L	46	ND U	ND U	ND U	ND U	ND	ND	ND	
Methyl t-Butyl Ether	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,2-Dichloropropane	ug/L	5	ND U	ND U	ND U	ND U	ND	ND	ND	
Trans-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Cis-1,3-Dichloropropene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Ethylbenzene	ug/L	530	ND U	ND U	ND U	ND U	ND	ND	ND	
2-Hexanone	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Iodomethane	ug/L	-	ND U	ND U	ND U	0.49 JB	ND	ND	ND	
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
Styrene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1,1,2-Tetrachloroethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND	
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND U	ND U	ND U	ND U	ND	ND	ND	

Location ID: SW-3

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023
Tetrachloroethene	ug/L	6.9	ND U	ND U	ND U	ND U	ND	ND	ND
Toluene	ug/L	1300	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND U	ND U	ND U	ND U	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND U	ND U	ND U	ND U	ND	ND	ND
Trichloroethene	ug/L	25	ND U	ND U	ND U	ND U	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl acetate	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND U	ND U	ND U	ND U	ND	ND	ND
Total Xylenes	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
mp-Xylene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
o-Xylene	ug/L	-	ND U	ND U	ND U	ND U	ND	ND	ND
Bromodichloromethane	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Bromofom	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND
Chlorofom	ug/L	80	ND U	ND U	ND U	ND U	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill Surface water

Location ID: SW-3										
Number of Sampling Dates: 39										
Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.021	0.05	0.019	0.021	0.16	0.042	0.041	0.034
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	-	-	-	-	-	-	-	19
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	0.021	0.061	0.015	ND	ND	ND	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	ND	0.281	0.019	0.217	0.075	ND	0.07	0.02
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	0.004	ND	ND	ND	ND	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	-	-	-	-	-	-	-	9.65
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	ND	0.021	0.015	0.276	0.121	0.043	0.175	ND
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND	ND	ND	ND	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	-	-	-	-	-	-	-	1.95
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	-	-	-	-	-	-	-	46.8
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-

Location ID: SW-3
Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/10/2001	6/10/2002	11/4/2002	6/10/2003	2/2/2004	6/23/2005	1/10/2006	6/15/2006
Zinc, Total	mg/L	0.12	ND	ND	ND	ND	ND	ND	0.027	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	18	55	26	21	12	17.6	24.4	18
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloride	mg/L	-	49.6	68.86	67	45.3	77.6	56.3	93.04	81.93
Hardness	mg/L	-	62.1	72.28	54.87	58.16	57.62	73.43	68.03	87.18
Nitrate-N	mg/L	-	1.95	1.55	1.51	1.85	2.67	2.68	2.8	2.13
pH	SU	-	-	-	-	-	-	-	-	-
Specific Conductance	umhos/cm	-	ND	-	ND	ND	320	-	326	336
Sulfate	mg/L	-	4.01	1.84	3.6	3.62	2.17	1.54	2.97	1.44
Total Dissolved Solids	mg/L	-	72	181	188	135	153	-	558	210
Turbidity	NTU	-	0.43	0.7	0.36	2.17	1.33	0.93	0.6	ND

Location ID: SW-3
Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/28/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.032	0.034	0.034	0.04	0.036	0.035	0.045	0.055
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	31.8	29.6	24.7	22.61	16.83	21.12	14.31	15.79
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	ND	0.058	0.085	0.122	0.168	ND	0.058	0.014
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND	ND	ND	ND	ND	0.002	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	12.8	12	22.64	11.3	2.936	9.05	10.8	8.617
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	ND	ND	0.028	0.258	0.034	ND	0.02	0.107
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND	ND	ND	ND	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-

Location ID: SW-3		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	12/13/2006	6/19/2007	12/3/2008	1/28/2010	6/22/2010	10/28/2010	6/9/2011	12/19/2011
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	1.95	2.21	2.03	1.76	1.82	2.67	2.14	1.48
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	55	45.9	38	71.4	69.7	59.4	55.8	0.8
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	0.063	ND	ND	ND	ND	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	20.6	17.9	28.6	15.26	17.5	22.4	3.5	6.29
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	ND	ND	ND	15	10	13
Chloride	mg/L	-	74.85	123.55	119.21	117.98	120.51	100.78	131.55	90
Hardness	mg/L	-	132.12	123.33	154.91	102.99	54.11	90	80.21	74.91
Nitrate-N	mg/L	-	2.36	3.38	2.77	4.25	3.03	1.78	4.48	3.7
pH	SU	-	-	-	-	-	6.5	6.23	7.01	6.95
Specific Conductance	umhos/cm	-	292	368	448	443	465	378	466	390
Sulfate	mg/L	-	2.14	2.27	4.64	1.59	1.53	1.95	2.3	ND
Total Dissolved Solids	mg/L	-	246	402	188	232	240	224	258	208
Turbidity	NTU	-	0	ND	ND	1.3	1.7	0.5	1	ND

Location ID: SW-3		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	5/31/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.073	0.071	0.064	0.06	0.02	0.07	0.07	0.07
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	17.2	13.45	11.63	34.88	ND	20.2	16.77	16.48
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-

Location ID: SW-3

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	5/31/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014	12/15/2014	4/29/2015	11/10/2015
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.026	0.019	0.035	0.035	0.005	ND	0.019	ND
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	0.003	ND	ND	ND	ND	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	9.524	8.969	7.707	12.16	0.222	9.517	9.887	16.44
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	0.013	0.028	0.011	0.08	ND	ND	0.02	ND
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	-	-	ND	ND	ND	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	2.36	2.02	1.92	2.93	ND	2.34	1.82	3.87
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	59	50.5	47.68	60.34	1.58	58.96	55.95	46.6
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	17.84	12.58	19.2	19.02	21.85	23.4	16.05	11.66
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	11	ND	ND	11	ND	ND
Chloride	mg/L	-	106.02	102.29	-	105.56	87.01	115.28	111.06	127.37
Hardness	mg/L	-	82.17	70.52	60.8	137.2	1.1	89.6	82.6	108.9
Nitrate-N	mg/L	-	2.61	3.7	3.3	3.51	3.88	3.87	3.56	4.79
pH	SU	-	6.98	6.79	6.87	6.83	6.81	6.84	6.87	6.82
Specific Conductance	umhos/cm	-	447	466	375	389	446	569	528	521
Sulfate	mg/L	-	1.72	2.14	-	3.22	3.14	2.58	2.29	0.94
Total Dissolved Solids	mg/L	-	304	226	226	216	215	260	278	241
Turbidity	NTU	-	1.03	0.3	0.54	1.6	4.33	0.12	0.33	0.27

Location ID: SW-3

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Antimony, Total	mg/L	0.0056	ND	0.006 R	ND U	ND	ND	ND	ND U	ND U
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.08	0.1 R	0.052	0.06	0.06	0.06	0.074	0.057
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	21.27	27.66 R	17.7	19.92	18.26	15.32	15.8	15.9
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND R	0.00078 J	ND	ND	ND	0.0012 J	ND U
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.019	ND R	0.026 J	0.009	0.034	0.008	0.04 J	0.034 J
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	20.4	22.42 R	8.5	21.79	8.244	7.336	9.9	8.9
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	ND	ND R	0.027	ND	0.02	0.01	0.0087	0.038
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND R	ND U	ND	ND	0.00114	ND U	ND U
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	4.2	5.97 R	1.8	4.87	1.6	1.82	2.1	2.1
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	58.47	60.49 R	45.4	47.79	39.73	44.82	54	45.7
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND R	ND U	ND	ND	ND	ND U	ND U
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	ND R	ND U	ND	ND	ND	0.0036 J	0.0041 J
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	17.82	22.5	26.62	26.04	21.43	20.49	17	22

