
2021 Groundwater Monitoring Report

Exide Technologies **Former Vernon Facility**

NOVEMBER 2021 (REVISED MARCH 2022)

Prepared for:

VERNON ENVIRONMENTAL RESPONSE TRUST

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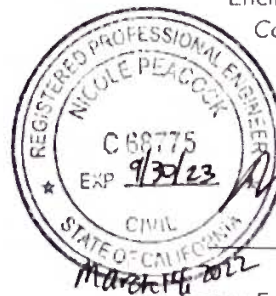
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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
amsl	Above mean sea level
BNSF	Burlington Northern Santa Fe
DCA	Dichloroethane
DCE	Dichloroethylene
DO	Dissolved oxygen
DTSC	Department of Toxic Substances Control
EB	Equipment blank
EPA	Environmental Protection Agency
FB	Field blank
Ft/ft	Feet per foot
HB	Hand bailed
LF	Low-flow
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MB	Method blank
MCL	Maximum contaminant level
mL	Milliliter
mL/min	Milliliters per minute
MNA	Monitored natural attenuation
mg/L	Milligrams per liter
µg/L	Micrograms per liter
MS/MSD	Matrix spike/matrix spike duplicate
ORP	Oxidation reduction potential
PCE	tetrachloroethylene
Q1	Quarter 1
Q2	Quarter 2
Q4	Quarter 4
QC	Quality control
RPD	Relative percent difference
TB	Trip blank
TCE	Trichloroethylene
TDS	Total dissolved solids
TOC	Top of casing
SAP	Sampling and analysis plan
VERT	Vernon Environmental Response Trust
VOCs	Volatile organic compounds

1 Introduction

On behalf of the Vernon Environmental Response Trust (VERT), Dudek has prepared this groundwater monitoring report for the former Exide Technologies (Exide) Vernon Plant located at 2700 S. Indiana Street in Vernon, California (Facility; **Figures 1 and 2**). This report has been prepared in response to California Department of Toxic Substances Control (DTSC) requirements.

This report documents the groundwater sampling procedures and analytical results for the Facility in September 2021. Activities conducted included the following:

- Gauging of the groundwater level in each well on September 27, 2021;
- Evaluation of the condition of each well on September 27, 2021; and
- Groundwater sampling in wells with sufficient water from September 27, 2021 through September 29, 2021.

The monitoring activities were conducted in accordance with the procedures described in the DTSC-approved Quarterly Groundwater Sampling and Analysis Plan (SAP; AGC, 2015) and the DTSC June 15, 2017 letter documenting requirements for the second quarter 2017 groundwater sampling event (DTSC, 2017). This report was prepared in accordance with the requirements of the SAP (AGC, 2015). Lastly, this sampling event was conducted in accordance with a scope of work submitted by VERT to DTSC on September 3, 2021 and approved by DTSC on September 8, 2021.

This report also includes an evaluation of historical data, as required for annual reports in the SAP. The annual evaluation is included in Section 6.

The project team includes VERT, Dudek (the primary consultant for the groundwater monitoring), and the DTSC. Key contacts are listed in the table below. Groundwater sampling was conducted by BlaineTech Services, Inc., with oversight by Dudek. Laboratory analysis was provided by Eurofins TestAmerica (Eurofins), a State of California certified laboratory.

Facility Address	Former Exide Technologies Facility 2700 S. Indiana Street Vernon, California 90058
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2 Site Description

The Facility is located at 2700 South Indiana Street in Vernon, California (**Figure 1**). The Facility, as defined in the 2002 Corrective Action Consent Order, is bounded by Bandini Boulevard followed by Baker Commodities to the south, South Indiana Street followed by Baker Commodities to the east, 26th Street to the north followed by the Burlington Northern Santa Fe (BNSF) Railroad Los Angeles International Transit Facility, and Command Packaging and the BNSF truck trailer parking to the west. The Los Angeles River is located farther south of the Facility. Surrounding property uses are entirely industrial.

The Facility is located on 13.5 acres of land (**Figure 2**) and includes the former manufacturing areas, support buildings, wastewater treatment plant, an engineering/security building, a storm water surface impoundment, and railway easement. The Facility is bisected by the two storm water channels (the open and enclosed channels, which are located side by side). The former manufacturing areas of the Facility are paved or covered with buildings/structures.

The Facility is relatively flat, with the ground surface elevation ranging from approximately 175 to 180 feet above mean sea level, excepting the surface impoundment, which is used for the collection of on-Site storm water and has a depth of approximately 14 feet below ground surface.

The Site includes the Facility, along with the sidewalk area immediately surrounding the eastern and southern boundaries of the Facility where several Exide wells are located and the main office building (Administration Building) and employee parking areas located east of S. Indiana Street.

2.1 Site History

Historical Facility operations began with metals processing operations in 1922, when Morris P. Kirk & Sons, Inc. began operation of a lead smelting and metals processing facility. NL Industries acquired Morris P. Kirk & Sons, Inc. in 1973. NL Industries were followed by Gould Inc. and then GNB Technologies in 1979 and 1983, respectively (DHS, 1990). In 2000, Exide Technologies acquired GNB Technologies (Advanced GeoServices/Avocet, 2016).

Historically, facility operations included secondary lead smelting, battery breaking to recover lead from lead-acid batteries, production of lead sheeting and zinc alloys, manufacturing of extruded metals components, and wastewater treatment for disposal under permit to the Los Angeles County sewer system (Advanced GeoServices and E2 Environmental, 2006). Battery recycling operations were discontinued in 2014.

Four vadose-zone monitoring wells (MW-1 to MW-4) were installed in 1984. No groundwater samples are known to have ever been collected from these shallow wells (Advanced GeoServices/Avocet, 2016). According to the Advanced GeoServices/Avocet 2016 Groundwater RFI, "Because these wells were installed at the same time that the stormwater surface impoundment was installed and they were installed as wells without ever encountering groundwater, it is believed they were installed for the sole purpose of monitoring the surface impoundment for leaks and not for use as actual groundwater monitoring wells."

Thirteen (13) groundwater monitoring wells were installed on-Site between 1985 and 1987. These wells were sampled several times between 1985 and 1996, when regular quarterly monitoring began (Advanced GeoServices/Avocet, 2016). Between 2008 and 2016, 28 Exide wells were installed (some of which replaced wells

installed in the 1980s; Advanced GeoServices/Avocet, 2016). Additional wells associated with the near-by Baker/Honeywell and Univar sites, as well as those on adjacent road right-of-ways and on the Exide Administration Building property, have also been included in the quarterly monitoring and/or gauging.

Quarterly monitoring and reporting occurred through December 2019. Exide filed for bankruptcy and the Facility closed in 2020.

2.2 Geologic Setting

The Facility is located within the Los Angeles Forebay Area (Advanced GeoServices/Avocet, 2016). The aquifers in the Los Angeles Forebay Area in the vicinity of the Facility are the Exposition, Gage, Gardena, Hollydale, Jefferson, Lynnwood, Silverado, and Sunnyside aquifers (DWR, 1961). The water-bearing, coarse-grained sediments of these aquifers are separated by fine-grained clays and silts (aquicludes and aquitards). The main aquiclude in the Facility vicinity is the Bellflower aquiclude.

At the Facility, shallow soils include fill material followed by recent alluvium, which is underlain by the Lakewood Formation. The Lakewood Formation includes the Bellflower aquiclude, the Exposition aquifer, the unnamed aquiclude that underlies the Exposition aquifer, and the Gage-Gardena aquifer. The Bellflower aquiclude is the upper part of the Formation and includes fine-grained soils (silts, clays, or other relatively low permeability material; DWR, 1961). Located approximately 95 to 175 feet below ground surface, the underlying Exposition aquifer consists of coarse gravel, sand, and interbedded silts and clay (DHS, 1990; AGC, 2017). An aquiclude separates the Exposition aquifer from the Gage-Gardena aquifer.

2.3 Hydrogeological Setting

Perched water is periodically observed in some locations beneath the Facility in the Bellflower aquiclude, encountered at depths of around 73 to 90 feet below ground surface. The perched water has been observed to not be continuous, with 12 on- and off-Site wells currently dry or effectively dry

Including the Exide and Baker/Honeywell wells, 24 on-Site wells and 4 off-Site wells are screened in the Bellflower aquiclude. The discontinuous zones of saturation found in the Bellflower aquiclude are referred to as the perched zone (soil borings advanced during the 2016 RCRA Facility Investigation noted the presence of unsaturated soils between the Bellflower aquiclude and first groundwater in the Exposition aquifer; Advanced GeoSciences/Avocet, 2016).

The upper regional groundwater-bearing zone at the former Exide Facility is the Exposition Aquifer. Including the Exide, Baker/Honeywell, and Univar wells, 10 on-Site wells and 12 off-Site wells are screened in the Exposition aquifer. The depth to water in these wells ranges from approximately 148 to 155 feet below ground surface.

3 Activities Completed in 2021

A detailed description of groundwater monitoring activities completed at and around the Facility during the September 2021 sampling event is presented in this section.

3.1 Pressure Transducers

VERT anticipated recovering pressure transducers from wells MW-11D, MW-12, MW-27D, SI-2, and SI-5; however, no pressure transducers or barologgers were identified in the wells at the time of gauging and sampling in September 2021. It appears that the pressure transducers were removed by Exide or their prior consultant after the last sampling event in December 2019.

3.2 Groundwater Gauging

On September 27, 2021, depth-to-groundwater was measured in 43 on- and off-Site wells using electric water level meters with 0.01-foot graduations. Two sampling crews from BlaineTech Services were utilized for the September 27, 2021 gauging. The water level meters were cross-checked by measuring the depth to water in the same wells: two perched zone wells (PW-2 and MW-14) and one Exposition aquifer well (MW-11D; **Appendix A**). Perched zone well PW-2 was dry; therefore, a second perched zone well was used for the sounder cross-check (MW-14).

The measured water levels during the September 27, 2021 cross-check differed by 0.04 feet for the perched zone well and by 0.03 feet for the Exposition aquifer well; therefore, water levels were adjusted as follows:

Sounder Cross-Check Information

Sounder ID	Perched Well Cross Check Depth to Water	Perched Well Adjustment in Table 1	Exposition Well Cross Check Depth to Water	Exposition Well Adjustment in Table 1
40670	81.34	None	151.08	None
1437109	81.30	+0.04	151.05	+0.03

During gauging, depth to water measurements were recorded on the Static Water Level Field Form (**Appendix A**). The recorded depth to water measurements and groundwater elevation calculations are shown on **Table 1**. The recorded water elevations for the perched zone and the Exposition aquifer are shown on **Figures 3 and 4**, respectively, and are discussed below. Due to access restrictions and as approved by DTSC on September 29, 2021, Univar well UMW-34 was not gauged or sampled during the 2021 event. Additionally, in accordance with a discussion with DTSC on August 17, 2021, VERT did not gauge the Honeywell wells located east of the Facility.

3.2.1 Perched Zone Wells

The perched zone wells are screened within the Bellflower aquiclude. The water within this zone is discontinuous, transitory in some wells, and represents water in end-caps in others, and is therefore not contoured. The depth to water measured during the 2021 event in the on-Site perched zone wells ranged from 71.40 feet below top of casing (TOC) in MW-6R to 89.64 feet below TOC in MW-9R. It should be noted that well MW-9R is effectively dry, with water just in the end cap at the bottom of the well. Excluding effectively dry wells, the depth to water in the on-Site wells ranged from 71.40 (MW-6R) to 87.20 (MW-16). MW-6R is located in the northern portion of the Facility and MW-16 is located in the western portion of the Facility.

Nine of the 24 perched zone wells located on-Site (MW-5, MW-7R, MW-9R, MW-11R, MW-15, PW-2, SI-1, SI-3, and CB-5) were found to be dry or effectively dry (had less than or equal to 0.1 feet of water). Six of the nine wells were dry, with water columns of 0.00 feet (**Table 1**). Three of the nine wells had water columns of 0.03, 0.03, and 0.07 feet. These wells are effectively dry as water is observed only within the solid well end cap and doesn't represent the water level outside of the well.

The water columns in wells MW-6R, SI-2, SI-4, SI-5, CB-1, CB-2, and CB-6 were less than 2 feet (0.12 to 0.38 feet). Of the eight remaining on-Site wells, the water columns ranged from 3.06 to 9.55 feet in the screened interval. Water elevations in the on-Site perched zone wells (excluding effectively dry wells) ranged from 91.66 feet above mean sea level (amsl) at SI-4 to 103.71 feet amsl at MW-6R.

Of the four perched zone wells located off-Site, wells BMW-1, BMW-2, and BMW-3 were dry, and well MW-22 had 9.66 feet of water in the screened interval, with a water elevation of 99.58 ft amsl.

Depth to water measurements and water elevations, including Q4 2019 elevations for comparison, are presented on **Table 1**. The water elevations are presented on **Figure 3**. Based on comparison of the water elevations to the Q4 2019 elevations, the water elevations in the perched zone have decreased in 6 wells, increased in 9 wells, and stayed the same in 13 wells (within 0.02 feet or remaining dry/effectively dry):

- The water elevations decreased compared to Q4 2019 elevations in six wells (MW-12, MW-14, PW-2, SI-4, SI-5, and CB-6), with decreases ranging from 0.08 feet to 0.91 feet (average of 0.46 feet) in five of the wells and greater than 5 feet in PW-2, which was dry in 2021.
- The water elevations increased compared to the Q4 2019 elevations in nine wells (MW-6R, MW-8, MW-10R, MW-13, MW-16, MW-30, PW-1, SI-2, and MW-22), with increases of 0.03 feet to 5.57 feet (average of 1.46 feet).
- The water levels stayed the same (within 0.02 feet or remaining dry/effectively dry) compared to Q4 2019 elevations in 13 wells.

3.2.2 Exposition Aquifer Wells

The depth to groundwater measured during the 2021 event in the on-Site Exposition aquifer wells ranged from 148.70 feet below TOC in MW-12D to 155.77 feet below TOC in MW-9D. The depth to water measured in the off-Site Exposition aquifer wells ranged from 150.95 feet below TOC in MW-25D to 155.77 feet below TOC in well MW-22D. This equates to elevations of 21.96 feet amsl at MW-22D to 24.55 feet amsl at MW-12D. Wells MW-6D and

MW-16D were dry, while MW-9D was effectively dry. Off-Site wells MW-17 and MW-20D had water columns of 0.17 feet and 0.18 feet, respectively, and likely only have water in the end cap of the wells.

The Exposition aquifer groundwater flows toward the southwest at a gradient of approximately 0.003 feet per foot (ft/ft; CB-3 to MW-22D). Depth to groundwater measurements and groundwater elevations, including Q4 2019 elevations for comparison, are presented on **Table 1**. The Exposition groundwater elevations and contours are presented on **Figure 4**.

Based on comparison of the groundwater elevations to prior quarters, the groundwater elevation in the Exposition aquifer has stayed dry/effectively dry or continued to decrease, with the exception of MW-17 where the groundwater elevation increased by at least 0.33 feet (MW-17 was dry in Q4 2019). Groundwater elevation decreases in the Exposition aquifer wells ranged from 0.04 to 2.06 feet since Q4 2019, with an average decrease of 1.60 feet. Since Q1 2017, the Exposition aquifer groundwater elevations have decreased by 4.51 to 7.81 feet (average of 6.04 feet) in 12 wells, and gone dry or effectively dry in three wells.

3.3 Well Assessment

During the site-wide gauging, the condition of each well was noted by each BlaineTech field technician. Each well was checked for the following components:

- Well label and reference point visibility;
- Standing water in the well vault;
- Bolt presence and condition;
- Gasket presence and condition;
- Well securability; and
- Well cap condition.

During the assessment, the following issues were noted:

- Well MW-25D – one bolt tab was broken and water was observed and subsequently bailed from the well box;
- Well BMW-2 – one bolt tab was broken;
- Well BMW-3 – the rim was damaged, there was no well label identifiable, and two bolt tabs were missing;
- Wells MW-6R, CB-1, CB-3, and CB-6 – water was observed and subsequently bailed from the well box; and
- Well CB-6 – both bolt tabs were broken.

The same well issues (broken tab/rim) were noted at wells BMW-2 and BMW-3 during prior sampling events. The maintenance of these Baker-owned wells was discussed in prior groundwater monitoring reports.

On February 21, 2022, Dudek oversaw well repairs for wells MW-6R, MW-25D, CB-1, CB-3, and CB-6 at Exide. BC2 Environmental replaced the vaults at wells MW-25D and CB-6. The area surrounding the well vaults were saw cut (2 feet by 2 feet), new 12-inch vaults were placed over the well casing, and new concrete pads were poured. The well lid gaskets and bolt gaskets were replaced at wells CB-1, CB-3, and MW-6R. Standing water was observed in each of the well vaults at CB-1, CB-3, and MW-6R; the water was removed from each of the wells following the gasket replacement.

Wells MW-25D and CB-6 were resurveyed by Calvada Surveying, Inc. on February 25, 2022. The surveyed measuring point on each well casing was notched and also marked using a permanent marker. The survey data is presented in **Appendix B**.

3.4 Groundwater Sampling

Perched zone wells MW-5, MW-7R, MW-9R, MW-11R, MW-15, PW-2, SI-1, SI-3, CB-5, BMW-1, BMW-2, and BMW-3 were dry or had less than or equal to 0.1 feet of water column. Therefore, samples were not collected from any of these 12 wells. Additionally, although well SI-5 had 0.15 feet of water column, attempts to sample this well were unsuccessful and a sample was not collected.

Exposition aquifer wells MW-6D, MW-9D, and MW-16D were dry or effectively dry and were not sampled. Additionally, Exposition aquifer wells MW-17 and MW-20D had 0.17 and 0.18 feet of water, respectively, and could not be sampled.

In accordance with the DTSC's January 9, 2018 letter (mistakenly dated January 9, 2017) regarding *On-Site Corrective Action: DTSC Review of Exide's Responses to DTSC Comments on the Quarterly Groundwater Sampling and Analysis Plan*, wells MW-14 and PW-1 are typically not sampled. However, since PW-2 was dry, VERT sampled MW-14 instead, following verbal approval from DTSC on September 27, 2021.

Groundwater samples were collected from the 24 remaining monitoring wells. The proposed estimated sequence of sampling was submitted to the DTSC in advance of the sampling. The sampling sequence was generally designed to first collect samples from wells with the lowest concentrations of volatile organic compounds (VOCs) and metals in the Q4 2019 event, followed by wells with higher concentrations. The 24 wells were sampled using the following techniques: hand bailers, low flow purge then hand bailer, and low flow.

- In accordance with the 2015 SAP, wells with less than 2 feet of water column were hand bailed.

Water collected in the bailer was placed directly into sample containers and water quality parameters were measured following sample collection, if sufficient water was present. This procedure was used for wells MW-6R, MW-22D, MW-23D, MW-24D, MW-27D, CB-1, CB-2, CB-6, SI-2, and SI-4. The wells sampled using hand bailers are denoted with a sample method of "HB" on **Table 1**. All samples and water quality parameter measurements were collected with the following exceptions:

- An insufficient volume of water was able to be collected using a bailer for measurement of water quality parameters and collection of metals, total dissolved solids (TDS), sulfate, or chloride samples in wells MW-6R, CB-1, CB-2, CB-6, or SI-4;
- An insufficient volume of water was able to be collected using a bailer for collection of metals, TDS, sulfate, or chloride samples in well MW-24D; and

- An insufficient volume of water was able to be collected using a bailer for measurement of water quality parameters in well SI-2.
- In accordance with the June 15, 2017 DTSC letter (DTSC, 2017), wells with more than 2 feet of water column were purged using low flow methods. Perched zone wells MW-8, MW-10R, MW-12, MW-13, MW-14, MW-16, MW-22, and MW-30 each had water columns greater than 2 feet in length. If the well was a low recharge well (if the well could not sustain a water level within 25% of the depth between the initial depth to water and the pump depth at a pumping rate of 30 mL/minute [mL/min]), purging would stop. The well was sampled using a bailer following recharge of the well to at least 80% of the original water column. This sampling technique was used for monitoring wells MW-8 and MW-30, during which time a total of 1,200 mL and 2,100 mL, respectively, were purged. In wells MW-8 and MW-30, the water level steadily dropped during purging at the 30 mL/min rate and reached the maximum drawdown level after approximately 40 minutes (MW-8) and 70 minutes (MW-30). All sample containers for both MW-8 and MW-30 were filled using disposable bailers.