Location ID: SW-3		Number of Sampling Dates: 39								
Parameter Name	Units	Compliance Limit	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	11/1/2018	7/3/2019	11/26/2019
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	0.517	0.04 J
Chemical Oxygen Demand(COD)	mg/L	-	ND	12	11	ND	ND	ND	ND U	ND U
Chloride	mg/L	-	129.92	124.94	104.42	144.93	102.62	123.89	117	119
Hardness	mg/L	-	137.12	161.39	114.88	139.47	79.54	68.5	80.4	76.6
Nitrate-N	mg/L	-	4.41	3.77	3.88	4.31	3.35	4.51	4.6	3.5
pH	SU	-	6.72	6.65	6.7	6.42	6.61	6.66	6.89	6.34
Specific Conductance	umhos/cm	-	551	553	486	776	493	528	578	477
Sulfate	mg/L	-	1.85	1.77	3.65	2.09	2.89	2.6	2.1	3.2
Total Dissolved Solids	mg/L	-	112	295	243	122	220	287	332	192
Turbidity	NTU	-	0.2	0.36	0.46	0.14	1.03	0.54	0.87	0.47

Location ID: SW-3		Number of Sampling Dates: 39							
Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023
Antimony, Total	mg/L	0.0056	ND U	ND U	ND U	ND U	ND	-	-
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	ND	ND
Arsenic, Total	mg/L	0.00018	ND U	ND U	ND U	ND U	ND	-	-
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	ND	ND
Barium, Total	mg/L	1	0.067	0.059	0.07	0.061	0.065	-	-
Barium, Dissolved	mg/L	1	-	-	-	-	-	0.077	0.066
Beryllium, Total	mg/L	0.004	ND U	ND U	ND U	ND U	ND	-	-
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	ND	ND
Cadmium, Total	mg/L	0.00025	ND U	ND U	ND U	ND U	ND	-	-
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	ND	ND
Calcium, Total	mg/L	-	13.5	16.3	15.7	16.4	14.3	-	-
Calcium, Dissolved	mg/L	-	-	-	-	-	-	17.3	16.4
Chromium, Total	mg/L	0.1	ND U	0.00092 J	ND U	ND U	ND	-	-
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	ND	ND
Cobalt, Total	mg/L	-	ND U	ND U	ND U	ND U	ND	-	-
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	ND	ND
Copper, Total	mg/L	0.009	ND U	ND U	ND U	ND U	ND	-	-
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	ND	ND
Iron, Total	mg/L	-	0.051 J	0.053 J	0.077	ND U	0.075	-	-
Iron, Dissolved	mg/L	-	-	-	-	-	-	ND	ND
Lead, Total	mg/L	0.0025	ND U	ND U	ND U	ND U	ND	-	-
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	ND	ND
Magnesium, Total	mg/L	-	9.4	9.8	9.5	10.1	9.5	-	-
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	11.2	9.8
Manganese, Total	mg/L	-	0.011	0.014	0.014	0.013	0.026	-	-
Manganese, Dissolved	mg/L	-	-	-	-	-	-	ND	0.022
Mercury, Total	mg/L	0.00077	ND U	ND U	ND U	ND U	ND	-	-
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	ND	ND
Nickel, Total	mg/L	0.052	ND U	ND U	ND U	ND U	ND	-	-
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	ND	ND
Potassium, Total	mg/L	-	1.8	2.3	2.1	2.5	1.9	-	-

Location ID: SW-3

Number of Sampling Dates: 39

Parameter Name	Units	Compliance Limit	6/4/2020	11/17/2020	5/20/2021	11/4/2021	5/26/2022	10/26/2022	4/24/2023
Potassium, Dissolved	mg/L	-	-	-	-	-	-	3	1.8
Selenium, Total	mg/L	0.005	ND U	ND U	ND U	ND U	ND	-	-
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	ND	ND
Silver, Total	mg/L	0.0032	ND U	ND U	ND U	ND U	ND	-	-
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	ND	ND
Sodium, Total	mg/L	-	56.3	47.5	54.9	51.6	52.8	-	-
Sodium, Dissolved	mg/L	-	-	-	-	-	-	61.1	49.7
Thallium, Total	mg/L	0.00024	ND U	ND U	ND U	ND U	ND	-	-
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	ND	ND
Vanadium, Total	mg/L	-	ND U	ND U	ND U	ND U	ND	-	-
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	ND	ND
Zinc, Total	mg/L	0.12	0.0024 J	0.0021 J	0.0051 J	0.003 JB	0.0026 J	-	-
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	ND	ND
Alkalinity, Total	mg/L	-	21	22	25	24	23	25	24
Ammonia-N	mg/L	-	0.091 J	0.095 J	0.057 J	0.06 J	0.239	ND	0.526
Chemical Oxygen Demand(COD)	mg/L	-	ND U	9 J	6 J	ND U	ND	ND	6 J
Chloride	mg/L	-	114	116	117	112	114	120	86.6
Hardness	mg/L	-	77.1	82.5	84.8	83.5 B	72.9	87.9	81
Nitrate-N	mg/L	-	3.9	3.5	4.6	4.1	3.5	3	0.33 J
pH	SU	-	6.66	6.23	7.67	7.16	7.4	6.83	6.78
Specific Conductance	umhos/cm	-	529	571	351	156	348	379	315
Sulfate	mg/L	-	2.2	2.3	2.4	2.1	1.8 J	ND	5.1
Total Dissolved Solids	mg/L	-	270	220	270	274	232	290	296
Turbidity	NTU	-	0.94	1.25	0.42	1.2	1.14	0.5	2.77

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill Surface water

Location ID: T-1										
Number of Sampling Dates: 26										
Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	6/18/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	1	1	1	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	4.4	1.31	3	ND	ND	1.31	2.3	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-1

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	6/18/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-1

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-1

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-1

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
Acetone	ug/L	-	ND	6.1 JB	4.2 J	ND U	ND U	ND U	ND U	3.5 J
Acrylonitrile	ug/L	0.51	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Benzene	ug/L	22	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Bromochloromethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Bromomethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	0.49 J	ND
2-Butanone	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Carbon disulfide	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Carbon tetrachloride	ug/L	2.3	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chlorobenzene	ug/L	130	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chloroethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chloromethane	ug/L	-	ND	ND U	ND U	ND U	0.34 J	ND U	0.4 J	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dibromoethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Dibromomethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND

Location ID: T-1

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
1,4-Dichlorobenzene	ug/L	63	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1-Dichloroethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1-Dichloroethene	ug/L	330	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	0.91 J	ND U	0.38 J	0.94 J	0.9 J	ND U	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Methylene chloride	ug/L	46	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Methyl t-Butyl Ether	ug/L	-	ND	0.49 J	0.58 J	ND U	ND U	ND U	ND U	ND
1,2-Dichloropropane	ug/L	5	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Ethylbenzene	ug/L	530	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
2-Hexanone	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Iodomethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Styrene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Tetrachloroethene	ug/L	6.9	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Toluene	ug/L	1300	ND	0.25 J	ND U	ND U	ND U	ND U	ND U	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trichloroethene	ug/L	25	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trichlorofluoromethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Vinyl acetate	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Vinyl chloride	ug/L	0.25	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Total Xylenes	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
mp-Xylene	ug/L	-	-	-	-	ND U	ND U	ND U	ND U	ND
o-Xylene	ug/L	-	-	-	-	ND U	ND U	ND U	ND U	ND
Bromodichloromethane	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chlorodibromomethane	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Bromofom	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chloroform	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND

Location ID: T-1

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023
Acetone	ug/L	-	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND
Benzene	ug/L	22	ND	ND