The wells sampled in this manner are denoted with a purge method of “LF” and a sample method of “HB” on **Table 1**.

- Six perched zone wells (MW-10R, MW-12, MW-13, MW-14, MW-16, and MW-22) and six Exposition aquifer wells (CB-3, MW-1D, MW-11D, MW-12D, MW-25D, and MW-26D) were purged and sampled using low flow techniques. The wells sampled using low-flow techniques are denoted with “LF” on **Table 1**.

As noted on **Table 1**, the purge rates for perched zone wells ranged from 30 to 100 mL/min, with the exception of MW-16; the flow rate decreased to 20 mL/min during purging at MW-16. The purge rates were generally similar to those used during prior quarterly monitoring events.

The purge rates in the Exposition aquifer ranged from 70 to 150 mL/min, with the exception of well MW-1D. The purge rate at MW-1D was 25 to 50 mL/min due to declining water levels during purging.

During purging, field parameters were monitored using a YSI-Pro Plus multi-parameter instrument equipped with a flow-through cell. The field parameters monitored include temperature, pH, conductivity, dissolved oxygen (DO), and oxidation reduction potential (ORP); turbidity was measured using a Hach portable turbidity meter (**Table 1; Appendix A**). Sample bottles were filled in the following order:

- VOCs – three 40 mL vials preserved with hydrochloric acid
- Dissolved metals – one 250 mL poly bottle, unpreserved and lab filtered
- Sulfate, chloride, and total dissolved solids (plus nitrate for select wells) – one 250 mL poly bottle, unpreserved
- Dissolved gases – two 40 mL vials preserved with hydrochloric acid (select wells)
- Ferrous Iron – one 250 mL amber glass bottle, unpreserved (select wells)

Samples were immediately labeled, bagged, placed on ice, and logged onto a chain-of-custody document. Each sample label contained the following information:

- Sample identifier
- Collection date
- Collection time
- Facility name
- Laboratory analyses
- Preservative
- Sample collector's initials

Three duplicate samples were collected during the 2021 sampling event from wells MW-12, MW-11D, and MW-14. Equipment blanks were collected daily (when the bladder pumps were used) from each of the sampling crews. One field blank sample was collected during each day of the sampling event.

The samples were picked up at the end of each day during the sampling event by a courier from Eurofins and were subsequently delivered to their stationary laboratory in Irvine, California for analysis.

A submersible bladder pump was used to purge the wells using low-flow techniques. New bladders and tubing were used at each low-flow well during the sampling event. The bladder pump and water level sounder were decontaminated between each well using a phosphate-free soap and a pressure washer. The YSI multi-parameter meter flow-through cell was rinsed with deionized water between each well.

At the end of each day, purge and decontamination water was transferred to the on-site wastewater treatment system for proper treatment and disposal to the Los Angeles County sewer under Exide's wastewater permit.

4 Results of Groundwater Monitoring and Sampling

This section presents the results of groundwater monitoring during the 2021 groundwater monitoring event. Groundwater sample results are subdivided into three groups: VOCs, metals, and other parameters.

4.1 VOCs

Groundwater samples collected from all the sampled monitoring wells were analyzed for VOCs by EPA Method 8260B; analytical results are summarized on **Table 2**. Laboratory analytical reports are presented in **Appendix C**. In accordance with the SAP and DTSC's December 18, 2017 letter regarding their review of the Third Quarter Groundwater Monitoring Report, concentrations of benzene, carbon tetrachloride, cis-1,2-dichloroethylene (cis-1,2-DCE), and trichloroethylene (TCE) detected in groundwater samples collected during the 2021 event are presented on **Figures 5 through 11** and are discussed in the sections below. Additionally, in accordance with the DTSC's October 22, 2018 letter regarding their review of the First Quarter Groundwater Monitoring Report, concentrations of tetrachloroethylene (PCE) and chloroform are also presented on **Figures 12 through 14**.

Any detected concentrations of VOCs were compared to California drinking water maximum contaminant levels (MCLs). VOC detections exceeding the MCLs and those that have had recent detections exceeding the MCL are discussed in the sections below. Concentrations of VOCs in the Exposition aquifer that exceed the MCLs are also contoured (carbon tetrachloride, TCE, and PCE; **Figures 7, 11, and 13**). Estimated (J-flagged) concentrations of VOCs reported by the laboratory (concentrations below the laboratory reporting limit, but above the method detection limit) were all below their respective MCLs (**Table 2**). Also, the laboratory reporting limits for VOCs were equal to or below the MCLs.

4.1.1 Benzene

Perched Zone

Benzene was detected above the laboratory reporting limit in one sample, at well MW-8, at a concentration of 0.62 microgram per liter ($\mu\text{g/L}$). The benzene concentration detected in MW-8 was below the MCL of 1 $\mu\text{g/L}$. No benzene was detected above the MCL of 1 $\mu\text{g/L}$ in any of the perched zone wells (**Figure 5**).

Exposition Aquifer

No benzene was detected at or above the laboratory reporting limit or the MCL in any of the Exposition aquifer wells (**Figure 6**).

4.1.2 Carbon Tetrachloride

Perched Zone

No carbon tetrachloride was detected at or above the laboratory reporting limit or the MCL of 0.5 µg/L in samples from any of the perched zone wells sampled. The laboratory reporting limit exceeded the MCL in one sample (SI-2, with a reporting limit of 2.0 µg/L).

Exposition Aquifer

Carbon tetrachloride was detected above the laboratory reporting limit and the MCL of 0.5 µg/L in eight Exposition aquifer wells during the sampling event. The concentrations on-Site ranged from 0.59 µg/L in MW-23D to 3.0 µg/L in MW-27D. The off-Site concentrations detected above the laboratory reporting limit were 0.53 µg/L in MW-25D and 8.1 µg/L in MW-22D (**Figure 7**); however, it should be noted that off-Site Univar monitoring well UMW-34 was not sampled this quarter. The sample collected from Univar well UMW-34 in June 2019, the most recent publicly available data, contained 5.1 µg/L carbon tetrachloride. In 2021, the highest concentration was detected in the off-Site, downgradient well MW-22D, located on the Baker Commodities property.

4.1.3 1,2-Dichloroethane (DCA)

Perched Zone

No 1,2-DCA was detected at or above the laboratory reporting limit or the MCL of 0.5 µg/L in samples from any of the perched zone wells. The laboratory reporting limit exceeded the MCL in one sample (SI-2, with a reporting limit of 2.0 µg/L).

Exposition Aquifer

No 1,2-DCA was detected at or above the laboratory reporting limit or the MCL in samples from any of the Exposition aquifer wells.

4.1.4 Cis-1,2-Dichloroethene (DCE)

Perched Zone

Cis-1,2-DCE was detected at or above the laboratory reporting limit in four wells: MW-8, MW-13, MW-14, and MW-16 at concentrations of 1.2 µg/L, 1.8 µg/L, 1.8 µg/L, and 2.1 µg/L, respectively. None of the concentrations exceeded the MCL of 6 µg/L (**Figure 8**).

Exposition Aquifer

No cis-1,2-DCE was detected at or above the laboratory reporting limit or MCL in any Exposition aquifer samples (**Figure 9**).

4.1.5 Trichloroethylene (TCE)

Perched Zone

TCE was detected at or above the laboratory reporting limit in four wells: MW-8, MW-14, SI-4, and CB-6. Of the detections, only the original and duplicate samples from MW-14 exceeded the MCL of 5 µg/L. The concentration of TCE detected in the groundwater samples from well MW-14 was 360 µg/L in the original sample and 500 µg/L in the duplicate sample (**Figure 10**).

Exposition Aquifer

TCE was detected at or above the laboratory reporting limit in groundwater from seven Exposition aquifer wells: MW-11D, MW-12D, MW-22D, MW-24D, MW-25D, MW-26D, and MW-27D. Four of the detections were below the MCL. Samples from three wells exceeded the MCL. The concentrations exceeding the MCL were 46 µg/L (47 µg/L in the duplicate) in eastern perimeter Facility well MW-11D, 15 µg/L in eastern perimeter Facility well MW-12D, and 28 µg/L in eastern off-Facility well MW-26D (**Figure 11**).

Historically, the well with the highest concentration was the off-Site and upgradient Univar well UMW-34. VERT did not sample the Univar well during the 2021 sampling event, as approved by DTSC on September 29, 2021. The most recent public data available on Envirostor for the Univar site is from June 2019 (the TCE concentration detected by Univar at UMW-34 was 130 µg/L).

4.1.6 Tetrachloroethylene (PCE)

Perched Zone

PCE was detected at or above the laboratory reporting limit in three perched zone wells: MW-6R, CB-1, and CB-2. PCE was detected above the MCL of 5 µg/L in two of the perched zone wells, CB-1 and CB-2, at concentrations of 7.7 µg/L and 19 µg/L, respectively.

Exposition Aquifer

PCE was detected at or above the laboratory reporting limit in groundwater from six Exposition aquifer wells: MW-11D, MW-12D, MW-22D, MW-26D, MW-24D, and MW-27D. One sample contained PCE at a concentration that slightly exceeded the MCL of 5 µg/L. This sample was collected from the eastern off-Facility well MW-26D (6.5 µg/L; **Figure 12**).

Historically, the well with the highest concentration was the off-Site and upgradient Univar well UMW-34. VERT did not sample the Univar well during the 2021 sampling event. The most recent public data available on Envirostor for the Univar site for UMW-34 is from June 2019 (the PCE concentration detected by Univar was 29 µg/L).

4.2 Metals

The groundwater samples were analyzed for dissolved metals by EPA Method 6020/7470A.

Detections of dissolved metals within the perched zone wells at concentrations greater than the MCL are discussed in the sections below. In accordance with the SAP, results for select dissolved metals are presented on **Figures 15 through 24** and summarized on **Table 3**. The analytical results are discussed in the following subsections and are compared to laboratory reporting limits and MCLs. The laboratory reporting limits for metals were all equal to or below the MCLs except for the reporting limits for the following:

- The reporting limit for antimony, arsenic, beryllium, cadmium, lead, and thallium for sample MW-22 was greater than the MCL. The method detection limit for arsenic, cadmium, and lead was equal to or less than the MCL.
- The reporting limit for thallium for samples MW-8, MW-13, and MW-14 was greater than the MCL; however, the method detection limit was less than the MCL.

Some samples contained concentrations below the laboratory reporting limits, but greater than the method detection limit; these samples are J-flagged as shown on **Table 3**. All estimated (J-flagged) concentrations of metals reported by the laboratory were below their respective MCLs, with the exception of cadmium in the sample from MW-22.

4.2.1 Antimony (Sb)

Dissolved antimony was detected at a concentration above the laboratory reporting limit, but below the MCL of 0.006 milligrams per liter (mg/L), in one perched zone sample (SI-2; **Figure 15**). Antimony was not detected above the MCL in any perched zone wells.

In the Exposition monitoring wells, dissolved antimony was detected at a concentration above the laboratory reporting limit in one well (MW-23D). The detected concentration was below the MCL of 0.006 mg/L. No wells contained concentrations of antimony above the MCL. (**Figure 16**).

4.2.2 Arsenic (As)

Dissolved arsenic was detected at or above the laboratory reporting limit in samples from five perched zone wells (**Figure 17**). Concentrations of dissolved arsenic exceeding the MCL of 0.01 mg/L were detected in the original and duplicate samples from one of the perched zone wells, MW-14, with concentrations of 0.016 mg/L and 0.014 mg/L, respectively.

In the Exposition monitoring wells, arsenic was detected at or above the laboratory reporting limit in one well (MW-1D at 0.0011 mg/L). Arsenic was not detected in any Exposition aquifer wells at a concentration above the MCL (**Figure 18**).

4.2.3 Beryllium (Be)

Dissolved beryllium was detected at or above the laboratory reporting limit in samples from four of the perched zone wells: MW-8, MW-13, MW-14, and MW-16. Dissolved beryllium was detected at concentrations above the MCL in the four wells, with concentrations ranging between 0.016 mg/L and 0.043 mg/L.

In the Exposition monitoring wells, no dissolved beryllium was detected at or above the laboratory reporting limit or greater than the MCL.

4.2.4 Cadmium (Cd)

Dissolved cadmium was detected at or above the laboratory reporting limit in samples from four of the perched zone wells: MW-8, MW-13, MW-14, and MW-16 (**Figure 19**). The dissolved cadmium concentrations in the four wells were above the MCL of 0.005 mg/L, with concentrations ranging between 0.13 mg/L and 0.28 mg/L. Additionally, the J-flagged concentration detected below the laboratory reporting limit in MW-22 was estimated to be 0.0066 mg/L, which is greater than the MCL.

In the Exposition monitoring wells, no groundwater samples had dissolved cadmium detections at or above the laboratory reporting limit or greater than the MCL (**Figure 20**).

4.2.5 Chromium (Cr)

Dissolved chromium was detected at or above the laboratory reporting limit in samples from four of the perched zone wells: MW-10R, MW-12, MW-16, and MW-30. The detected concentrations ranged from 0.0035 mg/L to 0.018 mg/L. None of the chromium detections exceeded the MCL of 0.05 mg/L.

In the Exposition monitoring wells, 10 groundwater samples from 9 wells had dissolved chromium concentrations at or above the laboratory reporting limit; however, none of the concentrations exceeded the drinking water MCL.

4.2.6 Lead (Pb)

Dissolved lead was detected at or above the laboratory reporting limit in samples from four of the perched zone wells: MW-13, MW-14, MW-16, and MW-30 (**Figure 21**). Detected concentrations exceeded the California Action Level of 0.015 mg/L in samples from three of the wells, with concentrations of 0.017 mg/L in MW-13, 0.046 mg/L in MW-14 (0.044 mg/L in the duplicate sample from MW-14), and 0.017 mg/L in MW-16. No California primary or secondary MCL exists for lead.

In the Exposition monitoring wells, the primary and duplicate groundwater samples from one well (MW-11D) had dissolved lead concentrations at or above the laboratory reporting limit. None of the detected concentrations exceeded the California Action Level (**Figure 22**).

4.2.7 Mercury (Hg)

Dissolved mercury was detected at or above the laboratory reporting limit in samples from one of the perched zone wells: MW-14. Dissolved mercury concentrations were above the laboratory reporting limit in the primary and duplicate samples from MW-14, with a concentration of 0.0016 mg/L in both samples. The dissolved mercury concentrations did not exceed the MCL of 0.002 mg/L.

In the Exposition monitoring wells, no groundwater samples had a dissolved mercury concentration at or above the laboratory reporting limit or exceeding the MCL.

4.2.8 Nickel (Ni)

Dissolved nickel was detected at or above the laboratory reporting limit in the samples from nine of the perched zone wells. Dissolved nickel concentrations exceeded the MCL of 0.1 mg/L in four of the wells: MW-8, MW-13, MW-14, and MW-16. The dissolved nickel concentrations ranged from 0.92 mg/L to 1.7 mg/L.

In the Exposition monitoring wells, dissolved nickel was detected at or above the laboratory reporting limit in three wells: MW-1D, MW-22D, and MW-23D. The detected concentrations ranged from 0.0010 mg/L to 0.0030 mg/L. No groundwater samples had a dissolved nickel concentration above the drinking water MCL of 0.1 mg/L.

4.2.9 Selenium (Se)

Dissolved selenium was detected at or above the laboratory reporting limit in the samples from seven perched zone wells. Dissolved selenium concentrations exceeded the MCL of 0.05 mg/L in two of the wells, with concentrations of 0.051 mg/L (MW-13) and 0.10 mg/L and 0.090 mg/L (MW-14 original and duplicate samples).

In the Exposition monitoring wells, dissolved selenium was detected at or above the laboratory reporting limit in nine wells. None of the groundwater samples had a dissolved selenium concentration above the drinking water MCL.

4.2.10 Vanadium (V)

Dissolved vanadium was detected at or above the laboratory reporting limit in the sample from six of the perched zone wells. Dissolved vanadium concentrations exceeded the California Notification Level of 0.05 mg/L in two of the perched zone wells, with concentrations of 0.085 mg/L (MW-8) and 0.15 mg/L (MW-13). No California primary or secondary MCL exists for vanadium.

In the Exposition monitoring wells, dissolved vanadium was detected in samples from eight wells; however, none of the groundwater samples had dissolved vanadium concentrations above the California Notification Level.

4.2.11 Zinc (Zn)

Zinc was detected at or above the laboratory reporting limit in samples from five of the perched zone wells (**Figure 23**). Dissolved zinc concentrations exceeded the secondary MCL of 5 mg/L in samples from four of the perched zone wells, with concentrations ranging between 15 mg/L (MW-14) and 23 mg/L (MW-16).

In the Exposition monitoring wells, dissolved zinc was detected at or above the laboratory reporting limit in one well. The dissolved zinc concentration was 0.022 mg/L in MW-23D; the concentration was below the secondary MCL of 5 mg/L (**Figure 24**).

4.3 Other Parameters

Laboratory analytical results and select field measurements for other parameters are presented on **Tables 4 and 5**. Results for the individual parameters monitored are discussed in the sections below.

4.3.1 Total Dissolved Solids (TDS)

The groundwater samples were analyzed for TDS by Method SM 2450C.

Perched Zone

TDS was detected above the California upper secondary MCL of 1,000 mg/L in all but one of the on- and off-Site perched zone samples (**Figure 25 and Table 4**). TDS concentrations in samples from the on-Site wells ranged from 940 mg/L in SI-2 to 11,000 mg/L in MW-14. The TDS concentration in the sample from off-Site perched zone well MW-22 was 27,000 mg/L.

Exposition Aquifer

TDS was detected at or above the California upper secondary MCL of 1,000 mg/L in all of the on- and off-Site Exposition aquifer groundwater samples (**Figure 26 and Table 4**). TDS concentrations in the Exposition aquifer groundwater samples from on-Site wells ranged from 1,000 mg/L in MW-26D to 3,600 mg/L in MW-23D. The TDS concentrations in the groundwater from off-Site Exposition aquifer wells were 1,100 mg/L in MW-25D and 2,000 mg/L in MW-22D.

4.3.2 Sulfate

The groundwater samples were analyzed for sulfate by EPA Method 300.0.

Perched Zone

Sulfate was detected above the California upper secondary MCL of 500 mg/L in all but two of the perched zone samples (**Figure 27 and Table 4**). Sulfate concentrations exceeding the upper secondary MCL ranged from 1,100 mg/L in MW-12 to 7,100 mg/L in MW-14.

Exposition Aquifer

Sulfate concentrations in excess of the California upper secondary MCL were detected in samples from three Exposition aquifer wells (**Figure 28 and Table 4**). The concentrations detected in samples from on-Site wells exceeding the upper secondary MCL ranged from 610 mg/L in well MW-23D to 930 mg/L in MW-11D; there were no samples from off-Site wells with concentrations exceeding the upper secondary MCL.

4.3.3 Chloride

The groundwater samples were analyzed for chloride by EPA Method 300.0.

Perched Zone

Chloride was detected above the California upper secondary MCL of 250 mg/L in six perched zone wells (**Figure 27 and Table 4**). Chloride concentrations exceeding the upper secondary MCL in on-Site wells ranged from 310 mg/L in MW-16 and to 1,200 in MW-30. The sample from off-Site well MW-22 contained 13,000 mg/L chloride.

Exposition Aquifer

Chloride concentrations in excess of the California upper secondary MCL were detected in five Exposition aquifer wells (**Figure 28 and Table 4**). The concentrations detected in samples from on-Site wells exceeding the upper secondary MCL ranged from 550 mg/L in well MW-27D to 1,200 mg/L in MW-23D; the sample from one off-Site well (MW-22D at 650 mg/L) exceeded the upper secondary MCL.

4.3.4 pH

In accordance with the April 18, 2018 DTSC letter reviewing Exide's Q4 2017 Annual Groundwater Monitoring Report, laboratory measurements of pH have been discontinued. Field measurements of pH were recorded and are discussed below.

Perched Zone

The pH of the samples from wells in the perched zone ranged from 2.48 to 7.28 based on the field measurements. pH values of less than 6.5 were reported in samples from wells MW-8, MW-13, MW-14, MW-16, and MW-22. These concentrations represent acidic conditions present in portions of the discontinuous perched zone water. Field-measured pH in the perched zone wells are presented in **Table 4** and on **Figure 29**.

Exposition Aquifer

The pH of Exposition aquifer wells ranged from 6.95 to 7.98. The field-measured pH in the Exposition aquifer samples were all within the MCL range of 6.5 to 8.5. Field pH in the Exposition aquifer wells are presented in **Table 4** and on **Figure 30**.