Location ID: T-1

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023
Bromochloromethane	ug/L	-	ND	ND
Bromomethane	ug/L	-	ND	0.45 J
2-Butanone	ug/L	-	ND	ND
Carbon disulfide	ug/L	-	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND
Chlorobenzene	ug/L	130	ND	ND
Chloroethane	ug/L	-	ND	ND
Chloromethane	ug/L	-	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND
Dibromomethane	ug/L	-	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND
Methylene chloride	ug/L	46	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND
Ethylbenzene	ug/L	530	ND	ND
2-Hexanone	ug/L	-	ND	ND
Iodomethane	ug/L	-	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND
Styrene	ug/L	-	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND
Toluene	ug/L	1300	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND
Trichloroethene	ug/L	25	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND
Vinyl acetate	ug/L	-	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND
Total Xylenes	ug/L	-	ND	ND
mp-Xylene	ug/L	-	ND	ND

Location ID: T-1
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023						
o-Xylene	ug/L	-	ND	ND						
Bromodichloromethane	ug/L	80	ND	ND						
Chlorodibromomethane	ug/L	80	ND	ND						
Bromoform	ug/L	80	ND	ND						
Chloroform	ug/L	80	ND	ND						

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill Surface water

Location ID: T-1										
Number of Sampling Dates: 26										
Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	6/18/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.032	0.044	0.038	0.068	0.06	0.051	0.03	0.01
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	21.43	23.81	28.95	36.33	31.61	21.96	36.96	0.35
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND	0.01	0.012	0.019	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.795	1.45	0.529	2.23	2.773	1.506	1.221	0.066
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	13.1	16.25	13.79	13.72	16.16	10.16	12.22	0.282
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	1.92	4.19	1.956	2.7	4.305	1.819	1.26	0.05
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND	ND	-	-	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	1.53	2.56	1.69	2.31	2.32	1.375	2.62	ND
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	19.2	29.2	0.2	15.7	17.8	10.05	8.47	0.32
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-1
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	6/18/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	-	113.3	95.14	88.58	111.57	72.85	82.09	60.03
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	ND	15	ND	9	ND	ND
Chloride	mg/L	-	49.66	40.89	30	49.38	45	-	19.05	30.52
Hardness	mg/L	-	107.46	126.35	129.08	147.22	145.48	96.7	142.6	2
Nitrate-N	mg/L	-	0.21	0.35	0.39	0.11	0.16	0.22	0.31	0.2
pH	SU	-	6.44	6.59	6.06	6.19	6.32	6.01	6.14	5.84
Specific Conductance	umhos/cm	-	346	428	304	354	403	286	253	301
Sulfate	mg/L	-	5.41	8.33	ND	5.18	6.81	-	14.36	7.57
Total Dissolved Solids	mg/L	-	128	224	178	212	234	162	120	123
Turbidity	NTU	-	14	9.7	4.08	17.1	2.7	3.24	3.52	2.88

Location ID: T-1
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	0.009 R	ND U	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND R	ND U	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.03	0.04	0.04	0.05	0.12 R	0.036	0.06	0.03
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND R	ND U	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND R	ND U	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	25.94	17.75	21.87	30.67	26.84 R	23.1	17.54	19.44
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND R	0.00083 J	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND	ND	ND	0.01 R	0.0028 J	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND	ND	ND	ND R	ND U	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.725	0.65	1.12	1.913	1.048 R	1	6.098	0.501
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND	ND	ND	ND R	ND U	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	10.78	10.24	18.92	25.81	17.66 R	10.4	19.8	9.12
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	0.44	0.44	0.63	1.05	1.49 R	0.52	1.8	0.3
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-

Location ID: T-1		Number of Sampling Dates: 26								
Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Mercury, Total	mg/L	0.00077	ND	ND	ND	ND	ND R	ND U	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND R	ND U	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	1.48	0.99	2.37	4.23	2.44 R	1.6	2.44	1.37
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND R	ND U	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND R	ND U	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	11.88	11.61	12.2	13.99	20.8 R	12.6	16.43	9.73
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND R	ND U	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND R	ND U	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	ND	ND	ND	ND R	0.004 J	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	67.04	52.77	58.96	87.56	35.1	71.13	64.27	72.74
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	12	ND	ND	ND	11	11	15	ND
Chloride	mg/L	-	39.22	38.24	54.32	54.56	67.43	31.87	59.79	24.85
Hardness	mg/L	-	109.2	86.5	132.5	182.87	139.74	144.04	125.33	86.1
Nitrate-N	mg/L	-	0.26	0.11	0.27	0.04	0.3	0.27	0.17	0.42
pH	SU	-	5.97	5.68	6.07	5.84	5.79	5.78	6.01	5.83
Specific Conductance	umhos/cm	-	335	318	362	376	366	357	421	285
Sulfate	mg/L	-	9.02	6.48	6.65	4.79	4	8.01	8.52	8.1
Total Dissolved Solids	mg/L	-	148	153	121	73	163	145	139	273
Turbidity	NTU	-	0.2	1.04	2.93	15	0.58	1.69	31.9	1.31

Location ID: T-1		Number of Sampling Dates: 26								
Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
Antimony, Total	mg/L	0.0056	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.07	0.046	0.039	0.055	0.022	0.024	0.033	0.042
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	15.93	12.7	27.5	18.4	53.5	47.1	25.5	21.1

Location ID: T-1
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	0.00085 J	ND U	ND U	ND U	ND U	ND U	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	0.021	0.0087	0.023	ND U	ND U	0.004 J	0.011
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.765	6.6	2.4	9.1	0.089	0.14	3.1	8.1
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	8.776	7	12.7	11.5	19.2	17.8	15.3	12.7
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	1.14	5.3	3.1	7	0.27	0.58	1.5	4.3
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND U	ND U	ND U	ND U	0.0024 J	ND U	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	1.87	0.94	2.4	1.4	2.3	1.9	2.4	1.6
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	42.21	9	15.3	14.1	16.4	18	19.2	16
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	0.0046 J	0.012	0.0065	0.0025 J	0.0031 J	0.0031 JB	0.0041 J
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	39.44	87	100	75	136	183	79	91
Ammonia-N	mg/L	-	ND	0.441	0.25	0.14	0.154	0.048 J	ND U	0.569
Chemical Oxygen Demand(COD)	mg/L	-	ND	12 J	ND U	ND U	12 J	7 J	6 J	6 J
Chloride	mg/L	-	101.13	52.8	46.5	43.4	83.4	67.8	57.9	41.4
Hardness	mg/L	-	75.9	60.4	121	99.8	215	201	76.6 B	104
Nitrate-N	mg/L	-	3.11	0.4	0.18 J	ND U	0.1 J	0.2	0.12 J	ND
pH	SU	-	6.03	5.76	6.26	5.96	6.73	5.81	7.11	6.84
Specific Conductance	umhos/cm	-	516	449	395	290	657	426	119.7	277
Sulfate	mg/L	-	3.9	4.5	10.5	5.4	10.7	10.4	5.2	4
Total Dissolved Solids	mg/L	-	253	187	176	200	268	274	208	160
Turbidity	NTU	-	1.13	11.07	1.29	8.23	1.12	3.64	2.26	8.1

Location ID: T-1
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023
Antimony, Total	mg/L	0.0056	-	-
Antimony, Dissolved	mg/L	0.0056	ND	ND
Arsenic, Total	mg/L	0.00018	-	-
Arsenic, Dissolved	mg/L	0.00018	ND	ND
Barium, Total	mg/L	1	-	-
Barium, Dissolved	mg/L	1	0.03	0.033
Beryllium, Total	mg/L	0.004	-	-
Beryllium, Dissolved	mg/L	0.004	ND	ND
Cadmium, Total	mg/L	0.00025	-	-
Cadmium, Dissolved	mg/L	0.00025	ND	ND
Calcium, Total	mg/L	-	-	-
Calcium, Dissolved	mg/L	-	21.5	20.7
Chromium, Total	mg/L	0.1	-	-
Chromium, Dissolved	mg/L	0.1	ND	ND
Cobalt, Total	mg/L	-	-	-
Cobalt, Dissolved	mg/L	-	ND	0.0078
Copper, Total	mg/L	0.009	-	-
Copper, Dissolved	mg/L	0.009	ND	0.002 J
Iron, Total	mg/L	-	-	-
Iron, Dissolved	mg/L	-	ND	0.26
Lead, Total	mg/L	0.0025	-	-
Lead, Dissolved	mg/L	0.0025	ND	ND
Magnesium, Total	mg/L	-	-	-
Magnesium, Dissolved	mg/L	-	12.4	12.8
Manganese, Total	mg/L	-	-	-
Manganese, Dissolved	mg/L	-	ND	2.1
Mercury, Total	mg/L	0.00077	-	-
Mercury, Dissolved	mg/L	0.00077	ND	ND
Nickel, Total	mg/L	0.052	-	-
Nickel, Dissolved	mg/L	0.052	ND	ND
Potassium, Total	mg/L	-	-	-
Potassium, Dissolved	mg/L	-	3.4	1.5
Selenium, Total	mg/L	0.005	-	-
Selenium, Dissolved	mg/L	0.005	ND	ND
Silver, Total	mg/L	0.0032	-	-
Silver, Dissolved	mg/L	0.0032	ND	ND
Sodium, Total	mg/L	-	-	-
Sodium, Dissolved	mg/L	-	20.6	16.3
Thallium, Total	mg/L	0.00024	-	-
Thallium, Dissolved	mg/L	0.00024	ND	ND
Vanadium, Total	mg/L	-	-	-
Vanadium, Dissolved	mg/L	-	ND	ND
Zinc, Total	mg/L	0.12	-	-
Zinc, Dissolved	mg/L	0.12	ND	ND

Location ID: T-1

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023						
Alkalinity, Total	mg/L	-	48	76						
Ammonia-N	mg/L	-	ND	ND						
Chemical Oxygen Demand(COD)	mg/L	-	9 J	13 J						
Chloride	mg/L	-	57.6	148						
Hardness	mg/L	-	103	104						
Nitrate-N	mg/L	-	ND	5.7						
pH	SU	-	7.22	6.6						
Specific Conductance	umhos/cm	-	254	225						
Sulfate	mg/L	-	8.4	ND						
Total Dissolved Solids	mg/L	-	181	178						
Turbidity	NTU	-	0.73	2.54						

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill Surface water

Location ID: T-2										
Number of Sampling Dates: 26										
Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	5/31/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-2

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	5/31/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-2

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-2
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-2
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
Acetone	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Acrylonitrile	ug/L	0.51	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Benzene	ug/L	22	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Bromochloromethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Bromomethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	0.42 J	ND
2-Butanone	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Carbon disulfide	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Carbon tetrachloride	ug/L	2.3	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chlorobenzene	ug/L	130	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chloroethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chloromethane	ug/L	-	ND	ND U	ND U	ND U	0.36 J	ND U	0.44 J	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dibromoethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Dibromomethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND

Location ID: T-2
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
1,4-Dichlorobenzene	ug/L	63	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1-Dichloroethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1-Dichloroethene	ug/L	330	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Methylene chloride	ug/L	46	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dichloropropane	ug/L	5	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Ethylbenzene	ug/L	530	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
2-Hexanone	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Iodomethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	0.62 JB	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Styrene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Tetrachloroethene	ug/L	6.9	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Toluene	ug/L	1300	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trichloroethene	ug/L	25	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trichlorofluoromethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Vinyl acetate	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Vinyl chloride	ug/L	0.25	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Total Xylenes	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
mp-Xylene	ug/L	-	-	-	-	ND U	ND U	ND U	ND U	ND
o-Xylene	ug/L	-	-	-	-	ND U	ND U	ND U	ND U	ND
Bromodichloromethane	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chlorodibromomethane	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Bromofom	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chloroform	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND

Location ID: T-2
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023
Acetone	ug/L	-	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND
Benzene	ug/L	22	ND	ND

Location ID: T-2

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023
Bromochloromethane	ug/L	-	ND	ND
Bromomethane	ug/L	-	ND	0.47 J
2-Butanone	ug/L	-	ND	ND
Carbon disulfide	ug/L	-	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND
Chlorobenzene	ug/L	130	ND	ND
Chloroethane	ug/L	-	ND	ND
Chloromethane	ug/L	-	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND
Dibromomethane	ug/L	-	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND
Methylene chloride	ug/L	46	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND
Ethylbenzene	ug/L	530	ND	ND
2-Hexanone	ug/L	-	ND	ND
Iodomethane	ug/L	-	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND
Styrene	ug/L	-	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND
Toluene	ug/L	1300	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND
Trichloroethene	ug/L	25	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND
Vinyl acetate	ug/L	-	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND
Total Xylenes	ug/L	-	ND	ND
mp-Xylene	ug/L	-	ND	ND

Location ID: T-2
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023						
o-Xylene	ug/L	-	ND	ND						
Bromodichloromethane	ug/L	80	ND	ND						
Chlorodibromomethane	ug/L	80	ND	ND						
Bromoform	ug/L	80	ND	ND						
Chloroform	ug/L	80	ND	ND						

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill Surface water

Location ID: T-2										
Number of Sampling Dates: 26										
Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	5/31/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.037	0.04	ND	0.071	ND	ND	ND	ND
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	41.07	27.75	35.57	14.62	37.18	33.35	45.32	0.32
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.179	0.163	0.257	0.033	0.096	0.164	0.135	0.016
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND	ND	ND	ND	0.007	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	18.25	17.85	12.38	8.501	14.32	12.77	15.68	0.302
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	0.584	0.099	1.078	ND	0.446	0.218	0.71	0.02
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND	ND	-	-	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	2.21	2.17	1.95	2.29	1.99	2.173	2.97	ND
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	21.2	28.8	0.2	42.1	13.1	12.19	39.9	0.7
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-2
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	5/31/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	-	105.9	96.65	18.1	88.61	94.85	74.75	84.18
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	11	ND	ND	ND	ND	13	ND	ND
Chloride	mg/L	-	82.64	51.06	41	103.63	72.44	-	99.32	60.53
Hardness	mg/L	-	177.7	142.8	139.8	71.51	151.81	135.9	177.7	2.1
Nitrate-N	mg/L	-	0.13	0.2	0.17	0.15	0.22	0.32	0.22	0.33
pH	SU	-	7.12	7.54	7.22	6.91	7.08	7.27	7	6.97
Specific Conductance	umhos/cm	-	469	438	295	472	457	380	452	480
Sulfate	mg/L	-	4.63	4.82	ND	1.76	4.26	-	6.57	5.33
Total Dissolved Solids	mg/L	-	106	238	180	270	242	210	243	217
Turbidity	NTU	-	ND	1.2	5.59	1.15	ND	2.08	1.9	2.79

Location ID: T-2
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	0.007 R	0.0028	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND R	ND U	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	ND	ND	ND	ND	ND R	0.0063	ND	ND
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND R	ND U	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND R	ND U	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	44.76	39.76	36.37	45.78	47.44 R	39.8	42.49	27.8
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND R	0.00096 J	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND R	ND U	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND	ND	ND	ND R	ND U	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.034	0.059	0.035	0.067	0.012 R	0.11	0.013	0.093
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND	ND	ND	ND R	ND U	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	14.3	16.09	24.3	31.5	31.84 R	13.2	29.46	12.59
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	0.14	0.16	0.11	0.07	0.03 R	0.48	0.02	0.28
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-