4.3.5 Monitored Natural Attenuation Parameters

Samples from select wells (MW-11D, MW-12D, MW-22D, MW-25D, and MW-26D) were also analyzed for the following MNA parameters: dissolved gases, nitrate, and ferrous iron. Wells MW-17 and MW-20D were to be analyzed for these MNA parameters as well, however, insufficient water was present in these wells.

Dissolved gases were analyzed by Method RSK-175 in six samples from five Exposition aquifer wells (MW-11D, MW-12D, MW-22D, MW-25D, and MW-26D). All results were reported as below the laboratory reporting limits. J-flagged, estimated concentrations of methane were detected in MW-11D (0.079J $\mu\text{g/L}$), MW-22D (0.25J $\mu\text{g/L}$), and MW-25D (0.14 $\mu\text{g/L}$).

Nitrate was analyzed by EPA Method 300.0 in groundwater from six samples from the five Exposition aquifer wells. The nitrate concentrations ranged from 16 mg/L to 23 mg/L, with no discernable pattern between on-Site and downgradient concentrations. The nitrate concentrations all exceed the MCL of 10 mg/L.

Ferrous iron was analyzed by Method SM 3500 Fe B in six samples from the five Exposition aquifer wells. All results were reported as below the laboratory reporting limit of 0.10 mg/L.

These data are tabulated in **Table 5** and included in **Appendix C**.

Dudek evaluated the Site data for evidence of natural attenuation. Dudek used the evaluation process detailed in the EPA 1998 Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water (EPA, 1998). While five wells were analyzed for MNA parameters, Dudek evaluated three of the wells using the EPA evaluation process. The three wells, MW-11D, MW-12D, and MW-25D are located generally downgradient from one another. The data evaluation process assigns points to different analyses based on the results. If a result indicates biodegradation or reductive dechlorination is likely to be occurring, a higher value is assigned. If the data do not indicate evidence of biodegradation, a low value or negative value is assigned. Based on the low values assigned to the Site data using wells MW-11D, MW-12D, and MW-25D, there is currently inadequate evidence for anaerobic biodegradation or reductive dechlorination. Natural attenuation may still occur through advection, dispersion, and sorption.

Preliminary Screening for Anaerobic Biodegradation Processes

Analysis	Concentration (2021)			MNA Points		
	MW 12D	MW 11D	MW 25D	MW 12D	MW 11D	MW 25D
Oxygen (DO; mg/L)	5.6	4.21	7.02	-3	0	-3
Nitrate as N (mg/L)	16	20	17	0	0	0
Ferrous Iron (mg/L)	<0.1	<0.1	<0.1	0	0	0
Sulfate (mg/L)	390	930	250	0	0	0
Methane (mg/L)	<0.001	<0.001	<0.001	0	0	0
ORP (mV)	93	172.4	93.4	0	0	0
pH	7.44	7.03	7.98	0	0	0
Temp (degrees C)	24.6	23.2	23	1	1	1
Chloride (mg/L)	170	250	160	0	0	0
PCE (ug/L)	2.5	4.6	<1	0	0	0
TCE (ug/L)	15	47	4.7	2	2	2
c-1,2-DCE (ug/L)	<1	<1	<1	0	0	0
VC (ug/L)	<0.5	<0.5	<0.5	0	0	0
Ethene (mg/L)	<0.001	<0.001	<0.001	0	0	0
TOTAL POINTS				0	3	0

5 Quality Control (QC)

The 2021 sampling and analysis activities were carried out using procedures described in the Sampling and Analysis Plan (AGC, 2015) and the DTSC June 15, 2017 letter (DTSC, 2017).

The following field QC samples were collected and analyzed:

- Three duplicate samples analyzed for the same parameters as the primary sample;
- One trip blank sample per cooler containing samples for VOC analysis, per day (six trip blank samples total);
- One equipment blank sample per day for each submersible bladder pump that was used for sample collection (six equipment blank samples total);
- One field blank per day (three field blank samples total); and
- Extra sample volume for three samples (one per day) for matrix spike/matrix spike duplicate (MS/MSD) analysis.

Laboratory QC samples included method blanks, laboratory control spikes, MS/MSD analysis, and evaluation of surrogate recovery.

The QC evaluation of the analytical data, including results of laboratory and field QC samples, is summarized below.

5.1 Field QC Samples

Field QC samples were collected in 2021, as described in the Sampling and Analysis Plan (AGC, 2015).

Field Blank Samples

Three field blank samples (one per day) were collected during the 2021 sampling event. The field blanks were collected at wells CB-3 (09/27/21), MW-16 (09/28/21), and MW-14 (09/29/21) following collection of the groundwater samples at those locations. Field blank samples were collected using laboratory-supplied water and laboratory-supplied sample containers. The results of the field blank sample analyses are discussed in Section 5.2.3.

Field Duplicate Samples

Field duplicate samples were collected from three monitoring wells immediately after the primary sample was collected. Each of the bottles was filled in order (i.e., primary VOCs then duplicate sample VOCs, primary dissolved metals then duplicate dissolved metals, etc.). The results of the field duplicate samples are used to evaluate the precision of the overall sampling and analytical system by comparing the relative percent difference (RPD) with an established RPD limit of 20%.

Field duplicates were submitted to the laboratory and analyzed for the same parameters as the primary samples. Field duplicate samples were assigned fictional sample identifiers and were collected from the following wells: MW-12 (SS-1), MW-11D (SS-2), and MW-14 (SS-3). The results of the duplicate sample analyses are discussed in Section 5.2.9.

Equipment Blank Samples

Six equipment blank samples were collected during the 2021 sampling event to determine the effectiveness of the equipment decontamination. The equipment blank samples were analyzed for each of the parameters sampled using the pump for each particular day. Equipment blank samples were collected after the pump was decontaminated using a phosphate-free soap and a pressure washer. The equipment blank samples were collected by pouring laboratory-supplied water over the pump and collecting the water in laboratory-supplied sample containers. The results of the equipment blank sample analyses are discussed in Section 5.2.4.

Trip Blank Samples

Trip blank samples were provided by Eurofins. One set of trip blank samples was included in each cooler with samples for VOC analysis during the sampling event. The trip blank samples were analyzed for VOCs to determine if any contamination may have occurred during sample transport. The results of the trip blank sample analyses are discussed in Section 5.2.2.

5.2 Data Quality Assessment

The 2021 groundwater data was reviewed for the following areas to evaluate potential impact on data quality:

- Analytical Holding Times and Sample Preservation
- Field and Laboratory Blank Samples
- Laboratory Control Samples (LCS) and LCS Duplicate (LCSD)
- Trip Blank Samples
- Equipment Blank Samples
- Matrix Spike/Matrix Spike Duplicate Samples
- Field Duplicates
- Surrogate Compound Recovery

The analytical data obtained during the 2021 groundwater monitoring event are considered to be acceptable and usable for the intended monitoring purposes. While the laboratory and field blank data indicate a potential slight high bias for some of the low, J-flagged concentrations, this is not significant because the blank concentrations are all very low (less than laboratory reporting limits) and do not impact the overall findings of this report. No systematic control problems were identified.

Below is a summary of the data quality assessment for the 2021 groundwater sampling event.

5.2.1 Holding Times, Sample Preservation, and Receiving

The temperatures measured for all sample coolers ranged from 0.4 to 0.9 degrees Celsius. The samples were all received by the laboratory in good condition. The laboratory did not note any inconsistencies in sample containers, labeling, or the chain-of-custody.

Holding time requirements were met for all samples except for ferrous iron, which is considered a field parameter with a holding time of 15 minutes.

5.2.2 Trip Blanks

Trip blank (TB) samples were included with the samples in each of the coolers with samples for VOC analysis shipped to the laboratory. A total of six TB samples were analyzed for VOCs by EPA Method 8260B. None of the samples contained VOCs at or above the laboratory reporting limits. The results of the TB samples are presented in **Table 6**.

5.2.3 Field Blanks

A total of three field blank (FB) samples were collected during the 2021 sampling event. The field blank samples were analyzed for VOCs, dissolved metals, sulfate, chloride, nitrate, total dissolved solids, dissolved gases, and ferrous iron. None of the field blank samples contained these analytes at concentrations at or above the laboratory reporting limits. J-flagged concentrations of acetone, methane, copper, and zinc were detected in certain FB samples. The J-flagged concentrations in the FB samples may indicate cross-contamination from ambient conditions at the Site. The J-flagged acetone detection (6.2J µg/L) was on September 29, 2021 and may have impacted J-flagged acetone results in four samples with concentrations of 4.3J µg/L to 7.5J µg/L. The J-flagged methane results in the FB sample were similar to J-flagged results in site samples and may indicate cross-contamination or error. The J-flagged zinc concentrations in the FB samples may indicate some cross-contamination or error in the low J-flagged zinc concentrations. The J-flagged copper concentration in the FB sample was much lower than any of the concentrations in groundwater samples, indicating no impact. While some of the J-flagged concentrations in the FB samples may indicate minor cross-contamination or error for some of the J-flagged acetone, methane, and zinc concentrations, this is not significant because the FB concentrations are all very low (less than laboratory reporting limits) and do not impact the overall findings of this report. The results of the field blank samples are presented in **Tables 6 through 8 and Appendix C**.

5.2.4 Equipment Blanks

A total of six equipment blank (EB) samples were collected during the 2021 sampling event. The equipment blank samples were analyzed for VOCs, dissolved metals, sulfate, chloride, nitrate, total dissolved solids, dissolved gases, and ferrous iron. None of the field blank samples contained these analytes at concentrations at or above the laboratory reporting limits. J-flagged concentrations of methane, copper, selenium, and zinc were detected in certain EB samples. The J-flagged concentrations in the EB samples may indicate cross-contamination from the pump or ambient conditions at the Site. The J-flagged methane results in the EB samples were similar to J-flagged results in site samples and may indicate cross-contamination or error. The J-flagged copper and zinc concentrations in the EB samples may indicate some cross-contamination or error in the low J-flagged copper and zinc concentrations. The J-flagged selenium concentration in the EB sample was much lower than any of the concentrations in groundwater samples, indicating no impact. While some of the J-flagged concentrations in the EB samples may indicate minor cross-contamination or error for some of the J-flagged methane, copper, and zinc concentrations, this is not significant because the EB concentrations are all very low (less than laboratory reporting limits) and do not impact the overall findings of this report. The results are presented in **Tables 6 through 8 and Appendix C**.

5.2.5 Surrogate Spikes

In 2021, surrogate spikes were analyzed for each groundwater sample analyzed for VOCs. In all of the samples, the surrogates (1,2-dichloroethane-d4, 4-bromofluorobenzene, dibromofluoromethane, and toluene-d8 for VOCs) were within their respective control limits. The percent of surrogate recoveries for each sample are tabulated in the laboratory analytical reports (**Appendix C**).

5.2.6 Matrix Spike/Matrix Duplicate Spikes

MS/MSD analyses were conducted by the laboratory as part of the QC procedures. Percent recoveries were examined for all analytes in EPA Method 8260B (VOCs), EPA Methods 6020/7470A (dissolved metals), EPA Method 300.0 (anions), and SM 3500 Fe B (ferrous iron). MS/MSD percent recoveries and RPD for all analytes were within control limits, with the following exceptions.

- The MS percent recovery for acetone using sample MW-12D was high in laboratory report 440-289484-1. An MSD was run using the same sample and the percent recovery for acetone was within the percent recovery limits. Additionally, the LCSs were within range, therefore, the data is deemed acceptable.
- The MSD using sample MW-12D had a high RPD for acetone, bromomethane, chloromethane, dichlorodifluoromethane, trichlorofluoromethane, and vinyl chloride. The RPDs for the LCS/LCSD for this sample were within limits, indicating acceptable data.
- The MSD using sample MW-12D had low percent recoveries for chloroethane, dichlorodifluoromethane, trichlorofluoromethane, and vinyl chloride. The percent recoveries were within range for the MS and LCS/LCSD, indicating acceptable data.
- Two of the five MS/MSD percent recoveries for sulfate were low. Sulfate concentrations in both samples had results that were greater than four times the matrix spike concentration; therefore, control limits were not applicable and the data are deemed acceptable.

5.2.7 Method Blanks

Laboratory method blank samples (MB) were analyzed as part of the 2021 sampling event. No VOCs, dissolved gases, anions, metals, ferrous iron, or total dissolved solids were detected in any of the MB samples at concentrations greater than the laboratory reporting limits. J-flagged concentrations of zinc were detected in two of the method blanks, with concentrations of 0.004J and 0.0059J mg/L. While these concentrations may indicate a slight high bias in some of the zinc concentrations, this is not significant because the MB concentrations are all very low (less than laboratory reporting limits) and do not impact the overall findings of this report.

5.2.8 Laboratory Control Samples

Laboratory control samples were analyzed as part of the 2021 sampling event. Percent recoveries were examined for EPA Method 8260 (VOCs), EPA Methods 6020/7470A (dissolved metals), EPA Method 300 (anions), and SM 2450 (TDS). All percent recoveries for the LCSs were within QC limits, with the following exceptions:

- The percent recoveries for 1,2-dibromo-3-chloropropane and methyl tert-butyl ether were low in one of two LCS runs in laboratory report 440-289367-1. Neither were indicative of a systematic control problem because they were random marginal exceedances.

- The LCSD percent recovery for vinyl acetate was low in one of two LCSD runs in laboratory report 440-289367-1. This was not indicative of a systematic control problem because it was a random marginal exceedance.
- The RPD for the LCS/LCSD for 4-methyl-2-pentanone was high in one of the LCSD runs in laboratory report 440-289367-1. The RPD was within acceptable limits in the other three LCS/LSCDs and the three MS/MSDs for the sampling event; therefore, the data are acceptable.
- The LCSD percent recovery for vinyl acetate was low in laboratory report 440-289412-1. This was not indicative of a systematic control problem because it was a random marginal exceedance.

5.2.9 Duplicate Samples (field)

Three sample/duplicate pairs were collected during the 2021 sampling event. The duplicates were collected at MW-12 (SS-1), MW-11D (SS-2), and MW-14 (SS-3). The results for the duplicate samples are discussed below. RPDs were not calculated if one analyte of the duplicate pair was not detected above the reporting limit or if the reported concentration was less than five times the reporting limit. The RPDs for VOCs, dissolved gases, metals, ferrous iron, total dissolved solids, and anions were within the range of 0-20% for all three duplicate pairs except for the following:

- The RPD for one duplicate pair for TCE was 33%, which is higher than the goal of 0-20%. The average RPD for the duplicate pairs for TCE was 17%, which is within the goal of 0-20%.

6 Discussion

Information presented in this section is intended to meet the annual reporting criteria as outlined in the Advanced GeoServices 2015 SAP. Specifically, the SAP requires:

- Hydrographs for the Exide-installed wells
- Time series plots for key constituents of concern (VOCs, metals, and other parameters)
 - VOCs – benzene, TCE, and cis-1,2-DCE
 - Dissolved Metals – antimony, arsenic, cadmium, lead, and zinc
 - Other Parameters – pH and sulfate
- Discussion about groundwater trends in the perched zone and Exposition aquifer wells
- Discussion about concentration changes in the key constituents of concern over 10 years

In addition to discussion of groundwater elevation trends and concentration changes in the key constituents, this report also presents historical data graphs for additional constituents (carbon tetrachloride in the Exposition aquifer wells and beryllium, nickel, and selenium in the perched zone wells) and total dissolved solids in both the perched zone and Exposition aquifer.

The groundwater elevation trends and analyte concentration trends for VOCs, metals, and other parameters are discussed in the following sections for the Exposition aquifer and perched zone wells.

Groundwater elevation hydrographs and concentration vs. time plots are presented in **Appendix D**. For ease of comparison of groundwater and analyte trends on the graphs, the Site and surrounding area have been divided into an eastern and western area, because the Facility is bisected by the open and enclosed stormwater channels (**Appendix D**). Hydrographs for perched zone and Exposition aquifer wells are presented separately. While the SAP specifically calls for presentation of graphs for Exide-installed wells (wells on and off-Site installed by Exide), this presentation also includes data for wells installed by others that were previously sampled within the past 10 years by Exide (Baker wells BMW-1, -2, and -3, former Honeywell HMW wells and Univar well UMW-34).

The graphs use two different symbol styles on the concentration vs. time plots – open and closed symbols. These symbol configurations are described below.

- Closed symbols
 - Detections of the constituent at or above the laboratory reporting limit.
- Open symbols
 - Constituent not detected at or above the laboratory reporting limit; the plotted concentration is $\frac{1}{2}$ of the laboratory reporting limit; or
 - Constituent is reported as an estimated concentration less than the reporting limit (J-flag); the plotted concentration is the estimated concentration reported by the laboratory.

In addition, the concentration vs. time plots for some of the perched zone wells show a break in the line on the plots; these breaks in the line represent wells that were no longer sampled due to insufficient water or based on changes to the sampling plan that have been approved by DTSC.

6.1 Exposition Aquifer Trends

The on-Site Exposition aquifer wells include MW-1D, MW-6D, MW-9D, MW-11D, MW-12D, MW-16D, MW-23D, MW-26D, MW-27D, and CB-3. The off-Site wells installed by Exide include: MW-17, MW-20D, MW-22D, MW-24D, and MW-25D. Exide also previously monitored/gauged off-Site wells HMW-3, -6, -7, -8, and -9 (maintained by Honeywell/Baker) and UMW-34 (maintained by Univar).

6.1.1 Water Levels

Historical groundwater elevations are shown on Graphs 1a (eastern area) and 1b (western area).

6.1.1.1 Eastern Area

With the exception of MW-17, which was installed in 2010, the Exide-installed Exposition aquifer wells were installed in 2015. The groundwater elevation at MW-17 fluctuated between approximately 34 and 34.75 feet amsl during the first two years of monitoring. Thereafter (beginning in 2013), the groundwater elevation has steadily declined, with a more than 8-foot decrease through June 2019. Between June 2019 and 2021, the water level in well MW-17 has declined steeply and no longer follows the same trend as the other Exposition aquifer wells. The reason for this difference is not known.

The hydrographs for the wells installed in 2015 also show water level decreases of more than 1 foot per year. The groundwater elevation decline is relatively steady with the exception of two periods when the groundwater elevation of some of the monitoring wells leveled off temporarily. These two periods are in early 2016 (Wells MW-6D, MW-27D, and CB-3, located on the northern portion of the Facility) and in early 2017 (Wells MW-11D, -12D, -17, -25D, -26D, and -27D, as well as the HMW wells). Based on the 2021 water elevation data, the decline may have recently leveled off slightly, as well.

Groundwater elevations are generally higher in the eastern area of the Facility than in the western area, which corresponds with the regional groundwater flow direction, from the northeast to the southwest.

6.1.1.2 Western Area

Western area wells MW-9D, -16D, -20D, -22D, -23D, and -24D show groundwater elevation decreases of more than 1 foot per year, with no significant leveling off of elevations in early 2016 and early 2017. The water level in wells MW-9D, MW-16D, and MW-20D are or appear to be below the screened interval.

6.1.2 VOCs

Benzene has not been detected at the Facility at concentrations above the laboratory reporting limit in the Exposition aquifer wells. For that reason, benzene data has not been plotted. The VOCs plotted on the hydrographs are cis-1,2-DCE, carbon tetrachloride, and TCE. Each of these VOCs is discussed below.

6.1.2.1 Cis-1,2-DCE

Eastern Area (Graph 2a)

No cis-1,2-DCE was detected above the MCL of 6 µg/L in any eastern area Exposition Facility wells. Concentrations of cis-1,2-DCE in well MW-17 exceeded the MCL until Q4 2012; the detected concentrations since 2012 have been below the MCL. In 2015, three off-Site monitoring wells, located on the former Honeywell/Baker property located up or cross gradient of the Facility, had detections of cis-1,2-DCE exceeding the MCL. All four of these monitoring wells with MCL exceedances are located off-Site and to the east of the Facility.

Western Area (Graph 2b)

No cis-1,2-DCE was detected above the MCL of 6 µg/L since 2018 in the western area Exposition wells. Concentrations of cis-1,2-DCE in well MW-16D exceeded the MCL until Q4 2017. The concentrations of cis-1,2-DCE in well MW-9D fluctuated above and below the MCL until 2018.