Location ID: T-2		Number of Sampling Dates: 26									
Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018	
Mercury, Total	mg/L	0.00077	ND	ND	ND	ND	ND R	ND U	ND	ND	
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-	
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND R	ND U	ND	ND	
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-	
Potassium, Total	mg/L	-	2.64	1.91	3.94	4.07	5.38 R	2.1	3.97	1.78	
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-	
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND R	ND U	ND	ND	
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-	
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND R	ND U	ND	ND	
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-	
Sodium, Total	mg/L	-	15.28	18.37	10.71	14.34	16.37 R	14.2	15.85	14.37	
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-	
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND R	ND U	ND	ND	
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-	
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND R	ND U	ND	ND	
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-	
Zinc, Total	mg/L	0.12	0.01	ND	ND	ND	ND R	ND U	ND	ND	
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-	
Alkalinity, Total	mg/L	-	82.22	94.53	86.28	68.82	107.6	86.79	111.69	97.73	
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND	
Chemical Oxygen Demand(COD)	mg/L	-	14	ND	13	ND	ND	ND	ND	ND	
Chloride	mg/L	-	75.43	74.1	77.64	83.52	81.36	65.4	86.24	71.39	
Hardness	mg/L	-	170.7	165.5	190.9	244.03	249.58	195.37	227.41	121.26	
Nitrate-N	mg/L	-	0.22	0.28	0.04	0.21	ND	0.26	0.11	0.26	
pH	SU	-	7.07	7.23	6.71	6.97	6.83	7.1	6.96	6.86	
Specific Conductance	umhos/cm	-	502	472	468	514	514	456	686	485	
Sulfate	mg/L	-	5.45	5.01	3.78	4.44	4.01	5.97	4.33	6.67	
Total Dissolved Solids	mg/L	-	219	260	111	254	268	212	234	202	
Turbidity	NTU	-	0.23	0.93	0.4	1.2	0.35	0.79	0.05	0.85	

Location ID: T-2		Number of Sampling Dates: 26									
Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022	
Antimony, Total	mg/L	0.0056	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND	
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-	
Arsenic, Total	mg/L	0.00018	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND	
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-	
Barium, Total	mg/L	1	ND	0.0041 J	0.0065	0.0039 J	0.0039 J	0.004 J	0.0065	0.0034 J	
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-	
Beryllium, Total	mg/L	0.004	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND	
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-	
Cadmium, Total	mg/L	0.00025	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND	
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-	
Calcium, Total	mg/L	-	32.4	44.3	34.5	34.3	39.8	38	43.9	36.5	

Location ID: T-2
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	0.0011 J	ND U	ND U	ND U	ND U	ND U	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.028	0.031 J	0.11	0.055 J	0.029 J	0.064	0.03 J	0.052 J
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	12.02	17.8	13.8	15.8	15.9	16.3	16.8	15.9
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	0.24	0.058	0.62	0.15	0.096	0.1	0.19	0.11
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	1.89	2.5	2.3	2.1	2.3	2.1	2.8	2.1
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	12.78	19.1	13.6	18.3	16.1	19	17.6	18.5
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	0.0043 J	0.0078	ND U	0.0019 J	ND U	ND U	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	97.65	90	87	82	87	111	86	86
Ammonia-N	mg/L	-	ND	0.117	0.02 J	ND U	0.055 J	0.047 J	0.081 J	0.288
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND U	ND U	10 J	12 J	ND U	ND U	ND
Chloride	mg/L	-	76.74	87.4	67.6	74.6	83.5	83	90.2	86.1
Hardness	mg/L	-	130.4	184	143	161	166	165	168 B	158
Nitrate-N	mg/L	-	0.21	0.32	0.26	0.28	0.18 J	0.26	0.18 J	0.42 J
pH	SU	-	6.97	7.18	6.72	7.17	6.71	6.95	7.37	7.55
Specific Conductance	umhos/cm	-	477	590	444	407	555	630	160	351
Sulfate	mg/L	-	4.99	4.8	7.8	4.6	4.5	4.3	4.2	3.8
Total Dissolved Solids	mg/L	-	252	324	196	270	248	262	298	262
Turbidity	NTU	-	0.57	0.48	0.54	1.09	1.04	0.39	1.07	0.57

Location ID: T-2
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023
Antimony, Total	mg/L	0.0056	-	-
Antimony, Dissolved	mg/L	0.0056	ND	ND
Arsenic, Total	mg/L	0.00018	-	-
Arsenic, Dissolved	mg/L	0.00018	ND	ND
Barium, Total	mg/L	1	-	-
Barium, Dissolved	mg/L	1	0.0046 J	0.0028 J
Beryllium, Total	mg/L	0.004	-	-
Beryllium, Dissolved	mg/L	0.004	ND	ND
Cadmium, Total	mg/L	0.00025	-	-
Cadmium, Dissolved	mg/L	0.00025	ND	ND
Calcium, Total	mg/L	-	-	-
Calcium, Dissolved	mg/L	-	43.4	40.7
Chromium, Total	mg/L	0.1	-	-
Chromium, Dissolved	mg/L	0.1	0.17	ND
Cobalt, Total	mg/L	-	-	-
Cobalt, Dissolved	mg/L	-	ND	ND
Copper, Total	mg/L	0.009	-	-
Copper, Dissolved	mg/L	0.009	0.0029 J	ND
Iron, Total	mg/L	-	-	-
Iron, Dissolved	mg/L	-	0.66	ND
Lead, Total	mg/L	0.0025	-	-
Lead, Dissolved	mg/L	0.0025	ND	ND
Magnesium, Total	mg/L	-	-	-
Magnesium, Dissolved	mg/L	-	18	16.3
Manganese, Total	mg/L	-	-	-
Manganese, Dissolved	mg/L	-	0.018	0.3
Mercury, Total	mg/L	0.00077	-	-
Mercury, Dissolved	mg/L	0.00077	ND	ND
Nickel, Total	mg/L	0.052	-	-
Nickel, Dissolved	mg/L	0.052	0.058	ND
Potassium, Total	mg/L	-	-	-
Potassium, Dissolved	mg/L	-	3	2
Selenium, Total	mg/L	0.005	-	-
Selenium, Dissolved	mg/L	0.005	ND	ND
Silver, Total	mg/L	0.0032	-	-
Silver, Dissolved	mg/L	0.0032	ND	ND
Sodium, Total	mg/L	-	-	-
Sodium, Dissolved	mg/L	-	20.4	17.6
Thallium, Total	mg/L	0.00024	-	-
Thallium, Dissolved	mg/L	0.00024	ND	ND
Vanadium, Total	mg/L	-	-	-
Vanadium, Dissolved	mg/L	-	ND	ND
Zinc, Total	mg/L	0.12	-	-
Zinc, Dissolved	mg/L	0.12	ND	ND

Location ID: T-2

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023						
Alkalinity, Total	mg/L	-	90	87						
Ammonia-N	mg/L	-	ND	0.469						
Chemical Oxygen Demand(COD)	mg/L	-	8 J	11 J						
Chloride	mg/L	-	85.7	133						
Hardness	mg/L	-	187	168						
Nitrate-N	mg/L	-	ND	4.2						
pH	SU	-	7.13	7.08						
Specific Conductance	umhos/cm	-	372	325						
Sulfate	mg/L	-	3.5	2.4						
Total Dissolved Solids	mg/L	-	294	288						
Turbidity	NTU	-	0.97	0.85						

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill Surface water

Location ID: T-3										
Number of Sampling Dates: 26										
Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	6/18/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	1	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-3
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	6/18/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-3
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Acetone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/L	22	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	130	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	140	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/L	46	ND	ND	ND	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-3
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Ethylbenzene	ug/L	530	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Iodomethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/L	1300	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/L	25	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	ug/L	-	ND	ND	ND	ND	ND	ND	ND	ND
mp-Xylene	ug/L	-	-	-	-	-	-	-	-	-
o-Xylene	ug/L	-	-	-	-	-	-	-	-	-
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND
Chlorofom	ug/L	80	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-3
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
Acetone	ug/L	-	ND	5.7 JB	3.3 J	ND U	ND U	ND U	ND U	ND
Acrylonitrile	ug/L	0.51	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Benzene	ug/L	22	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Bromochloromethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Bromomethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
2-Butanone	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Carbon disulfide	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Carbon tetrachloride	ug/L	2.3	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chlorobenzene	ug/L	130	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chloroethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chloromethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dibromoethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Dibromomethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND

Location ID: T-3

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
1,4-Dichlorobenzene	ug/L	63	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1-Dichloroethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1-Dichloroethene	ug/L	330	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Cis-1,2-Dichloroethene	ug/L	-	ND	0.75 J	0.94 J	0.8 J	ND U	0.9 J	0.65 J	0.68 J
Trans-1,2-Dichloroethene	ug/L	140	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Methylene chloride	ug/L	46	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND U	ND U	ND U	0.51 J	ND U	ND U	ND
1,2-Dichloropropane	ug/L	5	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Ethylbenzene	ug/L	530	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
2-Hexanone	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Iodomethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Styrene	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Tetrachloroethene	ug/L	6.9	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Toluene	ug/L	1300	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trichloroethene	ug/L	25	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Trichlorofluoromethane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Vinyl acetate	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Vinyl chloride	ug/L	0.25	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Total Xylenes	ug/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
mp-Xylene	ug/L	-	-	-	-	ND U	ND U	ND U	ND U	ND
o-Xylene	ug/L	-	-	-	-	ND U	ND U	ND U	ND U	ND
Bromodichloromethane	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chlorodibromomethane	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Bromofom	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Chloroform	ug/L	80	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND

Location ID: T-3

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023
Acetone	ug/L	-	ND	ND
Acrylonitrile	ug/L	0.51	ND	ND
Benzene	ug/L	22	ND	ND

Location ID: T-3

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023
Bromochloromethane	ug/L	-	ND	ND
Bromomethane	ug/L	-	ND	0.46 J
2-Butanone	ug/L	-	ND	ND
Carbon disulfide	ug/L	-	ND	ND
Carbon tetrachloride	ug/L	2.3	ND	ND
Chlorobenzene	ug/L	130	ND	ND
Chloroethane	ug/L	-	ND	ND
Chloromethane	ug/L	-	0.49 J	ND
1,2-Dibromo-3-chloropropane	ug/L	-	ND	ND
1,2-Dibromoethane	ug/L	-	ND	ND
Dibromomethane	ug/L	-	ND	ND
1,2-Dichlorobenzene	ug/L	420	ND	ND
1,4-Dichlorobenzene	ug/L	63	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	-	ND	ND
1,1-Dichloroethane	ug/L	-	ND	ND
1,2-Dichloroethane	ug/L	3.8	ND	ND
1,1-Dichloroethene	ug/L	330	ND	ND
Cis-1,2-Dichloroethene	ug/L	-	0.8 J	0.58 J
Trans-1,2-Dichloroethene	ug/L	140	ND	ND
Methylene chloride	ug/L	46	ND	ND
Methyl t-Butyl Ether	ug/L	-	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND
Trans-1,3-Dichloropropene	ug/L	-	ND	ND
Cis-1,3-Dichloropropene	ug/L	-	ND	ND
Ethylbenzene	ug/L	530	ND	ND
2-Hexanone	ug/L	-	ND	ND
Iodomethane	ug/L	-	0.99 J	ND
4-Methyl-2-pentanone(MIBK)	ug/L	-	ND	ND
Styrene	ug/L	-	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	-	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	1.7	ND	ND
Tetrachloroethene	ug/L	6.9	ND	ND
Toluene	ug/L	1300	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND
1,1,2-Trichloroethane	ug/L	5.9	ND	ND
Trichloroethene	ug/L	25	ND	ND
Trichlorofluoromethane	ug/L	-	ND	ND
1,2,3-Trichloropropane	ug/L	-	ND	ND
Vinyl acetate	ug/L	-	ND	ND
Vinyl chloride	ug/L	0.25	ND	ND
Total Xylenes	ug/L	-	ND	ND
mp-Xylene	ug/L	-	ND	ND

Location ID: T-3
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023						
o-Xylene	ug/L	-	ND	ND						
Bromodichloromethane	ug/L	80	ND	ND						
Chlorodibromomethane	ug/L	80	ND	ND						
Bromoform	ug/L	80	ND	ND						
Chloroform	ug/L	80	ND	ND						

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill Surface water

Location ID: T-3										
Number of Sampling Dates: 26										
Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	6/18/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	ND	ND	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.036	0.046	0.029	0.03	0.033	0.027	0.03	ND
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	40.88	28.02	42.76	61.33	42.63	38.33	52.08	0.43
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.185	0.171	0.289	0.297	0.217	0.149	0.558	0.006
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND	ND	ND	ND	ND	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	19.1	19.95	14.56	16.14	15.42	13.97	17.22	0.317
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	0.739	0.487	0.807	0.448	0.816	0.71	1.07	0.02
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND	ND	-	-	ND	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	2.07	1.88	1.89	2.24	1.86	1.796	3.76	ND
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND	ND	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	26.5	23.6	0.3	16	15.4	13.7	15.58	0.41
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	0.002	ND	ND	ND	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND

Location ID: T-3
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/8/2010	6/16/2011	12/1/2011	6/18/2012	12/10/2012	5/23/2013	12/12/2013	6/10/2014
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	ND	ND	0.016	ND	ND	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	-	126.9	113.69	134.37	128.1	129.65	120.56	112.2
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	16	ND	ND	10	ND	15	ND	ND
Chloride	mg/L	-	61.53	37.97	38	50.56	46.46	-	40.09	41.43
Hardness	mg/L	-	180.73	152.12	166.73	219.61	169.95	153.2	201	2.4
Nitrate-N	mg/L	-	0.06	0.13	0.12	0.09	0.06	0.3	ND	0.23
pH	SU	-	6.99	7.25	6.83	6.91	6.92	6.75	6.68	6.74
Specific Conductance	umhos/cm	-	504	421	329	444	428	367	376	433
Sulfate	mg/L	-	12.08	14.28	ND	10.28	9.78	-	16.1	11.89
Total Dissolved Solids	mg/L	-	230	232	218	290	250	218	211	205
Turbidity	NTU	-	0.2	0.65	1.78	1.72	1	1.04	3.8	0.83

Location ID: T-3
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Antimony, Total	mg/L	0.0056	ND	ND	ND	ND	0.008 R	ND U	ND	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND	ND	ND	ND R	ND U	ND	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.02	0.02	0.02	0.02	0.03 R	0.026	0.02	0.02
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND R	ND U	ND	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND	ND	ND	ND R	ND U	ND	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	54.53	41	40.42	53.2	51.81 R	43.7	48.09	36.94
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND R	0.0009 J	ND	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND	ND	ND	ND R	ND U	ND	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND	ND	ND	ND R	ND U	ND	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.144	0.16	0.115	0.169	ND R	0.17	0.057	0.242
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND	ND	ND	ND R	ND U	ND	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	16.64	15.6	24.89	33.55	32.1 R	13.9	31.43	14.08
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	0.37	0.7	0.39	0.41	0.02 R	0.93	0.29	0.82
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-