6.1.2.2 Carbon Tetrachloride

Eastern Area (Graph 3a)

Carbon tetrachloride has been detected in all of the eastern area Exposition wells, with the exception of MW-1D. Carbon tetrachloride has been detected at concentrations ranging from <0.5 µg/L to 8.8 µg/L in the other eastern area Exposition wells. The concentrations of carbon tetrachloride in many of the wells have fluctuated quarter to quarter, but stayed relatively steady over time.

The wells with the highest concentrations of carbon tetrachloride over time are located on the up-gradient edge of the Facility along the northern or eastern perimeter (MW-6D and MW-12D) or are located outside of the Facility toward the east (UMW-34, MW-17, MW-25D, MW-26D, and the HMW wells). The highest concentration of carbon tetrachloride in 2018 was detected in the upgradient Univar well UMW-34 (6.1 µg/L). UMW-34 has not been sampled by Exide or VERT recently. The well with the longest sampling history, MW-17, shows relatively steady concentrations until 2016, and then a general decline in concentrations thereafter.

Western Area (Graph 3b)

Concentrations of carbon tetrachloride (from 0.58 µg/L to 10 µg/L) have been detected above the MCL of 0.5 µg/L in three of the western area wells (MW-16D, -22D, and -23D, located in the western area and south of the Facility). The concentrations of carbon tetrachloride in Wells MW-16D and MW-23D have fluctuated above and below the MCL over time. The highest concentrations were detected in off-Site downgradient well MW-22D, located on the Baker Commodities site. The concentrations in well MW-22D have generally declined or been stable over time, but have remained above the MCL.

6.1.2.3 TCE

Eastern Area (Graph 4a)

In 2021, three eastern area Exposition aquifer wells had TCE concentrations above the MCL of 5 µg/L and four wells had TCE concentrations below the MCL. The highest concentrations of TCE were detected along the eastern Facility boundary at MW-11D and east of the Facility at MW-26D. TCE concentrations have generally decreased in MW-11D over time and increased in MW-26D over time. Based on the August 2019 Univar Semiannual Groundwater Monitoring and Remediation Progress Report, the TCE concentration at upgradient Univar well UMW-34 has increased between 2015 and 2019, the date of the most recent publicly available sample data.

The highest concentrations historically were detected in MW-11D and UMW-34. The lowest concentrations were generally detected along the open and enclosed stormwater channels, along the western portion of the containment building and on the southern, downgradient edge of the Facility. The wells with TCE concentrations exceeding the MCL do not appear to demonstrate any overall trends and do not appear to correlate with the steady decrease in the groundwater elevations.

Western Area (Graph 4b)

In 2021, none of the western area wells had detections of TCE above the MCL. Historically, TCE concentrations in three of the western area wells have consistently been at or below the MCL of 5 µg/L; these wells (MW-22D, -23D, and -24D) are located in the central portion of the western area and offsite at the downgradient Baker Commodities facility. TCE concentrations in two western perimeter wells (MW-9D and -16D) have fairly consistently slightly exceeded the MCL; however, there was a downward trend in TCE concentrations at MW-16D, with concentrations below the MCL in 2019, when the well was last sampled. The concentrations in these western wells have generally declined or remained relatively stable over time. The concentrations in western off-Site well MW-20D have fluctuated above and below the MCL.

The highest concentrations in the western area wells are almost an order of magnitude less than the highest concentrations in the eastern wells.

6.1.3 Metals

None of the Exide wells screened within the Exposition aquifer have contained dissolved concentrations of antimony, beryllium, cadmium, lead, nickel, selenium, or zinc exceeding the MCL. Of the Exide wells screened within the Exposition aquifer, only Well MW-17, which is located off the Facility, on the Baker Commodities site, had only one sample that contained concentrations of arsenic exceeding the MCL of 10 µg/L. This sample was collected in February 2012 and had a concentration of 15.60 µg/L dissolved arsenic; all samples before and after this sample had concentrations below the MCL with a maximum concentration of 5.38 µg/L.

6.1.4 Other Parameters

The other parameters for which historical concentrations are plotted included pH, and TDS; each of which is discussed below.

6.1.4.1 Sulfate

Sulfate concentrations in 12 of the Exide-installed wells screened within the Exposition aquifer are consistently below or near the upper secondary MCL of 500 mg/L (Graphs 5a and 5b). In the eastern area, two monitoring wells screened within the Exposition aquifer have contained sulfate concentrations consistently above the secondary MCL (MW-11D and MW-1D) and the concentrations in these wells have declined over time. One well had concentrations in excess of the upper secondary MCL for four quarters only, from 2018 to 2019 (MW-27D). In the western area, four monitoring wells screened in the Exposition aquifer have had concentrations above the upper secondary MCL for sulfate (MW-24D, MW-20D, MW-16D and MW-23D). One well (MW-9D) was historically above the secondary MCL, but has been below the secondary MCL since 2017.

Some of the wells show a slightly decreasing trend in sulfate concentrations (Wells MW-1D, -11D, -12D, -25D, and CB-3 in the eastern area and MW-9D and -23D in the western area). Sulfate concentrations in well MW-12D were declining until 2021, when the concentration increased. The wells with the highest sulfate concentrations are MW-1D, -11D, and -24D (around 1,000 to 2,000 mg/L sulfate).

6.1.4.2 pH

For all monitoring wells screened in the Exposition aquifer, the pH has remained within the secondary upper and secondary lower MCLs of 8.5 and 6.5, respectively (Graphs 6a and 6b).

6.1.4.3 TDS

Groundwater samples beginning in Q4 2016 were analyzed for TDS (Graphs 7a and 7b). The TDS of all of the Exposition aquifer groundwater samples were approximately equal to or exceeded the secondary MCL of 1,000 mg/L, ranging from 940 to 11,000 mg/L, indicating its poor suitability for drinking water use.

Graphs 7a and 7b show the historic TDS concentrations in the eastern and western area monitoring wells, which range from approximately 1,000 to 4,000 mg/L.

6.2 Perched Zone Trends

The on-Site perched zone wells include: MW-5, MW-6R, MW-7/7R, MW-8, MW-9/9R, MW-10/10R, MW-11/11R, MW-12, MW-13, MW-14, MW-15, MW-16, MW-30, PW-1, PW-2, SI-1, SI-2, SI-3, SI-4, SI-5, CB-1, CB-2, CB-5, and CB-6. One off-Site perched zone well, MW-22, was also installed by Exide. Exide, and now VERT, also gauges off-Site wells BMW-1, -2, and -3 (installed by Baker).

6.2.1 Water Levels

The highly varied elevations and occurrence of groundwater in the perched zone, as shown on Graphs 8a (eastern area) and 8b (western area) demonstrate the discontinuity across the perched zone. The water elevations in the perched zone wells have decreased in most wells over the past 10 years with the measured elevations generally decreasing 4 to 12 feet. The largest decreases in water levels appear to have occurred between 2012 and 2014. The water levels in several of the wells dropped below the screened interval beginning in 2014. These wells are discussed below.

Eastern area wells (Graph 8a)

- MW-6R – The water level in MW-6R has remained below or near the bottom of the well screen since 2015, such that samples have been intermittently collected from the well during periods in which there is sufficient volume to collect samples for analysis.
- MW-11/11R – Starting in Q4 2014, the water level dropped to near or below the well screen and it has not been sampled since that time, with the exception of a sample for VOC analysis in Q4 2016.
- MW-15 – Starting in Q2 2014, the water level dropped below the well screen and it has not been sampled since that time.
- CB-1 – Starting in Q4 2016, the water level dropped below the well screen and it was not sampled since that time until this sampling event, when one VOA vial was able to be collected.
- CB-5 – Starting in Q4 2015, the water level has remained below or near the bottom of the well screen such that samples have been intermittently collected from the well.
- BMW-1 – The water level in BMW-1 has been below the well screen since Q2 2015. Neither Exide nor VERT has collected a sample from BMW-1.
- BMW-2 – Starting in Q4 2016, the water level dropped to near or below the well screen and it has not been sampled since that time.

Western Area wells (Graph 8b).

- MW-7/7R – Starting in Q4 2016, the water level dropped to near or below the well screen and it has not been sampled since that time.
- MW-9/9R – Starting in Q1 2014, the water level dropped below the well screen and it has not been sampled since that time
- MW-16 – Starting in Q2 2016, the water level dropped below the well screen and into a 5-foot sump below the screen and remained below the well screen until 2021.
- BMW-3 – Starting in Q1 2016, the water level dropped to near or below the well screen and it has not been sampled since that time.

The groundwater elevation in some eastern perched zone wells has continued to decline at a relatively steady pace in recent years (MW-14, SI-4, SI-5), while the groundwater elevation in PW-2 has declined sharply and the groundwater elevation in MW-30 has increased sharply. The groundwater elevation in several western perched wells (MW-8, MW-13, PW-1, and MW-22) have increased slightly to moderately since 2019.

The highest groundwater elevations observed in recent years are in Wells MW-6R, MW-30, CB-1, CB-5, and MW-22. The lowest groundwater elevations are noted in wells MW-15 and BMW-2. The significant variability of elevations of the perched water found across the Facility indicates the discontinuous nature of the perched water at the Site.

6.2.2 VOCs

The VOCs plotted on the hydrographs are benzene, cis-1,2-DCE, and TCE. Each of the VOCs is discussed below.

6.2.2.1 Benzene

Eastern Area (Graph 9a)

No benzene was detected above the MCL in 2021. As shown on Graph 9a, only the concentration of benzene in well SI-2 has been above the MCL in the past five years. Prior to 2017, MW-5 had some detections above the MCL. The benzene concentrations in MW-5 have been below the MCL since 2010, except for one detection above the MCL in 2015.

Western Area (Graph 9b)

No benzene was detected above the MCL in the western perched zone wells since 2017. The maximum concentration detected in any of the western perched zone wells was 4 µg/L (PW-1 in 2008). The benzene concentrations near the southwestern corner of the Facility were at or above the MCL of 1 µg/L prior to 2009 in well MW-8 and prior to 2011 in well PW-1. More recently, the benzene concentrations in these wells decreased to below the MCL. MW-13, also located on the western edge of the Facility, had concentrations slightly in excess of the MCL from mid-2014 to Q1 2017. The trends in benzene concentrations do not seem to have a clear correlation with groundwater elevations.

6.2.2.2 Cis-1,2-DCE

Eastern Area (Graph 10a)

Since 2014, no cis-1,2-DCE has been detected above the MCL in the eastern area perched zone wells. No cis-1,2-DCE has ever been detected at or above the laboratory reporting limit in 13 of the 19 eastern area perched zone wells. The historical concentrations of cis-1,2-DCE detected in the eastern perched zone wells follow a downward trend. Concentrations of cis-1,2-DCE in several wells exceeded the MCL prior to 2011, with a maximum concentration of 35 µg/L in 2008, while none of the concentrations exceeded the MCL in 2016 through 2021.

Western Area (Graph 10b)

Since 2016, no western perched zone monitoring wells have had detections of cis-1,2-DCE above the MCL. PW-1 had levels of cis 1,2 DCE above the MCL from 2007 to 2010, at concentrations ranging from 6.3 to 13 µg/L, but has not had concentrations in excess of the MCL since that time. MW-13 had concentrations of cis-1,2 DCE around the MCL between 2007 and 2016, with levels decreasing below the MCL in 2016. The wells with cis-1,2-DCE detections in the western area of the Facility show no clear correlation between concentrations and groundwater elevations.

6.2.2.3 TCE

Eastern Area (Graph 11a)

Throughout the monitoring history, no TCE has been detected at or above the laboratory reporting limit in seven of the eastern area perched zone wells. The TCE concentrations in most of the eastern area perched zone wells with historical detections of TCE above the MCL have decreased over time; however, the concentration in well MW-14 increased in 2021 to approximately 2013 levels. The wells with the highest concentrations are located along or just outside of the eastern perimeter of the Facility (MW-11/11R, PW-2, MW-14, and MW-15).

Western Area (Graph 11b)

Since late 2016, no TCE has been detected in any of the perched western area wells at concentrations above the MCL. Since 2013, no TCE was detected at or above the MCL in six of the eight western area perched zone wells. The two wells with any TCE detections slightly exceeding the MCL of 5 µg/L since 2013 are located in the southwestern portion of the Facility (MW-13 and PW-1). TCE concentrations have generally decreased in the western area of the site, with the most recent concentrations being less than the MCL.

6.2.3 Metals

The dissolved metals plotted on the hydrographs are antimony, arsenic, beryllium, cadmium, lead, nickel, selenium, and zinc; these metals are discussed individually below.

6.2.3.1 Antimony

No antimony has been detected at or above the MCL in 24 of the 26 perched zone monitoring wells. No antimony concentrations have exceeded the MCL (6 µg/L) since 2015 with the exception of two J-flagged estimated detections of antimony in Well PW-2 (8.2 and 6.6 µg/L) in 2017. Before that time, PW-2, located in the eastern area, had detected concentrations of antimony above the MCL (6.69 to 12.6 µg/L). MW-7/7R, located in the western area, had 4 detections above the MCL (ranging from 6.26 to 7.99 µg/L in 2014 and 2015; see Graphs 12a and b). Detected concentrations of antimony in the two perched zone wells with historical detections above the MCL have generally decreased over time and are currently below the MCL.

6.2.3.2 Arsenic

Since 2012, no arsenic has been detected at or above the MCL in 19 of the 26 perched zone monitoring wells. From late 2012 to 2015, the concentrations of arsenic site-wide in the perched zone wells decreased to below the MCL (Graphs 13a and b). Arsenic concentrations in well SI-5 increased to above the MCL in 2017 and then decreased below the MCL in 2019. This trend is the inverse of the pH in well SI-5, which decreased from 2015 to 2017 and then increased in 2019. Wells MW-14 and PW-2 also see an increase in arsenic concentrations in 2017; however, the concentrations remained relatively stable in 2019. In 2021, the only well with arsenic detected above the MCL was MW-14.

6.2.3.3 Beryllium

No beryllium was detected above the MCL in 12 of the eastern perched zone wells. The detected concentrations of beryllium in wells PW-2, SI-5, and MW-14 increased between 2014 and 2016. Similar to the arsenic concentration, the beryllium concentration in SI-5 increased between 2015 and 2017 and then decreased in 2019, generally following an inverse trend of the pH. Also similar to arsenic, the PW-2 and MW-14 concentrations did not follow this trend, but remained relatively stable recently. The beryllium concentration in well MW-5 has generally decreased over time. The most recent concentrations in wells PW-2 and MW-14 were above the MCL (Graph 14a). There have been intermittent detections of beryllium above the laboratory reporting limit in well SI-1 with one detection exceeding the MCL.

In the western area of the Facility, beryllium concentrations in well MW-7/7R were consistently below the MCL. The beryllium concentrations in the other western wells generally increased slightly from 2013 to 2015 and then remained stable or decreased slightly. The beryllium concentration in MW-22 increased in mid-2017 and then held relatively steady. The majority of the western monitoring wells had beryllium concentrations greater than the MCL (Graph 14b), but lower than the concentrations in eastern wells PW-2, SI-5, and MW-14.

6.2.3.4 Cadmium

No cadmium was detected above the MCL in eight of the eastern perched zone wells (Graph 15a). The concentrations of cadmium detected in wells MW-14 and PW-2 increased between 2013/2014 and 2016, but have since held steady or decreased slightly. The increases in cadmium concentrations in PW-2 and MW-14 in 2014-2015 appear to correspond with decreases in pH in these wells. The concentrations of cadmium in MW-5 and MW-10/10R have decreased over time. In general, the wells that had concentrations of cadmium exceeding the MCL remained as such, with the cadmium concentrations in the western area wells remaining fairly steady (Graph 15b).

6.2.3.5 Lead

No lead was detected above the California Action Level in 10 of the eastern perched zone wells and 3 of the western perched zone wells. The concentrations of lead detected in the perched zone wells over the past 10 years have decreased in some wells (MW-5, MW-10/10R, PW-1 and CB-2) and increased in others (PW-2, CB-1, and CB-6; see Graphs 16a and b). The increase in lead concentrations in PW-2 in 2014 and 2015 appears to correspond with a decrease in pH during that time. Since 2014, no western wells have had concentrations greater than the Action Level (with the exception of one detection in MW-8 and one detection in MW-16), but during that time eastern wells PW-2, CB-1, CB-6, MW-14, SI-1 and SI-5 (all now dry except for MW-14) exceeded the Action Level.

6.2.3.6 Nickel

No nickel was detected above the MCL of 100 µg/L in eight wells (MW-6R, MW-11/11R, MW-12, MW-30, SI-2, SI-3, CB-1, and CB-2). Fluctuations are observed in the nickel concentrations detected in most of the perched zone wells, with decreasing concentrations in MW-5, MW-10/10R, MW-12, SI-3, SI-4, and SI-5 among others, and increasing concentrations in MW-14 and PW-2 between 2014 and 2016 (Graphs 17a and b). The increase in nickel concentrations in MW-14 and PW-2 in 2014 appears to correspond with a decrease in pH during that time; the concentrations have remained relatively steady since 2016. Nickel concentrations were relatively stable in the

majority of the western area wells, except MW-7/7R and MW-22. Generally, the wells that had concentrations of nickel exceeding the MCL remained as such.

6.2.3.7 Selenium

Throughout their monitoring history, no selenium has been detected above the MCL in 19 of the perched zone wells. Selenium concentrations in well MW-12 exceeded the MCL prior to 2015; however, concentrations have decreased since mid-2014 and are now below the MCL. Selenium concentrations in well CB-2 exceeded the MCL until 2017, but have been below the MCL since that time. Selenium concentrations increased in 2016 and 2017 in wells MW-14, SI-5, and PW-2, but have since decreased in SI-5, following a similar pattern as seen in the concentrations of several other metals. An increase in selenium concentrations is also observed in western well MW-13; however, the concentrations remain at or just above the MCL (Graphs 18a and b). Selenium concentrations in well MW-8 have also increased over time, but remain below the MCL.

6.2.3.8 Zinc

The concentrations of zinc detected in 10 of the eastern perched zone wells and one of the western perched zone wells have been below the secondary MCL of 5,000 µg/L throughout the past 10 or more years (Graphs 19a and b). A significant decrease in zinc concentrations in MW-5 since 2014 appears to correspond to an increase in pH over that time period. Likewise, an increase in zinc concentrations in MW-14 and PW-2 in 2014 and 2015 appears to correspond to a decrease in pH over that time period. The zinc concentrations in MW-14 and PW-2 appear to have since leveled out. The zinc concentration in SI-4 increased in 2016 and then decreased in 2017, remaining below the secondary MCL through 2021. The zinc concentrations in SI-3 follow a similar pattern.

6.2.4 Other Parameters

The other parameters plotted over time for each the perched zone groundwater monitoring wells are TDS, sulfate, and pH, each of which is discussed below.

6.2.4.1 TDS

TDS concentrations can be used, along with evaluation of other parameters, to determine the suitability of the groundwater for potable use. Beginning in Q4 2016, all groundwater samples have been analyzed for TDS. The TDS of the perched zone samples all exceeded the secondary MCL of 1,000 mg/L, except for the most recent concentration in SI-2 (Graphs 20a and 20b).

6.2.4.2 Sulfate

The monitoring wells in the perched zone all have sulfate concentrations exceeding the secondary MCL (Graphs 21a and b), with the exception of well MW-30 and SI-2. The sulfate concentrations have been relatively steady over time for several wells, with a recent decrease in the sulfate concentration in SI-2.

6.2.4.3 pH

The pH of the majority of the perched zone wells in the eastern area has historically fluctuated slightly on either side of the lower secondary MCL of 6.5 (Graph 22a). The pH in wells MW-5, MW-10/10R, PW-2, and SI-5 (historically

the eastern wells with the lowest pH), has increased over time and was within the pH MCL when last sampled. The pH in well MW-14 has remained low and is currently the only eastern perched zone well with pH below the lower secondary MCL. With the exception of MW-7/7R, the pH in the western wells is lower than the eastern area. (Graph 22b). The pH measured in the western wells in 2021 was below the lower secondary MCL.

7 Summary and Recommendations

Activities conducted during 2021 included the following:

- Gauged the groundwater level in each well on September 27, 2021.
 - Groundwater elevations in the Exposition aquifer have continued to decline, based on comparison of 2021 measurements to prior years. The groundwater flow direction in the Exposition aquifer is generally to the southwest, with a gradient of 0.003 ft/ft.
 - The perched water is discontinuous at the Facility; 13 perched-zone wells were dry or had insufficient water for sample collection. Compared with the prior monitoring event, the perched water level decreased in 6 wells by 0.08 to more than 5 feet, increased in 9 wells by 0.03 to 5.57 feet, and stayed the same or dry/effectively dry in 13 wells.
- Evaluated the condition of each well on September 27, 2021.
 - Well MW-25D – one bolt tab was broken and water was observed and subsequently bailed from the well box (the well box was replaced on February 21, 2022);
 - Well BMW-2 – one bolt tab was broken;
 - Well BMW-3 – the rim was damaged, there was no well label identifiable, and two bolt tabs were missing;
 - Wells MW-6R, CB-1, CB-3, and CB-6 – water was observed and subsequently bailed from the well box (the gaskets were replaced on February 21, 2022); and
 - Well CB-6 – both bolt tabs were broken (the well box was replaced on February 21, 2022).
- Sampled groundwater in monitoring wells with sufficient water September 27 through 29, 2021.
 - Groundwater samples were collected from 24 wells in 2021 using low flow and/or hand bailing methods. A groundwater sample from Univar well UMW-34 was not collected.

The groundwater samples were analyzed for VOCs, dissolved metals, TDS, sulfate, chloride, nitrate (select wells), dissolved gases (select wells), and ferrous iron (select wells). Based on a QC evaluation (Section 5), the groundwater data are of acceptable quality related to accuracy, precision, and representativeness.

- VOCs detected above the MCL or California Notification Level in 2021 in the perched zone were:
 - PCE: CB-1 and CB-2
 - TCE: MW-14
- VOCs detected above the MCL or California Notification Level in 2021 in the Exposition aquifer were as follows. VOC impacts originating off-Site are illustrated in Figures 7, 11, and 13.
 - Carbon tetrachloride: CB-3, MW-11D, MW-12D, MW-22D, MW-23D, MW-25D, MW-26D, and MW-27D
 - PCE: MW-26D

- TCE: MW-11D, MW-12D, MW-26D
- Metals detected above the MCL or California Notification Level/Action Level in 2021 in the perched zone were:
 - Arsenic: MW-14
 - Beryllium: MW-8, MW-13, MW-14, MW-16
 - Cadmium: MW-8, MW-13, MW-14, MW-16, MW-22 (J-flagged)
 - Lead: MW-13, MW-14, MW-16
 - Nickel: MW-8, MW-13, MW-14, MW-16
 - Selenium: MW-13, MW-14
 - Vanadium: MW-8, MW-13
 - Zinc: MW-8, MW-13, MW-14, MW-16
- No metals were detected above the MCL or California Notification Level/Action Level in 2021 in the Exposition aquifer wells.
- Other inorganic parameters detected above the primary or secondary MCL in 2021 in the perched zone were:
 - TDS: MW-8, MW-10R, MW-12, MW-13, MW-14, MW-16, MW-30, MW-22
 - Sulfate: MW-8, MW-10R, MW-12, MW-13, MW-14, MW-16, MW-22
 - Chloride: MW-8, MW-10R, MW-14, MW-16, MW-30, MW-22
 - pH: MW-8, MW-13, MW-14, MW-16, MW-22
- Other inorganic parameters detected above the primary or secondary MCL in 2021 in the Exposition aquifer wells were:
 - TDS: CB-3, MW-1D, MW-11D, MW-12D, MW-22D, MW-23D, MW-25D, and MW-27D
 - Sulfate: MW-1D, MW-11D, MW-23D
 - Chloride: MW-1D, MW-22D, MW-23D, and MW-27D

VERT suggests to DTSC the following:

- Annual groundwater monitoring event in fall 2022.

8 References

- Advanced GeoServices Corp. 2015. Quarterly Groundwater Sampling and Analysis Plan, Exide Technologies, Inc. Vernon, California. September 30.
- Advanced GeoServices Corp. 2017. Corrective Measures Study Report, Exide Technologies, Inc. Vernon, California. January.
- Advanced GeoServices Corp. and E2 Environmental, Inc. 2006. Phase 3 RCRA Facility Investigation Work Plan, Exide Technologies, Inc. Vernon, California. December 22.
- Advanced GeoServices Corp./Avocet Environmental, Inc. 2016. Comprehensive RCRA Facility Investigation Report – Part 2 (Groundwater), Exide Technologies, Inc Vernon Facility. May 11.
- DHS 1990. State of California Department of Health Services, Toxic Substances Control Program RCRA Facility Assessment, GNB Incorporated, 2700 South Indiana Avenue, Vernon, California. October.
- DTSC 2017. DTSC Requirements for Second Quarter 2017 Groundwater Sample Collection, Exide Technologies, Incorporated, 2700 South Indiana Street, Vernon, California, EPA ID. NO. CAD097854541. June 15.
- DWR 1961. “Bulletin No. 104, Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County, Appendix A Ground Water Geology.” Prepared by the State of California Department of Water Resources, Southern District. June 1961.
- EPA 1998. Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water. September.

Table 1
Groundwater Elevation and Water Quality Field Measurements
Third Quarter 2021
Exide Technologies Vernon, California

Well ID	Sample Date	Initial DTW 09/27/21 (feet btoc)	Sounder ID	Adjusted DTW 09/27/21 (feet btoc)	Depth to Well Bottom - Adjusted (feet btoc)	Initial Water Column 09/27/21 (feet)	TOC Elevation (feet AMSL)	Ground Water Elevation 09/27/21 (feet AMSL)	Ground Water Elevation 12/16/19 (feet AMSL)	Temperature (°C)	pH	Conductivity (µS/cm)	DO (mg/L)	ORP (mV)	Field Turbidity (NTUs)	Total Purge Volume (mL)	Total Purge Volume (gallons)	Purge Method/ Sample Method	Purge Rate (Initial/Final if changed during purge) (mL/min)
On Site Perched Zone Wells																			
MW-5	9/27/2021	Dry	40670	Dry	86.43	0.00	175.77	Dry	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-6R	9/27/2021	71.36	1437109	71.40	71.64	0.24	175.11	103.71	103.63	NM	NM	NM	NM	NM	NM	None	None	None/HB	None
MW-7R	9/27/2021	Dry	40670	Dry	87.62	0.00	178.66	Dry	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-8	9/28/2021	81.71	40670	81.71	90.52	8.81	179.66	97.95	96.87	25.9	3.54	7,882	1.44	244.7	>1,000	1,200	0.3	LF/HB	30
MW-9R	9/27/2021	89.64	40670	89.64	89.67	0.03	181.75	92.11*	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-10R	9/27/2021	83.81	1437109	83.85	86.91	3.06	177.69	93.84	93.81	23.0	6.75	4,909	2.96	-22.5	5	1,800	0.5	LF	100
MW-11R	9/27/2021	85.09	40670	85.09	85.16	0.07	174.09	89.00*	89.01	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-12	9/28/2021	81.43	40670	81.43	86.17	4.74	174.08	92.65	92.96	20.4	6.53	2,811	2.65	152.0	8	2,700	0.7	LF	75
MW-13	9/28/2021	79.95	40670	79.95	89.50	9.55	178.44	98.49	97.91	25.2	3.75	7,067	1.04	249.9	5	1,920	0.5	LF	40
MW-14	9/29/2021	81.34	40670	81.34	89.18	7.84	175.07	93.73	94.15	22.6	4.16	10,646	1.44	424.3	7	5,400	1.4	LF	75
MW-15	9/27/2021	Dry	1437109	Dry	89.72	0.00	173.31	89.72	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-16	9/28/2021	87.20	40670	87.20	92.85	5.65	179.12	91.92	86.35	24.2	2.48	7,354	1.64	525.7	5	585	0.2	LF	30/20
MW-30	9/28/2021	71.73	40670	71.73	75.94	4.21	173.59	101.86	98.97	22.6	7.28	5,715	5.10	127.2	7	2,100	0.6	LF/HB	30
PW-1	9/27/2021	79.82	40670	79.82	88.71	8.89	177.86	98.04	97.42	NM	NM	NM	NM	NM	NM	None	None	None	None
PW-2	9/27/2021	Dry	40670	Dry	89.08	0.00	174.38	Dry	91.83	NM	NM	NM	NM	NM	NM	None	None	None	None
SI-1	9/27/2021	Dry	40670	Dry	81.61	0.00	176.10	Dry	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
SI-2	9/29/2021	83.00	1437109	83.04	83.42	0.38	175.87	92.83	92.53	NM	NM	NM	NM	NM	NM	None	None	None/HB	None
SI-3	9/27/2021	Dry	1437109	Dry	81.95	0.00	175.05	Dry	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
SI-4	9/29/2021	82.47	1437109	82.51	82.73	0.22	174.17	91.66	92.57	NM	NM	NM	NM	NM	NM	None	None	None/HB	None
SI-5	9/29/2021	82.40	40670	82.40	82.55	0.15	175.22	92.82	93.40	NM	NM	NM	NM	NM	NM	None	None	None	None
CB-1	9/28/2021	76.14	40670	76.14	76.26	0.12	175.65	99.49	99.50*	NM	NM	NM	NM	NM	NM	None	None	None/HB	None
CB-2	9/27/2021	78.32	1437109	78.36	78.59	0.23	175.34	96.98	96.97*	NM	NM	NM	NM	NM	NM	None	None	None/HB	None
CB-5	9/27/2021	75.49	40670	75.49	75.52	0.03	175.51	100.02*	100.11*	NM	NM	NM	NM	NM	NM	None	None	None	None
CB-6	9/27/2021	78.32	40670	78.32	78.46	0.14	174.38	96.06	96.14	NM	NM	NM	NM	NM	NM	None	None	None/HB	None
Off Site Perched Zone Wells																			
BMW-1	9/27/2021	Dry	1437109	Dry	82.84	0.00	173.88	Dry	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
BMW-2	9/27/2021	Dry	1437109	Dry	90.24	0.00	174.38	Dry	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
BMW-3	9/27/2021	Dry	1437109	Dry	85.30	0.00	177.65	Dry	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-22	9/29/2021	78.10	1437109	78.14	87.80	9.66	177.72	99.58	97.61	22.7	5.68	41,174	0.63	102.0	7	1,800	0.5	LF	100
On Site Exposition Wells																			
CB-3	9/27/2021	151.25	1437109	151.28	155.27	3.99	175.38	24.10	26.07	22.7	7.88	2,826	6.43	76.3	6	1,680	0.4	LF	70
MW-1D	9/28/2021	153.11	1437109	153.14	155.24	2.10	175.98	22.84	24.53	23.5	6.97	3,931	3.57	63.9	3	525	0.1	LF	50/25
MW-6D	9/27/2021	Dry	40670	Dry	148.70	0.00	175.03	Dry	27.59	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-9D	9/27/2021	155.77	40670	155.77	155.80	0.03	181.59	25.82*	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-11D	9/28/2021	151.09	40670	151.09	156.45	5.36	174.06	22.97	25.02	23.2	7.03	2,972	4.21	172.4	1	4,050	1.1	LF	150
MW-12D	9/29/2021	148.67	1437109	148.70	157.11	8.41	173.25	24.55	26.08	24.6	7.44	1,941	5.60	93.0	9	3,150	0.8	LF	150
MW-16D	9/27/2021	Dry	40670	Dry	153.86	0.00	179.15	Dry	25.33	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-23D	9/27/2021	155.20	40670	155.20	156.57	1.37	178.20	23.00	25.06	20.9	7.14	4,914	4.53	179.9	>1,000	None	None	None/HB	None
MW-26D	9/28/2021	150.05	1437109	150.08	156.59	6.51	173.63	23.55	25.49	23.4	7.20	1,683	4.35	61.6	2	2,250	0.6	LF	125
MW-27D	9/27/2021	151.53	40670	151.53	152.60	1.07	175.32	23.79	25.75	20.9	7.21	2,882	5.86	136.7	>1,000	None	None	None/HB	None
Off Site Exposition Wells																			
MW-17	9/29/2021	152.60	1437109	152.63	152.80	0.17	172.91	20.28	Dry	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-20D	9/28/2021	154.65	1437109	154.68	154.86	0.18	178.81	24.13	24.60	NM	NM	NM	NM	NM	NM	None	None	None	None
MW-22D	9/29/2021	155.74	1437109	155.77	157.44	1.67	177.73	21.96	23.91	21.6	7.22	3,357	4.95	97.9	>1,000	None	None	None/HB	None
MW-24D	9/29/2021	154.72	1437109	154.75	155.07	0.32	177.05	22.30	24.07	22.7	6.95	4,106	5.06	92.0	>1,000	None	None	None/HB	None
MW-25D	9/29/2021	150.92	1437109	150.95	153.17	2.22	173.72	22.77	24.55	23.0	7.98	1,673	7.02	93.4	8	6,300	1.7	LF	150

Notes:
feet AMSL - feet above mean sea level
feet btoc - feet below top of casing
DO - dissolved oxygen
DTW - depth to water
HB - hand bailed
LF - low flow
mg/L - milligrams per liter
min - minute
mL - milliliter
mV - millivolt
µS/cm - microsiemens or micromhos per centimeter
NM - not measured due to insufficient water or because wells were not sampled/accessible
NTU - nephelometric turbidity unit
ORP - oxygen-reduction potential
TOC - top of casing and point of measurement
NS - not sampled
Adjusted DTW and Depth to Well Bottom are based on the Sounder Check (Appendix A).
DTW measured with Sounder 1437109 adjusted by +0.04 ft in perched wells and +0.03 ft in Exposition aquifer wells based on sounder check
* Asterisk and italics are noted for wells that are effectively dry (have less than or equal to 0.1 feet of water column)

Table 2
Analytical Results for Volatile Organic Compounds
Third Quarter 2021
 Exide Technologies
 Vernon, California

Well ID	Sample Date	Sample method	EPA 8260B (micrograms per liter [µg/L])															J-Flagged Results		
			2-Butanone (MEK)	Acetone	Benzene (Bz)	Carbon tetrachloride (CTC)	Chloroform (CF)	1,2-Dichloroethane (1,2-DCA)	1,1-Dichloroethene	cis-1,2-Dichloroethene (c-1,2-DCE)	Ethylbenzene	Carbon Disulfide	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Toluene	1,3,5-Trimethylbenzene (1,3,5-TMBZ)	Total Xylenes			
On Site Perched Zone Wells																				
MW-5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6R	9/27/2021	HB	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	2.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	None
MW-7R	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8	9/28/2021	HB	<10	<20	0.62	<0.50	<1.0	<0.50	<1.0	1.2	<1.0	<1.0	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	None
MW-9R	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10R	9/27/2021	LF	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	None
MW-11R	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	9/28/2021	LF	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0	Trichloroethene 0.54
Dup-MW-12 (SS-1)	9/28/2021	LF	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0	Trichloroethene 0.65
MW-13	9/28/2021	LF	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	1.8	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0	Trichloroethene 0.65
MW-14	9/29/2021	LF	<10	<20	<0.50	<0.50	2.2	<0.50	<1.0	1.8	<1.0	<1.0	<1.0	360	<1.0	<1.0	<1.0	<1.0	<1.0	None
Dup-MW-14 (SS-3)	9/29/2021	LF	<10	<20*	<0.50*	<0.50	2.2	<0.50	<1.0	1.7	<1.0	<1.0	<1.0	500	<1.0	<1.0	<1.0	<1.0	<1.0	Acetone 4.3, Benzene 0.30
MW-15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-16	9/28/2021	LF	<10	<20*	<0.50*	<0.50	<1.0	<0.50	<1.0	2.1	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0	Acetone 7.5, Benzene 0.29, Trichloroethene 0.97
MW-30	9/28/2021	HB	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Tetrachloroethene 0.52
PW-1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PW-2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SI-1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SI-2	9/29/2021	HB	<40	<80*	<2.0	<2.0	<4.0	<2.0	<4.0	<4.0	<4.0	<4.0	<40*	<4.0	<4.0	<4.0	<4.0*	<4.0	<4.0	1,3,5-Trimethylbenzene 1.2, Acetone 35, Carbon Disulfide 1.8
SI-3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SI-4	9/29/2021	HB	<10	24	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	None
SI-5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CB-1	9/29/2021	HB	<10	<20*	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	7.7	<1.0	<1.0	<1.0	<1.0	<1.0	Acetone 6.7
CB-2	9/27/2021	HB	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	19	<1.0*	<1.0	<1.0	<1.0	<1.0	Trichloroethene 0.56
CB-5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CB-6	9/27/2021	HB	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	NS
Off Site Perched Zone Wells																				
BMW-1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMW-2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMW-3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22	9/29/2021	LF	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	None
CA-MCL			--	--	1	0.5	80 ¹	0.5	6	6	300	--	5	5	150	--	1750			Varies
CA-Notification Level (if no MCL)			--	--	--	--	--	--	--	--	--	160	--	--	--	330	--			Varies

NOTES:

<1.0 - Constituent not detected at or above the laboratory reporting limit shown

Values in **Boldface** exceed the MCL

* Analyte detected below the reporting limit, but above the method detection limit (J-flagged)

J-flagged concentrations are shown in the last column of this table

Sample Methods: HB = Hand-Bailer; LF = low flow pump, NS = Not sampled

CA-MCL - California Primary Drinking Water Maximum Contaminant Level

¹ CA-MCL for total trihalomethanes (sum of bromoform, bromodichloromethane, chloroform, & dibromochloromethane).

Table 2 presents VOCs detected above the reporting limits. Full results are in Appendix B.

Table 2
Analytical Results for Volatile Organic Compounds
Third Quarter 2021
 Exide Technologies
 Vernon, California

Well ID	Sample Date	Sample method	EPA 8260B (micrograms per liter [µg/L])															J-Flagged Results	
			2-Butanone (MEK)	Acetone	Benzene (Bz)	Carbon tetrachloride (CTC)	Chloroform (CF)	1,2-Dichloroethane (1,2-DCA)	1,1-Dichloroethene	cis-1,2-Dichloroethene (c-1,2-DCE)	Ethylbenzene	Carbon Disulfide	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Toluene	1,3,5-Trimethylbenzene (1,3,5-TMBZ)	Total Xylenes		
On Site Exposition Wells																			
CB-3	9/27/2021	LF	<10	<20	<0.50	0.94	<1.0*	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0	<1.0	<1.0	<1.0	Chloroform 0.41, Trichloroethene 0.39
MW-1D	9/28/2021	LF	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	None
MW-6D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11D	9/28/2021	LF	<10	<20	<0.50	1.7	2.8	<0.50	<1.0*	<1.0*	<1.0	<1.0	<1.0	4.3	46	<1.0	<1.0	<1.0	1,1-Dichloroethene 0.87, cis-1,2-Dichloroethene 0.37
Dup-MW-11D (SS-2)	9/28/2021	LF	<10	<20	<0.50	1.8	2.9	<0.50	<1.0*	<1.0*	<1.0	<1.0	<1.0	4.6	47	<1.0	<1.0	<1.0	1,1-Dichloroethene 0.90, cis-1,2-Dichloroethene 0.37
MW-12D	9/29/2021	LF	<10	<20*	<0.50	1.7	2.3	<0.50	<1.0*	<1.0	<1.0	<1.0	<1.0	2.5	15	<1.0	<1.0	<1.0	1,1-Dichloroethene 0.48, Acetone 6.1
MW-16D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23D	9/27/2021	HB	<10	<20	<0.50	0.59	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	<1.0*	<1.0	<1.0	<1.0	Tetrachloroethene 0.95, Trichloroethene 0.94
MW-26D	9/28/2021	LF	<10	<20	<0.50	1.9	2.4	<0.50	1.5	<1.0*	<1.0	<1.0	<1.0	6.5	28	<1.0	<1.0	<1.0	cis-1,2-Dichloroethene 0.36
MW-27D	9/27/2021	HB	<10	<20	<0.50	3.0	<1.0*	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	2.0	<1.0	<1.0	<1.0	Chloroform 0.96
Off Site Exposition Wells																			
MW-17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
UMW-34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22D	9/29/2021	HB	<10	<20	<0.50	8.1	1.0	<0.50	<1.0	<1.0*	<1.0	<1.0	<1.0	1.8	4.1	<1.0	<1.0	<1.0	cis-1,2-Dichloroethene 0.78
MW-24D	9/29/2021	HB	<10	<20*	<0.50	<0.50*	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	1.9	<1.0	<1.0	<1.0	Acetone 7.5, Carbon tetrachloride 0.40
MW-25D	9/29/2021	LF	<10	<20	<0.50	0.53	<1.0*	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0*	4.7	<1.0	<1.0	<1.0	Chloroform 0.71, Tetrachloroethene 0.75
CA-MCL			--	--	1	0.5	80 ¹	0.5	6	6	300	--	5	5	150	--	1750	--	Varies
CA-Notification Level (if no MCL)			--	--	--	--	--	--	--	--	--	160	--	--	--	330	--	--	Varies

NOTES:

<1.0 - Constituent not detected at or above the laboratory reporting limit shown

Values in **Boldface** exceed the MCL

* Analyte detected below the reporting limit, but above the method detection limit (J-flagged)

J-flagged concentrations are shown in the last column of this table

Sample Methods: HB = Hand-Bailer; LF = low flow pump, NS = Not sampled

CA-MCL - California Primary Drinking Water Maximum Contaminant Level

¹ CA-MCL for total trihalomethanes (sum of bromoform, bromodichloromethane, chloroform, & dibromochloromethane).