Location ID: T-3
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	12/15/2014	4/29/2015	11/10/2015	6/15/2016	10/28/2016	5/15/2017	10/18/2017	5/25/2018
Mercury, Total	mg/L	0.00077	ND	ND	ND	ND	ND R	ND U	ND	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	ND	ND	ND	ND R	0.0019 J	ND	ND
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	2.63	1.54	3.61	3.98	4.68 R	2	3.88	1.8
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND	ND	ND	ND R	ND U	ND	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND	ND	ND	ND R	ND U	ND	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	16.6	16.58	10.7	15.08	15.05 R	15.4	14.85	15.44
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND	ND	ND	ND R	ND U	ND	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND	ND	ND	ND R	ND U	ND	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	ND	ND	ND	ND R	0.0089	ND	ND
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	128.75	133.22	134.06	137.02	146.18	128.64	154.62	121.45
Ammonia-N	mg/L	-	ND	ND	ND	ND	ND	ND	ND	ND
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND	ND	ND	ND	ND	ND	11
Chloride	mg/L	-	53.41	49.44	57.68	58.74	67.58	48.69	77.04	50.76
Hardness	mg/L	-	204.7	166.6	203.4	271	261.56	208.36	249.51	150.22
Nitrate-N	mg/L	-	0.11	ND	0.02	0.16	ND	0.21	0.07	0.21
pH	SU	-	6.69	6.8	6.7	6.68	6.68	6.65	9.1	6.51
Specific Conductance	umhos/cm	-	509	512	502	522	551	475	723	487
Sulfate	mg/L	-	12.67	11.84	11.78	11.77	11.54	12.1	11.94	12.48
Total Dissolved Solids	mg/L	-	230	241	210	218	229	133	242	196
Turbidity	NTU	-	1.13	0.47	0.56	2.3	0.72	0.54	0.47	0.71

Location ID: T-3
Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
Antimony, Total	mg/L	0.0056	ND	ND U	ND U	0.0012 J	ND U	ND U	ND U	ND
Antimony, Dissolved	mg/L	0.0056	-	-	-	-	-	-	-	-
Arsenic, Total	mg/L	0.00018	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Arsenic, Dissolved	mg/L	0.00018	-	-	-	-	-	-	-	-
Barium, Total	mg/L	1	0.02	0.023	0.031	0.025	0.046	0.024	0.029	0.024
Barium, Dissolved	mg/L	1	-	-	-	-	-	-	-	-
Beryllium, Total	mg/L	0.004	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Beryllium, Dissolved	mg/L	0.004	-	-	-	-	-	-	-	-
Cadmium, Total	mg/L	0.00025	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Cadmium, Dissolved	mg/L	0.00025	-	-	-	-	-	-	-	-
Calcium, Total	mg/L	-	41.4	49.6	46.1	41.3	25.3	47.1	49.5	44.5

Location ID: T-3
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	11/1/2018	7/3/2019	11/26/2019	6/4/2020	11/17/2020	5/21/2021	11/4/2021	5/26/2022
Calcium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Chromium, Total	mg/L	0.1	ND	0.0013 J	ND U	ND U	ND U	ND U	ND U	ND
Chromium, Dissolved	mg/L	0.1	-	-	-	-	-	-	-	-
Cobalt, Total	mg/L	-	ND	ND U	ND U	ND U	0.011	ND U	ND U	ND
Cobalt, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Copper, Total	mg/L	0.009	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Copper, Dissolved	mg/L	0.009	-	-	-	-	-	-	-	-
Iron, Total	mg/L	-	0.09	0.077	0.35	0.27	3.5	0.14	0.14	0.35
Iron, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Lead, Total	mg/L	0.0025	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Lead, Dissolved	mg/L	0.0025	-	-	-	-	-	-	-	-
Magnesium, Total	mg/L	-	12.8	18	16.2	17.3	14.9	17.8	18.8	17.4
Magnesium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Manganese, Total	mg/L	-	0.35	0.37	0.78	0.44	4.4	0.58	0.68	0.67
Manganese, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Mercury, Total	mg/L	0.00077	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Mercury, Dissolved	mg/L	0.00077	-	-	-	-	-	-	-	-
Nickel, Total	mg/L	0.052	ND	0.0021 J	0.0024 J	ND U	ND U	0.0024 J	0.0025 J	0.0024 J
Nickel, Dissolved	mg/L	0.052	-	-	-	-	-	-	-	-
Potassium, Total	mg/L	-	1.75	2.1	2.5	1.8	2.4	1.9	2.6	1.9
Potassium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Selenium, Total	mg/L	0.005	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Selenium, Dissolved	mg/L	0.005	-	-	-	-	-	-	-	-
Silver, Total	mg/L	0.0032	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Silver, Dissolved	mg/L	0.0032	-	-	-	-	-	-	-	-
Sodium, Total	mg/L	-	13.77	17.4	15.1	18.1	24.2	18	17.8	18.3
Sodium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Thallium, Total	mg/L	0.00024	ND	ND U	0.0009 J	ND U	ND U	ND U	ND U	ND
Thallium, Dissolved	mg/L	0.00024	-	-	-	-	-	-	-	-
Vanadium, Total	mg/L	-	ND	ND U	ND U	ND U	ND U	ND U	ND U	ND
Vanadium, Dissolved	mg/L	-	-	-	-	-	-	-	-	-
Zinc, Total	mg/L	0.12	ND	0.003 J	0.0043 J	0.0046 J	0.0041 J	0.0031 J	0.0032 JB	0.0036 J
Zinc, Dissolved	mg/L	0.12	-	-	-	-	-	-	-	-
Alkalinity, Total	mg/L	-	122.67	128	130	123	76	183	127	128
Ammonia-N	mg/L	-	ND	0.216	ND U	0.043 J	ND U	0.048 J	0.073 J	0.293
Chemical Oxygen Demand(COD)	mg/L	-	ND	ND U	ND U	ND U	8 J	7 J	5 J	ND
Chloride	mg/L	-	54.88	65	62.8	61.4	79.4	67.8	76	63.3
Hardness	mg/L	-	156.1	198	182	193	124	201	184 B	181
Nitrate-N	mg/L	-	0.17	0.2	0.22	0.22	0.08 J	0.2	0.12 J	0.38 J
pH	SU	-	6.65	6.92	6.65	6.75	6.02	6.68	7.41	7.36
Specific Conductance	umhos/cm	-	451	680	501	490	521	575	180.4	365
Sulfate	mg/L	-	12.39	11.5	14.2	11.4	5.1	10.4	10.2	10
Total Dissolved Solids	mg/L	-	228	320	364	300	188	274	296	224
Turbidity	NTU	-	0.86	0.95	0.71	1.04	1.57	0.64	1.53	1.73

Location ID: T-3
 Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023
Antimony, Total	mg/L	0.0056	-	-
Antimony, Dissolved	mg/L	0.0056	ND	ND
Arsenic, Total	mg/L	0.00018	-	-
Arsenic, Dissolved	mg/L	0.00018	ND	ND
Barium, Total	mg/L	1	-	-
Barium, Dissolved	mg/L	1	0.027	0.024
Beryllium, Total	mg/L	0.004	-	-
Beryllium, Dissolved	mg/L	0.004	ND	ND
Cadmium, Total	mg/L	0.00025	-	-
Cadmium, Dissolved	mg/L	0.00025	ND	ND
Calcium, Total	mg/L	-	-	-
Calcium, Dissolved	mg/L	-	54.9	48.6
Chromium, Total	mg/L	0.1	-	-
Chromium, Dissolved	mg/L	0.1	0.021	ND
Cobalt, Total	mg/L	-	-	-
Cobalt, Dissolved	mg/L	-	ND	ND
Copper, Total	mg/L	0.009	-	-
Copper, Dissolved	mg/L	0.009	ND	ND
Iron, Total	mg/L	-	-	-
Iron, Dissolved	mg/L	-	0.14	0.023 J
Lead, Total	mg/L	0.0025	-	-
Lead, Dissolved	mg/L	0.0025	ND	ND
Magnesium, Total	mg/L	-	-	-
Magnesium, Dissolved	mg/L	-	22.2	17.8
Manganese, Total	mg/L	-	-	-
Manganese, Dissolved	mg/L	-	0.38	0.7
Mercury, Total	mg/L	0.00077	-	-
Mercury, Dissolved	mg/L	0.00077	ND	ND
Nickel, Total	mg/L	0.052	-	-
Nickel, Dissolved	mg/L	0.052	0.0086	0.0023 J
Potassium, Total	mg/L	-	-	-
Potassium, Dissolved	mg/L	-	3.1	1.8
Selenium, Total	mg/L	0.005	-	-
Selenium, Dissolved	mg/L	0.005	ND	ND
Silver, Total	mg/L	0.0032	-	-
Silver, Dissolved	mg/L	0.0032	ND	ND
Sodium, Total	mg/L	-	-	-
Sodium, Dissolved	mg/L	-	19.6	17.4
Thallium, Total	mg/L	0.00024	-	-
Thallium, Dissolved	mg/L	0.00024	ND	ND
Vanadium, Total	mg/L	-	-	-
Vanadium, Dissolved	mg/L	-	ND	ND
Zinc, Total	mg/L	0.12	-	-
Zinc, Dissolved	mg/L	0.12	ND	0.0021 J