Table 2 presents VOCs detected above the reporting limits. Full results are in Appendix B.

Naphthalene and MIBK were detected in one sample each at a concentration less than the laboratory reporting limit (See Appendix B)

Table 3
Analytical Results for Dissolved Metals
Third Quarter 2021
 Exide Technologies
 Vernon, California

Well ID	Sample Date	Sample Method	EPA 6020 / 7470A (milligrams per liter [mg/L])										
			Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)	Molybdenum (Mo)
On Site Perched Zone Wells													
MW-5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-6R	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-7R	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-8	9/28/2021	HB	<0.0050	0.0061	<0.0050*	0.023	0.13	<0.0050	0.36	0.54	<0.0050	<0.00075	<0.0050
MW-9R	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-10R	9/27/2021	LF	<0.0010	<0.0010*	0.026	<0.0010	<0.0010*	0.0035	<0.0010	0.0019	<0.0010	<0.00075*	0.0015
MW-11R	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	9/28/2021	LF	<0.0010	<0.0010	0.0046	<0.0010	<0.0010	0.0044	0.0030	<0.0010	<0.0010	<0.00075	<0.0010*
Dup-MW-12 (SS-1)	9/28/2021	LF	<0.0010	<0.0010	0.0043	<0.0010	<0.0010	0.0042	0.0029	<0.0010	<0.0010	<0.00075	<0.0010
MW-13	9/28/2021	LF	<0.0050	0.0057	0.0063	0.016	0.16	<0.0050*	0.38	0.56	0.017	<0.00075	<0.0050
MW-14	9/29/2021	LF	<0.0050	0.016	0.019	0.043	0.27	<0.0050	1.1	0.26	0.046	0.0016	<0.0050
Dup-MW-14 (SS-3)	9/29/2021	LF	<0.0050	0.014	0.019	0.041	0.28	<0.0050	1.0	0.24	0.044	0.0016	<0.0050
MW-15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-16	9/28/2021	LF	<0.0010*	0.0090	0.0037	0.018	0.20	0.018	0.50	0.32	0.017	<0.00075*	<0.0010
MW-30	9/28/2021	HB	<0.0010	0.0012	0.084	<0.0010	<0.0010	0.0053	<0.0010	<0.0010*	0.0016	<0.00075	0.0028
PW-1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
PW-2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SI-1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SI-2	9/29/2021	HB	0.0011	<0.0010	0.075	<0.0010	<0.0010	<0.0010*	<0.0010	<0.0010*	<0.0010	<0.00075*	0.0028
SI-3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SI-4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SI-5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CB-1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CB-2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CB-5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
CB-6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Off Site Perched Zone Wells													
BMW-1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMW-2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BMW-3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22	9/29/2021	LF	<0.020	<0.020	0.034	<0.020	<0.020*	<0.020	<0.020	<0.020	<0.020	<0.00075	<0.020
On Site Exposition Wells													
CB-3	9/27/2021	LF	<0.0010	<0.0010*	0.098	<0.0010	<0.0010	0.0057	<0.0010	<0.0010	<0.0010	<0.00075	0.0048
MW-1D	9/28/2021	LF	<0.0010	0.0011	0.033	<0.0010	<0.0010	0.0022	<0.0010	<0.0010	0.0011	<0.0010	<0.00075
MW-6D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-11D	9/28/2021	LF	<0.0010	<0.0010*	0.020	<0.0010	<0.0010	0.0056	<0.0010	<0.0010	0.0043	<0.00075	0.0044
Dup-MW-11D (SS-2)	9/28/2021	LF	<0.0010	<0.0010	0.020	<0.0010	<0.0010	0.0058	<0.0010	<0.0010	0.0043	<0.00075	0.0044
MW-12D	9/29/2021	LF	<0.0010	<0.0010*	0.069	<0.0010	<0.0010	0.0058	<0.0010	0.0026	<0.0010	<0.00075	0.0058
MW-16D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23D	9/27/2021	HB	0.0027	<0.0010*	0.045	<0.0010	<0.0010	0.0010	<0.0010	<0.0010*	<0.0010	<0.00075	0.0047
MW-26D	9/28/2021	LF	<0.0010	<0.0010*	0.062	<0.0010	<0.0010	0.0058	<0.0010	<0.0010	<0.0010	<0.00075	0.0046
MW-27D	9/27/2021	HB	<0.0010	<0.0010	0.067	<0.0010	<0.0010*	0.0062	<0.0010	<0.0010	<0.0010	<0.00075	0.0048
Off Site Exposition Wells													
MW-17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
UMW-34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-20D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22D	9/29/2021	HB	<0.0010	<0.0010	0.074	<0.0010	<0.0010	0.0061	<0.0010	<0.0010*	<0.0010	<0.00075	0.0061
MW-24D	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-25D	9/29/2021	LF	<0.0010	<0.0010*	0.041	<0.0010	<0.0010	0.0052	<0.0010	<0.0010	<0.0010	<0.00075	0.0051
CA-MCL			0.006	0.01	1.0	0.004	0.005	0.05	--	--	--	0.002	--
CA Secondary MCL or Action Level (if no MCL)			--	--	--	--	--	--	--	1.3 ¹	0.015 ¹	--	--

NOTES: <5 - Constituent not detected at or above the laboratory reporting limit shown
 mg/L - milligrams per liter

* Analyte detected below the reporting limit, but above the method detection limit (J-flagged)

J-flagged concentrations are shown in the last column of this table

Values in **Boldface** exceed MCL

Values in **Boldface and Italics** exceed secondary MCL or CA Action Level/Notification Level

Sample Methods: HB = hand bailed, LF = low flow pump, NS= not sampled

CA-MCL - California Drinking Water Maximum Contaminant Level

¹ California Action Level/Notification Level

² Secondary CA-MCL (No Primary CA-MCL)

- United States Environmental Protection Agency

Table 3
Analytical Results for Dissolved Metals
Third Quarter 2021
 Exide Technologies
 Vernon, California

Well ID	Sample Date	EPA 6020 / 7470A (milligrams per liter [mg/L])						J-Flagged Dissolved Concentrations
		Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Z)	
On Site Perched Zone Wells								
MW-5	NS	NS	NS	NS	NS	NS	NS	NS
MW-6R	NS	NS	NS	NS	NS	NS	NS	NS
MW-7R	NS	NS	NS	NS	NS	NS	NS	NS
MW-8	9/28/2021	1.1	0.046	<0.0050	<0.0050	0.085	17	Barium 0.0026
MW-9R	NS	NS	NS	NS	NS	NS	NS	NS
MW-10R	9/27/2021	0.0048	0.0049	<0.0010	<0.0010	0.0086	<0.020*	Arsenic 0.00065, Cadmium 0.00044, Zinc 0.014, Mercury 0.00012
MW-11R	NS	NS	NS	NS	NS	NS	NS	NS
MW-12	9/28/2021	0.0015	0.022	<0.0010	<0.0010	0.0028	<0.020*	Molybdenum 0.00050, Zinc 0.0032
Dup-MW-12 (SS-1)	9/28/2021	0.0013	0.021	<0.0010	<0.0010	0.0028	<0.020*	Zinc 0.0030
MW-13	9/28/2021	0.99	0.051	<0.0050	<0.0050	0.15	18	Chromium 0.0028
MW-14	9/29/2021	1.7	0.10	<0.0050	<0.0050	<0.0050	15	None
Dup-MW-14 (SS-3)	9/29/2021	1.6	0.09	<0.0050	<0.0050	<0.0050	15	None
MW-15	NS	NS	NS	NS	NS	NS	NS	NS
MW-16	9/28/2021	0.92	0.044	<0.0010	<0.0010	0.0041	23	Antimony 0.00063, Mercury 0.00033
MW-30	9/28/2021	0.0032	0.016	<0.0010	<0.0010	0.0022	<0.020*	Copper 0.00061, Zinc 0.0050
PW-1	NS	NS	NS	NS	NS	NS	NS	NS
PW-2	NS	NS	NS	NS	<0.010	NS	NS	NS
SI-1	NS	NS	NS	NS	NS	NS	NS	NS
SI-2	9/29/2021	0.034	<0.0010	<0.0010	<0.0010	<0.0010	0.020	Chromium 0.00065, Copper 0.00079, Mercury 0.00011
SI-3	NS	NS	NS	NS	NS	NS	NS	NS
SI-4	NS	NS	NS	NS	NS	NS	NS	NS
SI-5	NS	NS	NS	NS	NS	NS	NS	NS
CB-1	NS	NS	NS	NS	NS	NS	NS	NS
CB-2	NS	NS	NS	NS	NS	NS	NS	NS
CB-5	NS	NS	NS	NS	NS	NS	NS	NS
CB-6	NS	NS	NS	NS	NS	NS	NS	NS
Off Site Perched Zone Wells								
BMW-1	NS	NS	NS	NS	NS	NS	NS	NS
BMW-2	NS	NS	NS	NS	NS	NS	NS	NS
BMW-3	NS	NS	NS	NS	NS	NS	NS	NS
MW-22	9/29/2021	0.034	<0.020	<0.020	<0.020	<0.020	<0.40*	Cadmium 0.0066 , Zinc 0.15
On Site Exposition Wells								
CB-3	9/27/2021	<0.0010*	0.0028	<0.0010	<0.0010	0.0030	<0.020	Arsenic 0.00051, Nickel 0.00089
MW-1D	9/28/2021	0.0030	0.0020	<0.0010	<0.0010	0.0020	<0.020*	Zinc 0.012
MW-6D	NS	NS	NS	NS	NS	NS	NS	NS
MW-9D	NS	NS	NS	NS	NS	NS	NS	NS
MW-11D	9/28/2021	<0.0010*	0.0081	<0.0010	<0.0010	0.0037	<0.020*	Arsenic 0.00056, Nickel 0.00072, Zinc 0.0069
Dup-MW-11D (SS-2)	9/28/2021	<0.0010*	0.0085	<0.0010	<0.0010	0.0032	<0.020*	Nickel 0.00081, Zinc 0.0072
MW-12D	9/29/2021	<0.0010	0.0049	<0.0010	<0.0010	0.0036	<0.020*	Arsenic 0.00052, Zinc 0.0055
MW-16D	NS	NS	NS	NS	NS	NS	NS	NS
MW-23D	9/27/2021	0.0010	0.0018	<0.0010	<0.0010	<0.0010	0.022	Arsenic 0.00051, Copper 0.00052
MW-26D	9/28/2021	<0.0010	0.0057	<0.0010	<0.0010	0.0036	<0.020*	Arsenic 0.00051, Zinc 0.0027
MW-27D	9/27/2021	<0.0010	0.0042	<0.0010	<0.0010	0.0030	<0.020*	Zinc 0.0048
Off Site Exposition Wells								
MW-17	NS	NS	NS	NS	NS	NS	NS	NS
UMW-34	NS	NS	NS	NS	NS	NS	NS	NS
MW-20D	NS	NS	NS	NS	NS	NS	NS	NS
MW-22D	9/29/2021	0.0010	0.0016	<0.0010	<0.0010	0.0038	<0.020*	Copper 0.00098, Zinc 0.011
MW-24D	NS	NS	NS	NS	NS	NS	NS	NS
MW-25D	9/29/2021	<0.0010	0.0034	<0.0010	<0.0010	0.0037	<0.020*	Arsenic 0.00050, Zinc 0.0028
CA-MCL		0.1	0.05	--	0.002	--	--	Varies
CA Secondary MCL or Action Level (if no MCL)		--	--	0.1 ²	--	0.05 ¹	5 ²	Varies

NOTES:

<5 - Constituent not detected at or above the laboratory reporting limit shown
 mg/L - milligrams per liter

* Analyte detected below the reporting limit, but above the method detection limit (J-flagged)

J-flagged concentrations are shown in the last column of this table

Values in **Boldface** exceed MCL

Values in **Boldface and Italics** exceed secondary MCL or CA Action Level/Notification Level

Sample Methods: HB = hand bailed, LF = low flow pump, NS= not sampled

CA-MCL - California Drinking Water Maximum Contaminant Level

¹ California Action Level/Notification Level

² Secondary CA-MCL (No Primary CA-MCL)

- United States Environmental Protection Agency

Table 4
Analytical Results for Inorganic Parameters
Third Quarter 2021
 Exide Technologies
 Vernon, California

Well ID	Sample Date	Sample Method	SM2450C	EPA 300.0	EPA 300.0	Field
			TDS	Sulfate	Chloride	pH
			(mg/L)	(mg/L)	(mg/L)	
On Site Perched Zone Wells						
MW-5	NS	NS	NS	NS	NS	NM
MW-6R	NS	NS	NS	NS	NS	NM
MW-7R	NS	NS	NS	NS	NS	NM
<i>MW-8</i>	9/28/2021	HB	7,200	5,000	330	3.54
MW-9R	NS	NS	NS	NS	NS	NM
<i>MW-10R</i>	9/27/2021	LF	4,200	2,000	370	6.75
MW-11R	NS	NS	NS	NS	NS	NM
<i>MW-12</i>	9/28/2021	LF	2,100	1,100	130	6.53
<i>Dup-MW-12 (SS-1)</i>	9/28/2021	LF	2,100	1,100	130	6.53
<i>MW-13</i>	9/28/2021	LF	5,600	4,600	250	3.75
<i>MW-14</i>	9/29/2021	LF	11,000	7,000	520	4.16
<i>Dup-MW-14 (SS-3)</i>	9/29/2021	LF	11,000	7,100	520	4.16
MW-15	NS	NS	NS	NS	NS	NM
<i>MW-16</i>	9/28/2021	LF	6,600	4,300	310	2.48
<i>MW-30</i>	9/28/2021	HB	3,500	140	1,200	7.28
PW-1	NS	NS	NS	NS	NS	NM
PW-2	NS	NS	NS	NS	NS	NM
SI-1	NS	NS	NS	NS	NS	NM
SI-2	9/29/2021	HB	940	110	67	NM
SI-3	NS	NS	NS	NS	NS	NM
SI-4	NS	NS	NS	NS	NS	NM
SI-5	NS	NS	NS	NS	NS	NM
CB-1	NS	NS	NS	NS	NS	NM
CB-2	NS	NS	NS	NS	NS	NM
CB-5	NS	NS	NS	NS	NS	NM
CB-6	NS	NS	NS	NS	NS	NM
Off Site Perched Zone Wells						
BMW-1	NS	NS	NS	NS	NS	NM
BMW-2	NS	NS	NS	NS	NS	NM
BMW-3	NS	NS	NS	NS	NS	NM
<i>MW-22</i>	9/29/2021	LF	27,000	3,700	13,000	5.68
On Site Exposition Wells						
<i>CB-3</i>	9/27/2021	LF	1,700	180	620	7.88
<i>MW-1D</i>	9/28/2021	LF	2,800	910	640	6.97
MW-6D	NS	NS	NS	NS	NS	NM
MW-9D	NS	NS	NS	NS	NS	NM
<i>MW-11D</i>	9/28/2021	LF	2,200	930	250	7.03
<i>Dup-MW-11D (SS-2)</i>	9/28/2021	LF	2,200	920	240	7.03
<i>MW-12D</i>	9/29/2021	LF	1,300	390	170	7.44
MW-16D	NS	NS	NS	NS	NS	NM
<i>MW-23D</i>	9/27/2021	HB	3,600	610	1,200	7.14
<i>MW-26D</i>	9/28/2021	LF	1,000	170	190	7.20
<i>MW-27D</i>	9/27/2021	HB	1,700	220	550	7.21
Off Site Exposition Wells						
MW-17	NS	NS	NS	NS	NS	NM
UMW-34	NS	NS	NS	NS	NS	NM
MW-20D	NS	NS	NS	NS	NS	NM
<i>MW-22D</i>	9/29/2021	HB	2,000	240	650	7.22
MW-24D	9/29/2021	HB	NS	NS	NS	6.95
<i>MW-25D</i>	9/29/2021	LF	1,100	250	160	7.98
CA-MCL			--	--	--	--
CA Secondary MCL (If no MCL)			1,000 ¹	500 ¹	250 ¹	6.5 to 8.5 ¹

NOTES: CA-MCL - California Primary Drinking Water Maximum Contaminant Level

¹ Secondary CA-MCL (No Primary CA-MCL)

Sample Methods: HB = hand bailed, LF = low flow pump, NS= not sampled

Values in **Boldface and Italics** exceed secondary MCL

Table 5
Analytical Results for MNA Parameters
Third Quarter 2021
 Exide Technologies
 Vernon, California

Well ID	Sample Date	Sample Method	Dissolved Gases - RSK 175 (ug/L)			EPA 300 (mg/L)	SM 3500 Fe B (mg/L)	J-Flag Values (ug/L)
			Methane	Ethane	Ethylene	Nitrate as N	Ferrous Iron	
MW-11D	9/28/2021	LF	<1.0*	<1.0	<1.0	20	<0.10	Methane 0.079
Dup-MW-11D (SS-2)	9/28/2021	LF	<1.0	<1.0	<1.0	19	<0.10	None
MW-12D	9/29/2021	LF	<1.0	<1.0	<1.0	16	<0.10	None
MW-22D	9/29/2021	HB	<1.0*	<1.0	<1.0	23	<0.10	Methane 0.25
MW-25D	9/29/2021	LF	<1.0*	<1.0	<1.0	17	<0.10	Methane 0.14
MW-26D	9/28/2021	LF	<1.0	<1.0	<1.0	21	<0.10	None
CA-MCL			--	--	--	10	--	Varies
CA Secondary MCL (if no MCL)			--	--	--	--	0.3	Varies

NOTES: <5 - Constituent not detected at or above the laboratory reporting limit shown
 mg/L - milligrams per liter
 ug/L - micrograms per liter
 MNA - monitored natural attenuation

Table 6
Quality Control Analytical Results for Volatile Organic Compounds
Third Quarter 2021
 Exide Technologies
 Vernon, California

Sample Name	Sample Date	EPA 8260B (micrograms per liter [µg/L])																			J-Flagged Results
		2-Butanone (MEK)	Acetone	Benzene	Carbon tetrachloride	Chloroform (CF)	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Tetrachloroethene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes	Naphthalene	Carbon Disulfide	4-Methyl-2-pentanone (MIBK)		
TB-092727-1	9/27/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
EB-092721-1	9/27/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
TB-092721-2	9/27/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
FB-092721-2	9/27/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
EB-092721-2	9/27/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
TB-092821-1	9/28/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
EB-092821-1	9/28/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
TB-092821-2	9/28/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
FB-092821-2	9/28/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
EB-092821-2	9/28/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
TB-092921-1	9/29/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
FB-092921-1	9/29/2021	<10	<20*	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	Acetone 6.2	
EB-092921-1	9/29/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
TB-092921-2	9/29/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
EB-092921-2	9/29/2021	<10	<20	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<10	<10	None	
CA-MCL		--	--	1	0.5	80 ¹	0.5	6	6	300	--	5	5	--	--	1750	--	--	--	Varies	
CA-Notification Level (if no MCL)		--	--	--	--	--	--	--	--	--	770	--	--	330	330	--	0.017	160	120	Varies	

NOTES: <1.0 - Constituent not detected at or above the laboratory reporting limit shown
 * Analyte detected below the reporting limit, but above the method detection limit (J-flagged)
 J-flagged concentrations are shown in the last column of this table

CA-MCL - California Primary Drinking Water Maximum Contaminant Level
 1 CA-MCL for total trihalomethanes - sum of bromoform, bromodichloromethane, CF, & dibromochloromethane

Table 7
Quality Control Analytical Results for Dissolved Metals
Third Quarter 2021
 Exide Technologies
 Vernon, California

Sample ID	Sample Date	EPA 6020 / 7470A (milligrams per liter [mg/L])									
		Antimony (Sb)	Arsenic (As)	Barium (Ba)	Beryllium (Be)	Cadmium (Cd)	Chromium (Cr)	Cobalt (Co)	Copper (Cu)	Lead (Pb)	Mercury (Hg)
EB-092721-1	9/27/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.00075
FB-092721-2	9/27/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.00075
EB-092721-2	9/27/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.00075
EB-092821-1	9/28/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010*	<0.0010	<0.00075
FB-092821-2	9/28/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010*	<0.0010	<0.00075
EB-092821-2	9/28/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.00075
FB-092921-1	9/29/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.00075
EB-092921-1	9/29/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.00075
EB-092921-2	9/29/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.00075
CA-MCL		0.006	0.01	1.0	0.004	0.005	0.05	--	--	--	0.002
CA Secondary MCL or CA Action Level/Notification Level (if no MCL)		--	--	--	--	--	--	--	1.3 ¹	0.015 ¹	--

NOTES:

<0.001 - Constituent not detected at or above the laboratory reporting limit shown

EPA - United States Environmental Protection Agency

* Analyte detected below the reporting limit, but above the method detection limit (J-flagged)

J-flagged concentrations are shown in the last column of this table

CA-MCL - California Primary Drinking Water Maximum Contaminant Level

¹ California Action Level/Notification Level

² Secondary CA-MCL (No Primary CA-MCL)

Table 7
Quality Control Analytical Results for Dissolved Metals
Third Quarter 2021
 Exide Technologies
 Vernon, California

Sample ID	Sample Date	EPA 6020 / 7470A (milligrams per liter [mg/L])							J-Flagged Results
		Molybdenum (Mo)	Nickel (Ni)	Selenium (Se)	Silver (Ag)	Thallium (Tl)	Vanadium (V)	Zinc (Zn)	
EB-092721-1	9/27/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.020*	Zinc 0.0062
FB-092721-2	9/27/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.020	None
EB-092721-2	9/27/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.020*	Zinc 0.0027
EB-092821-1	9/28/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.020*	Copper 0.00057, Zinc 0.0047
FB-092821-2	9/28/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.020*	Copper 0.00061, Zinc 0.0095
EB-092821-2	9/28/2021	<0.0010	<0.0010	<0.0010*	<0.0010	<0.0010	<0.0010	<0.020	Selenium 0.00055
FB-092921-1	9/29/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.020*	Zinc 0.018
EB-092921-1	9/29/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.020	Zinc 0.0044
EB-092921-2	9/29/2021	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.020*	Zinc 0.0032
CA-MCL		--	0.1	0.05	--	0.002	--	--	Varies
CA Secondary MCL or CA Action Level/Notification Level (if no MCL)		--	--	--	0.1 ²	--	0.05 ¹	5 ²	Varies

NOTES:

<0.001 - Constituent not detected at or above the laboratory reporting limit shown

EPA - United States Environmental Protection Agency

* Analyte detected below the reporting limit, but above the method detection limit (J-flagged)

J-flagged concentrations are shown in the last column of this table

CA-MCL - California Primary Drinking Water Maximum Contaminant Level

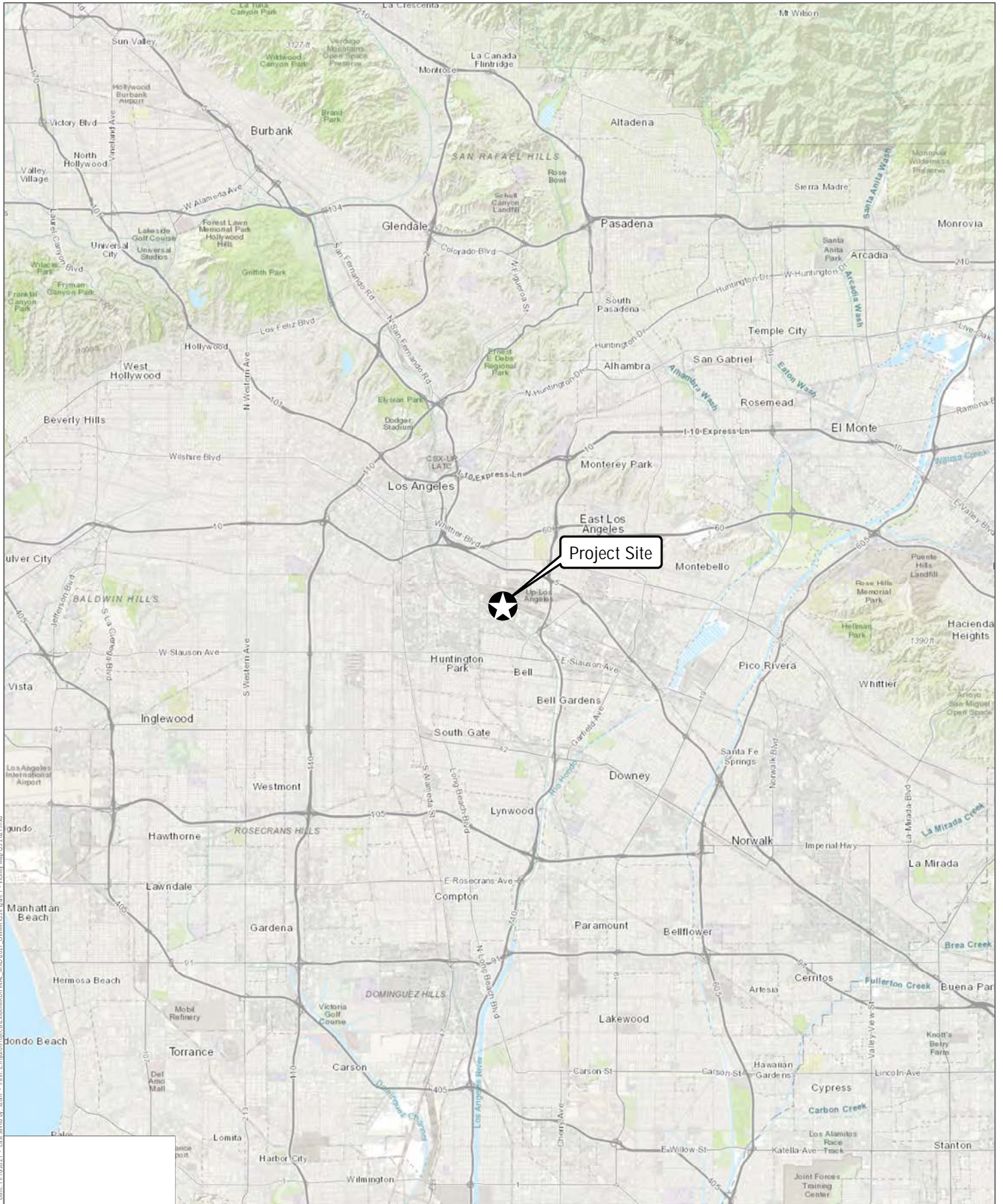
¹ California Action Level/Notification Level

² Secondary CA-MCL (No Primary CA-MCL)

Table 8
Quality Control Analytical Results for Additional Parameters
Third Quarter 2021
 Exide Technologies
 Vernon, California

Sample ID	Sample Date	SM 2450C	EPA 300.0	EPA 300.0	Dissolved Gases - RSK 175			EPA 300.0	SM 3500 Fe B	J-Flagged Results
		TDS	Sulfate	Chloride	Methane	Ethane	Ethylene	Nitrate as N	Ferrous Iron	
		mg/L	mg/L	mg/L	ug/L			mg/L	mg/L	
EB-092721-1	9/27/2021	<10	<1.0	<1.0	NS	NS	NS	NS	NS	None
FB-092721-2	9/27/2021	<10	<1.0	<1.0	NS	NS	NS	NS	NS	None
EB-092721-2	9/27/2021	<10	<1.0	<1.0	NS	NS	NS	NS	NS	None
EB-092821-1	9/28/2021	<10	<1.0	<1.0	NS	NS	NS	NS	NS	None
FB-092821-2	9/28/2021	<10	<1.0	<1.0	<1.0*	<1.0	<1.0	<0.11	<0.10	Methane 0.18
EB-092821-2	9/28/2021	<10	<1.0	<1.0	<1.0*	<1.0	<1.0	<0.11	<0.10	Methane 0.079
FB-092921-1	9/29/2021	<10	<1.0	<1.0	<1.0*	<1.0	<1.0	<0.11	<0.10	Methane 0.83
EB-092921-1	9/29/2021	<10	<1.0	<1.0	NS	NS	NS	NS	NS	None
EB-092921-2	9/29/2021	<10	<1.0	<1.0	<1.0*	<1.0	<1.0	<0.11	<0.10	Methane 0.10
CA-MCL		--	--	--	--	--	--	10	--	Varies
CA Secondary MCL (if no MCL)		1,000 ¹	500 ¹	250 ¹	--	--	--	--	0.3 ¹	Varies

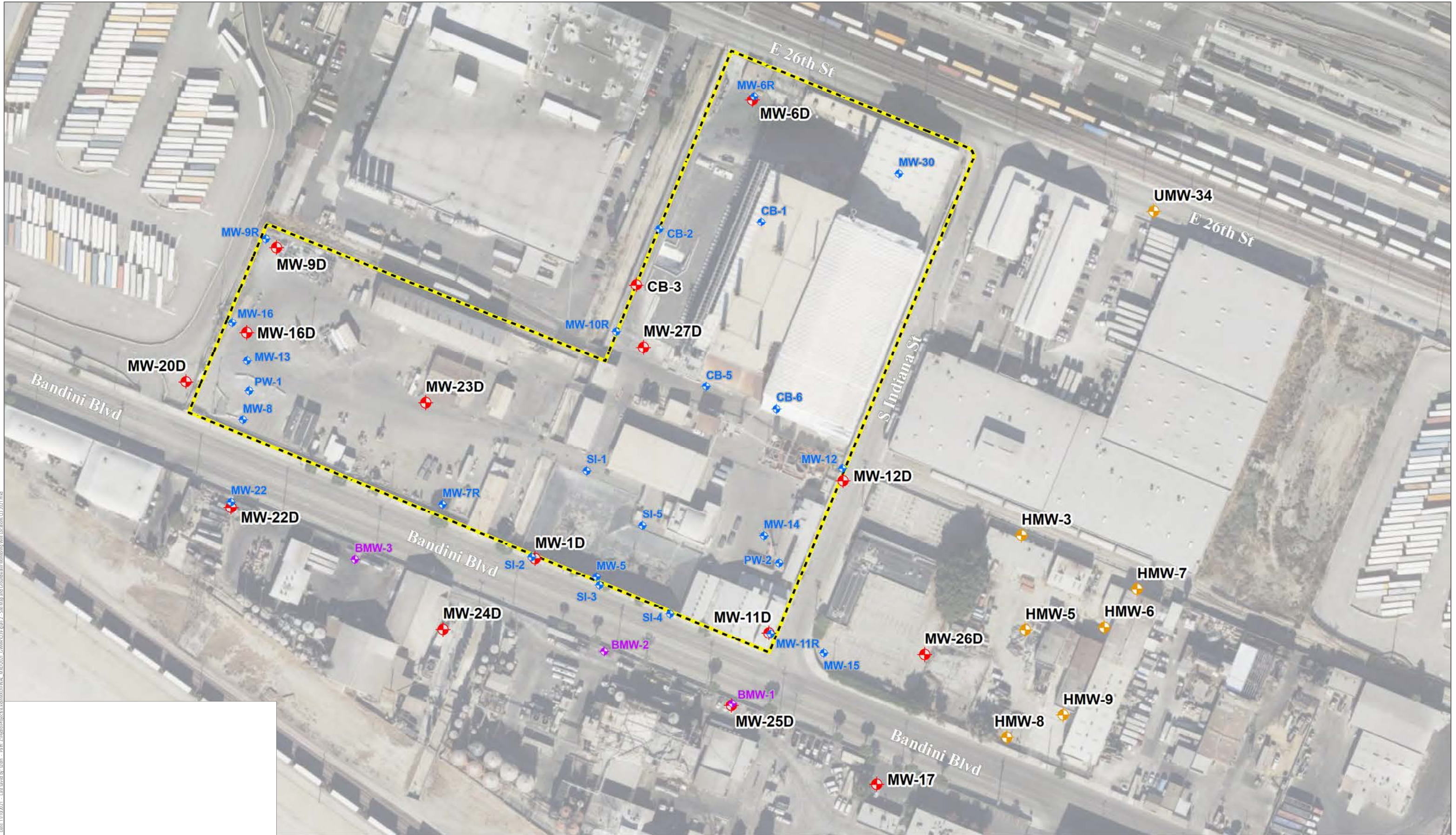
NOTES: CA-MCL - California Primary Drinking Water Maximum Contaminant Level
¹ Secondary CA-MCL (No Primary CA-MCL)
 * Constituent detected below the reporting limit but above the method detection limit (J-Flagged)
 J-flagged concentrations are shown in the last column of this table
 EPA - United States Environmental Protection Agency
 mg/L - milligrams per liter
 µg/L - micrograms per liter
 NTU - nephelometric turbidity unit
 NS - not sampled



SOURCE: Esri



FIGURE 1
Vicinity Map
2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California