Location ID: T-3

Number of Sampling Dates: 26

Parameter Name	Units	Compliance Limit	10/26/2022	4/24/2023						
Alkalinity, Total	mg/L	-	132	125						
Ammonia-N	mg/L	-	ND	ND						
Chemical Oxygen Demand(COD)	mg/L	-	7 J	8 J						
Chloride	mg/L	-	79	113						
Hardness	mg/L	-	236	181						
Nitrate-N	mg/L	-	ND	3.6						
pH	SU	-	6.5	6.89						
Specific Conductance	umhos/cm	-	422	354						
Sulfate	mg/L	-	9.5	2.6						
Total Dissolved Solids	mg/L	-	314	302						
Turbidity	NTU	-	0.44	1.5						

PSL Historical Data - Table I

Name: Parkton Sanitary Landfill

Location ID: T-4							
Number of Sampling Dates: 5							
Parameter Name	Units	Compliance Limit	12/15/2010	6/9/2011	12/1/2011	6/18/2012	12/10/2012
Acetone	ug/L	--	ND	ND	ND	ND	ND
Acrylonitrile	ug/L	--	ND	ND	ND	ND	ND
Benzene	ug/L	5	ND	ND	ND	ND	ND
Bromochloromethane	ug/L	--	ND	ND	ND	ND	ND
Bromomethane	ug/L	--	ND	ND	ND	ND	ND
2-Butanone	ug/L	--	ND	ND	ND	ND	ND
Carbon disulfide	ug/L	--	ND	ND	ND	ND	ND
Carbon tetrachloride	ug/L	5	ND	ND	ND	ND	ND
Chlorobenzene	ug/L	100	ND	ND	ND	ND	ND
Chloroethane	ug/L	--	ND	ND	ND	ND	ND
Chloromethane	ug/L	--	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	ug/L	0.2	ND	ND	ND	ND	ND
1,2-Dibromoethane	ug/L	0.05	ND	ND	ND	ND	ND
Dibromomethane	ug/L	--	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/L	600	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/L	75	ND	ND	ND	ND	ND
Trans-1,4-dichloro-2-butene	ug/L	--	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/L	--	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/L	5	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/L	7	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/L	70	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/L	100	ND	ND	ND	ND	ND
Methylene chloride	ug/L	5	ND	ND	ND	ND	ND
Methyl t-Butyl Ether	ug/L	--	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/L	5	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/L	--	ND	ND	ND	ND	ND
Ethylbenzene	ug/L	700	ND	ND	ND	ND	ND
2-Hexanone	ug/L	--	ND	ND	ND	ND	ND

Location ID: T-4

Number of Sampling Dates: 5

Parameter Name	Units	Compliance Limit	12/15/2010	6/9/2011	12/1/2011	6/18/2012	12/10/2012
Iodomethane	ug/L	--	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ug/L	--	ND	ND	ND	ND	ND
Styrene	ug/L	100	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/L	--	ND	ND	ND	ND	ND
Tetrachloroethene	ug/L	5	ND	ND	ND	ND	ND
Toluene	ug/L	1000	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/L	200	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/L	5	ND	ND	ND	ND	ND
Trichloroethene	ug/L	5	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/L	--	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/L	--	ND	ND	ND	ND	ND
Vinyl acetate	ug/L	--	ND	ND	ND	ND	ND
Vinyl chloride	ug/L	2	ND	ND	ND	ND	ND
Total Xylenes	ug/L	10000	ND	ND	ND	ND	ND
Bromodichloromethane	ug/L	80	ND	ND	ND	ND	ND
Chlorodibromomethane	ug/L	80	ND	ND	ND	ND	ND
Bromoform	ug/L	80	ND	ND	ND	ND	ND
Chloroform	ug/L	80	ND	ND	ND	ND	ND

PSL Historical Data - Table II

Name: Parkton Sanitary Landfill

Location ID: T-4							
Number of Sampling Dates: 5							
Parameter Name	Units	Compliance Limit	12/15/2010	6/9/2011	12/1/2011	6/18/2012	12/10/2012
Antimony, Total	mg/L	0.006	ND	ND	ND	ND	ND
Arsenic, Total	mg/L	0.01	ND	ND	ND	ND	ND
Barium, Total	mg/L	2	0.04	0.048	0.079	0.094	0.083
Beryllium, Total	mg/L	0.004	ND	ND	ND	ND	ND
Cadmium, Total	mg/L	0.005	ND	ND	ND	ND	ND
Calcium, Total	mg/L	--	47.64	29.39	41.44	68.37	43.67
Chromium, Total	mg/L	0.1	ND	ND	ND	ND	ND
Cobalt, Total	mg/L	--	ND	ND	ND	ND	ND
Copper, Total	mg/L	1.3	ND	ND	ND	ND	ND
Iron, Total	mg/L	--	0.033	0.035	0.011	0.029	0.01
Lead, Total	mg/L	0.015	ND	ND	ND	ND	ND
Magnesium, Total	mg/L	--	26.1	26.8	18.44	22.48	19.21
Manganese, Total	mg/L	--	0.068	0.037	0.066	0.025	0.036
Mercury, Total	mg/L	0.002	ND	ND	ND	--	--
Nickel, Total	mg/L	--	ND	ND	ND	ND	ND
Potassium, Total	mg/L	--	3.16	3.44	2.53	3.8	2.97
Selenium, Total	mg/L	0.05	ND	ND	ND	ND	ND
Silver, Total	mg/L	--	ND	ND	ND	ND	ND
Sodium, Total	mg/L	--	140.2	177.5	2.6	186.8	144.2
Thallium, Total	mg/L	0.002	ND	ND	ND	ND	ND
Vanadium, Total	mg/L	--	ND	ND	ND	ND	ND
Zinc, Total	mg/L	--	0.013	ND	ND	ND	ND
Alkalinity, Total	mg/L	--	--	8.1	15.9	19.88	14.27
Ammonia-N	mg/L	--	ND	ND	ND	ND	ND
Chemical Oxygen Demand (COD)	mg/L	--	ND	12	ND	ND	ND
Chloride	mg/L	--	363.15	264.65	290	280.07	314.75
Hardness	mg/L	--	226.44	183.75	179.41	263.29	188.15
Nitrate-N	mg/L	10	1.63	2.41	1.5	1.55	2.11
pH	SU	--	6.36	6.71	6.69	6.47	6.95
Specific Conductance	umhos/cm	--	1380	1278	1067	1159	1053
Sulfate	mg/L	--	7.78	8.09	ND	6.54	7.33
Total Dissolved Solids	mg/L	--	622	738	586	852	672

Location ID: T-4

Number of Sampling Dates: 5

Parameter Name	Units	Compliance Limit	12/15/2010	6/9/2011	12/1/2011	6/18/2012	12/10/2012
Turbidity	NTU	--	0.75	0.4	0.35	0.9	ND