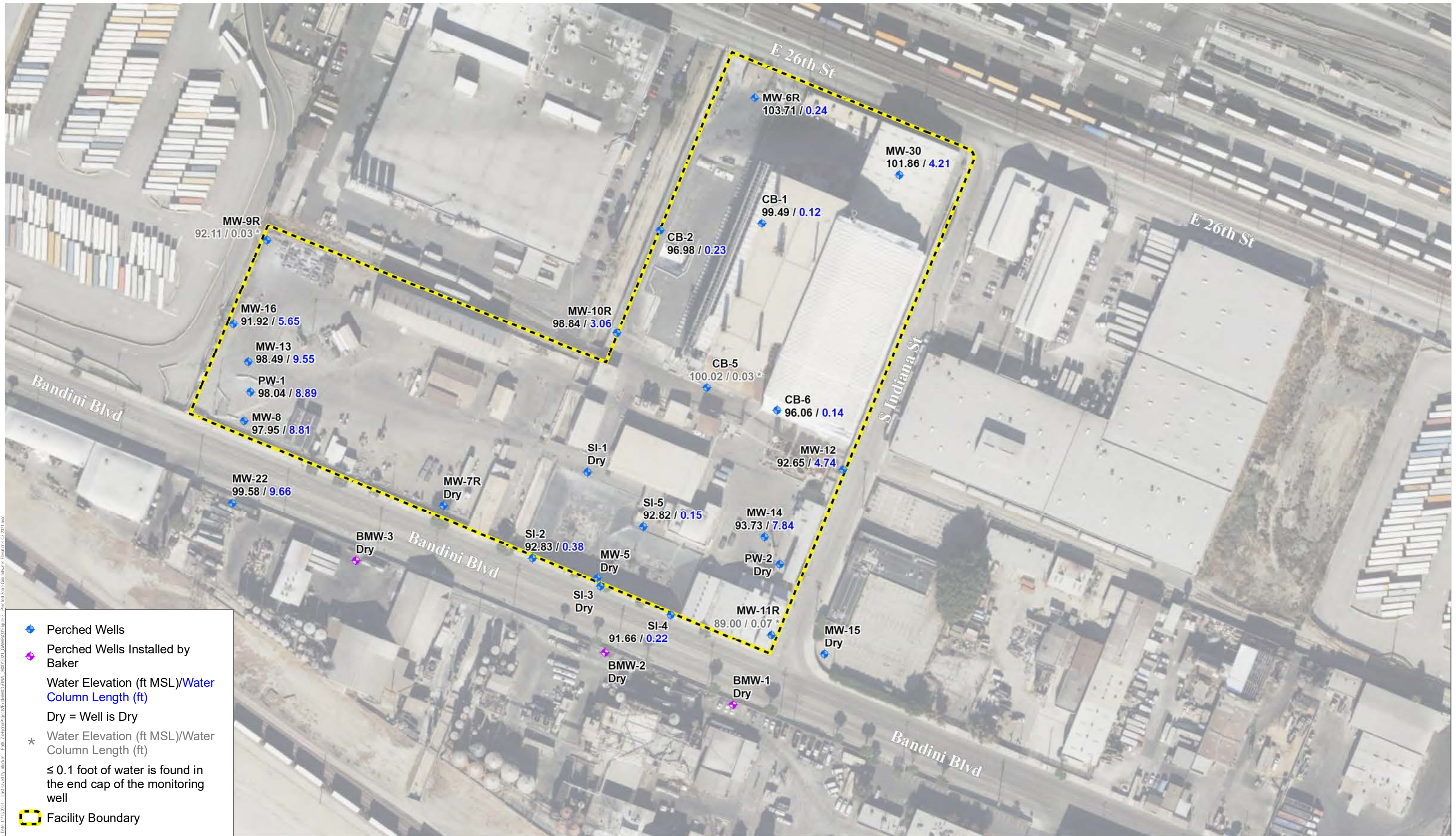
SOURCE: Bing Maps



FIGURE 2

Site Map and Groundwater Monitoring Well Locations

2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California

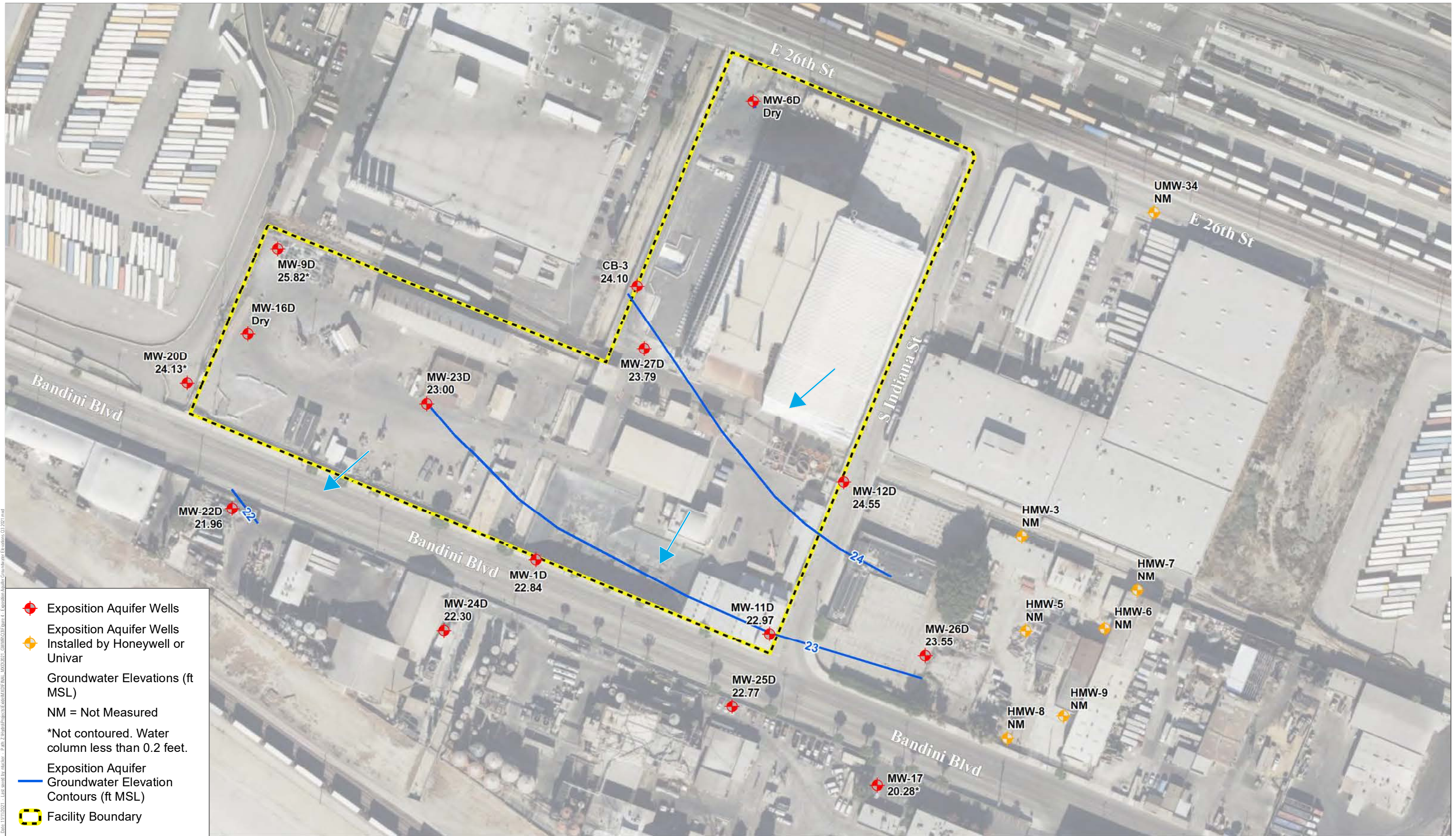


SOURCE: Bing Maps



FIGURE 3

Perched Zone Groundwater Elevations

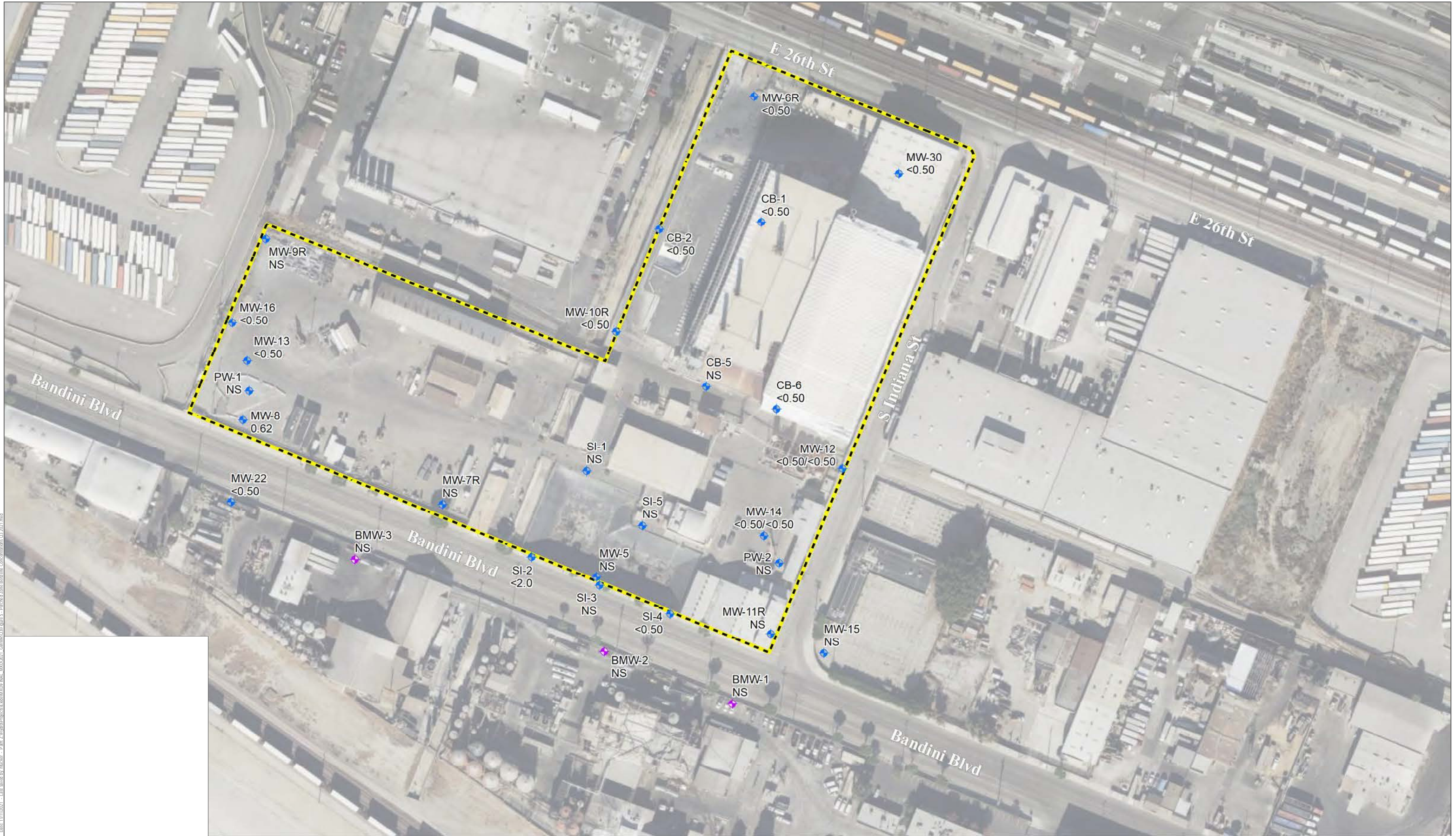


SOURCE: Bing Maps



FIGURE 4

Exposition Aquifer Groundwater Elevations

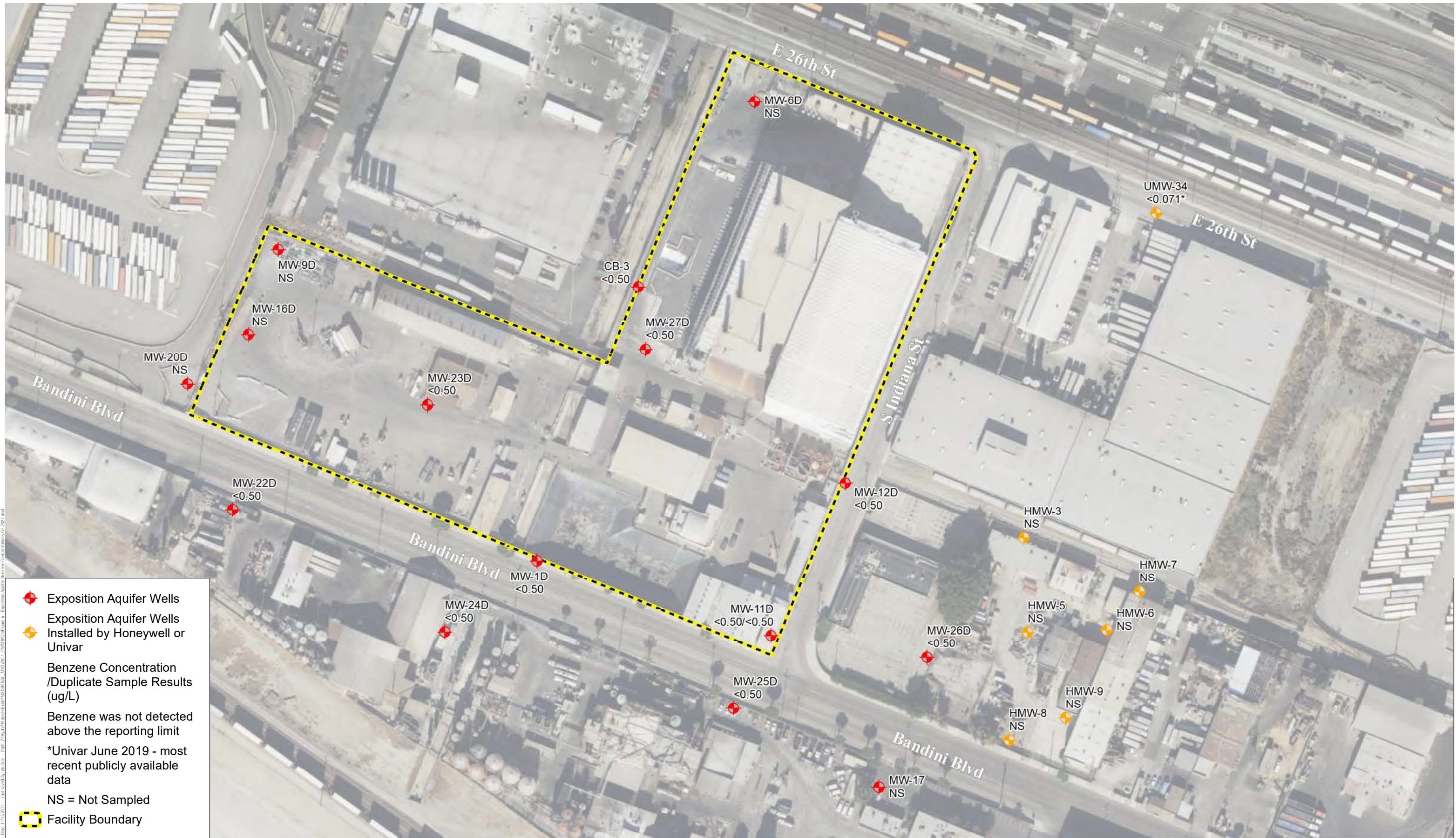


SOURCE: Bing Maps



FIGURE 5

Perched Zone Benzene Concentrations

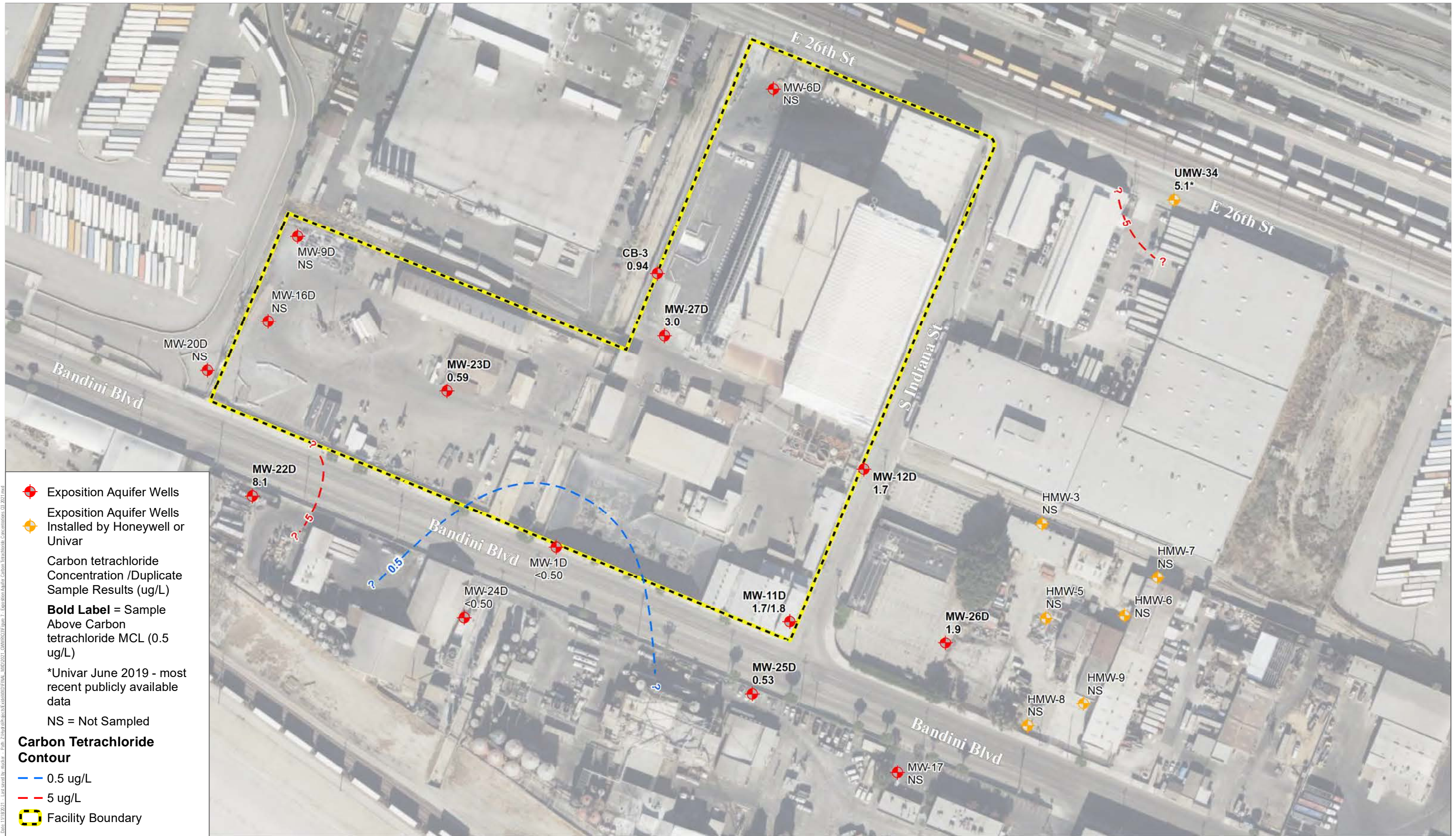


SOURCE: Bing Maps



FIGURE 6

Exposition Aquifer Benzene Concentrations



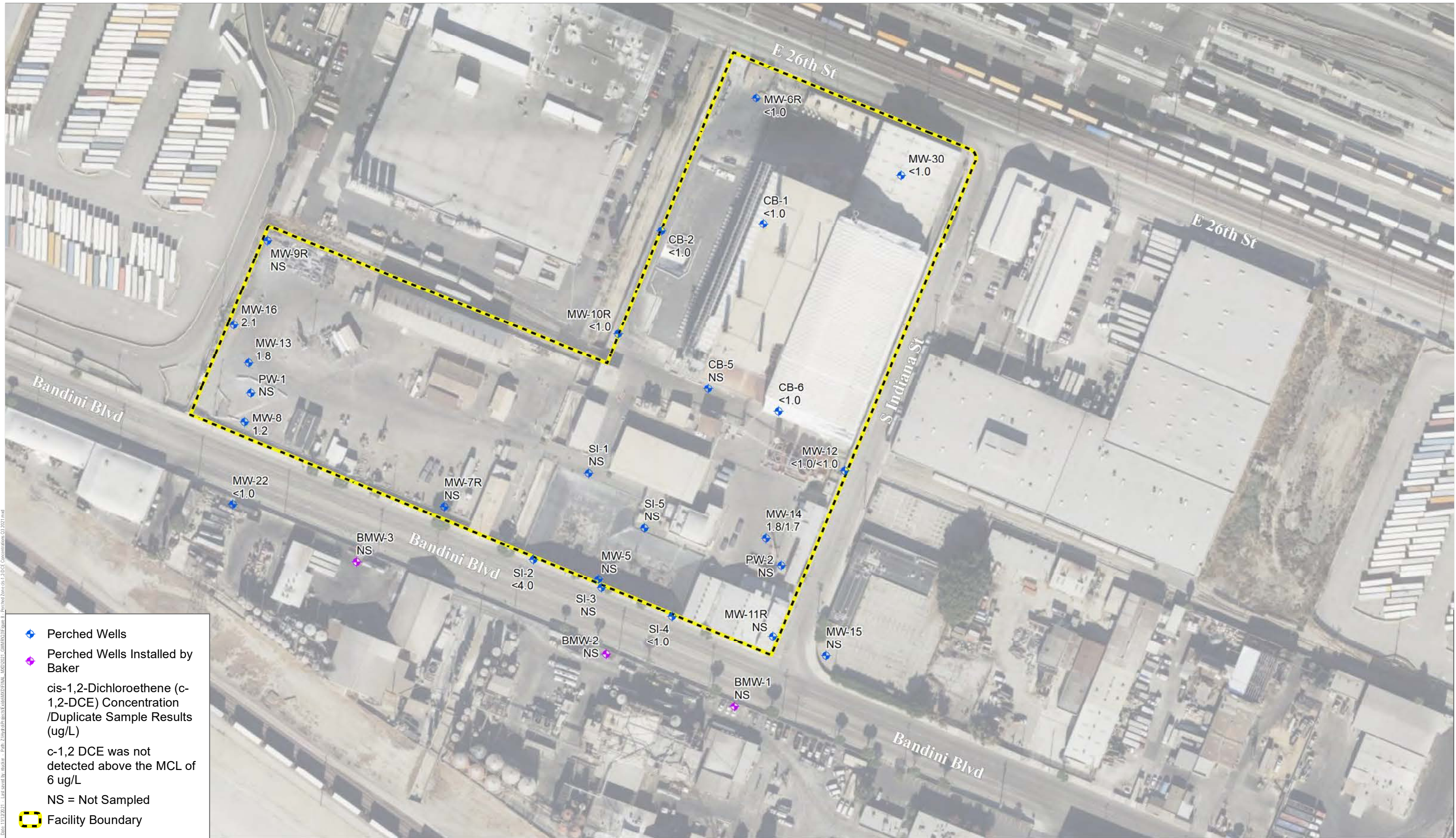
◆ Exposition Aquifer Wells
 ◆ Exposition Aquifer Wells Installed by Honeywell or Univar
 Carbon tetrachloride Concentration /Duplicate Sample Results (ug/L)
Bold Label = Sample Above Carbon tetrachloride MCL (0.5 ug/L)
 *Univar June 2019 - most recent publicly available data
 NS = Not Sampled
Carbon Tetrachloride Contour
 - - 0.5 ug/L
 - - 5 ug/L
 □ Facility Boundary

SOURCE: Bing Maps



FIGURE 7

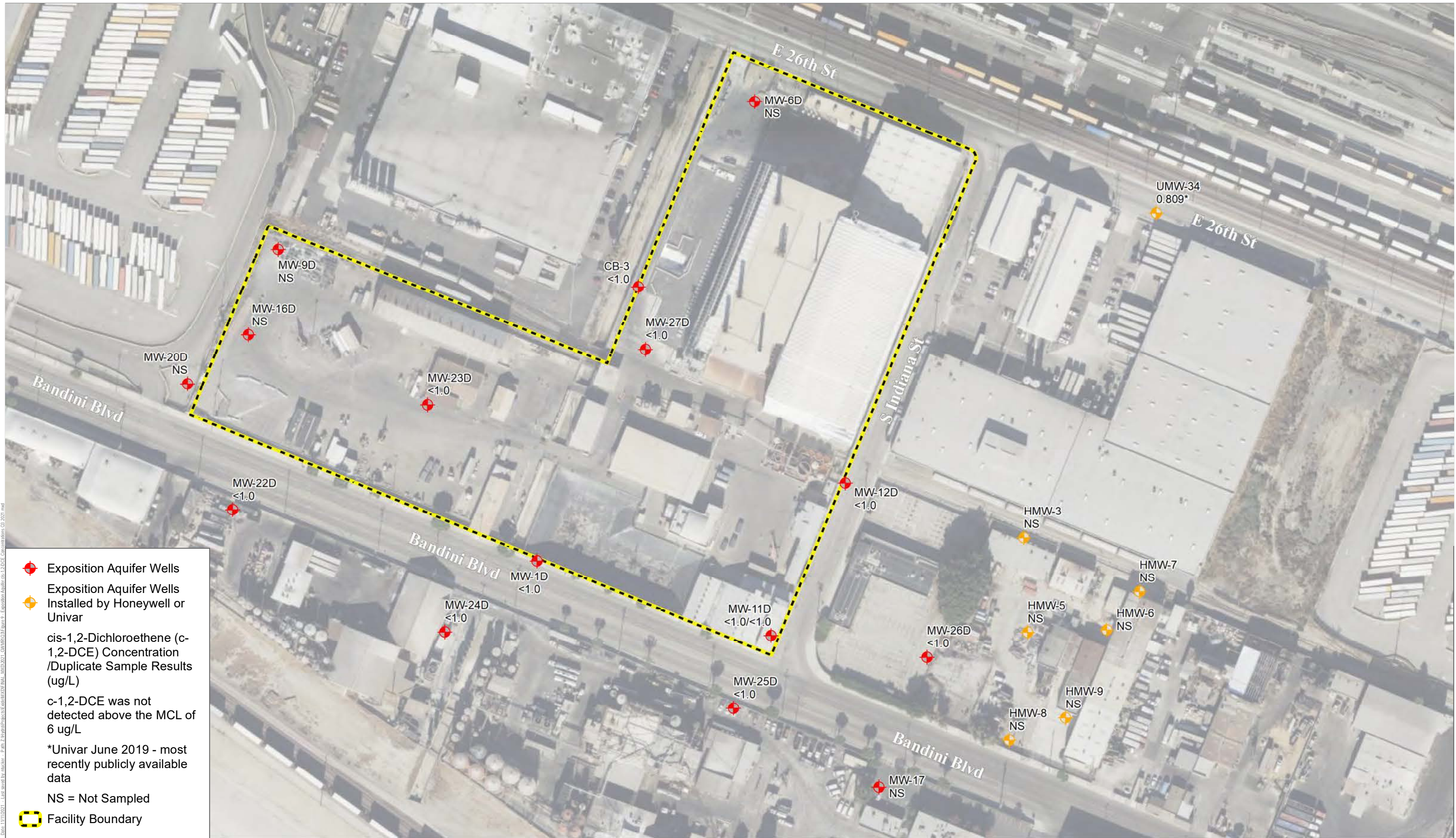
Exposition Aquifer Carbon Tetrachloride Concentrations



SOURCE: Bing Maps



FIGURE 8
 Perched Zone cis-1,2-Dichloroethene Concentrations
 2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California



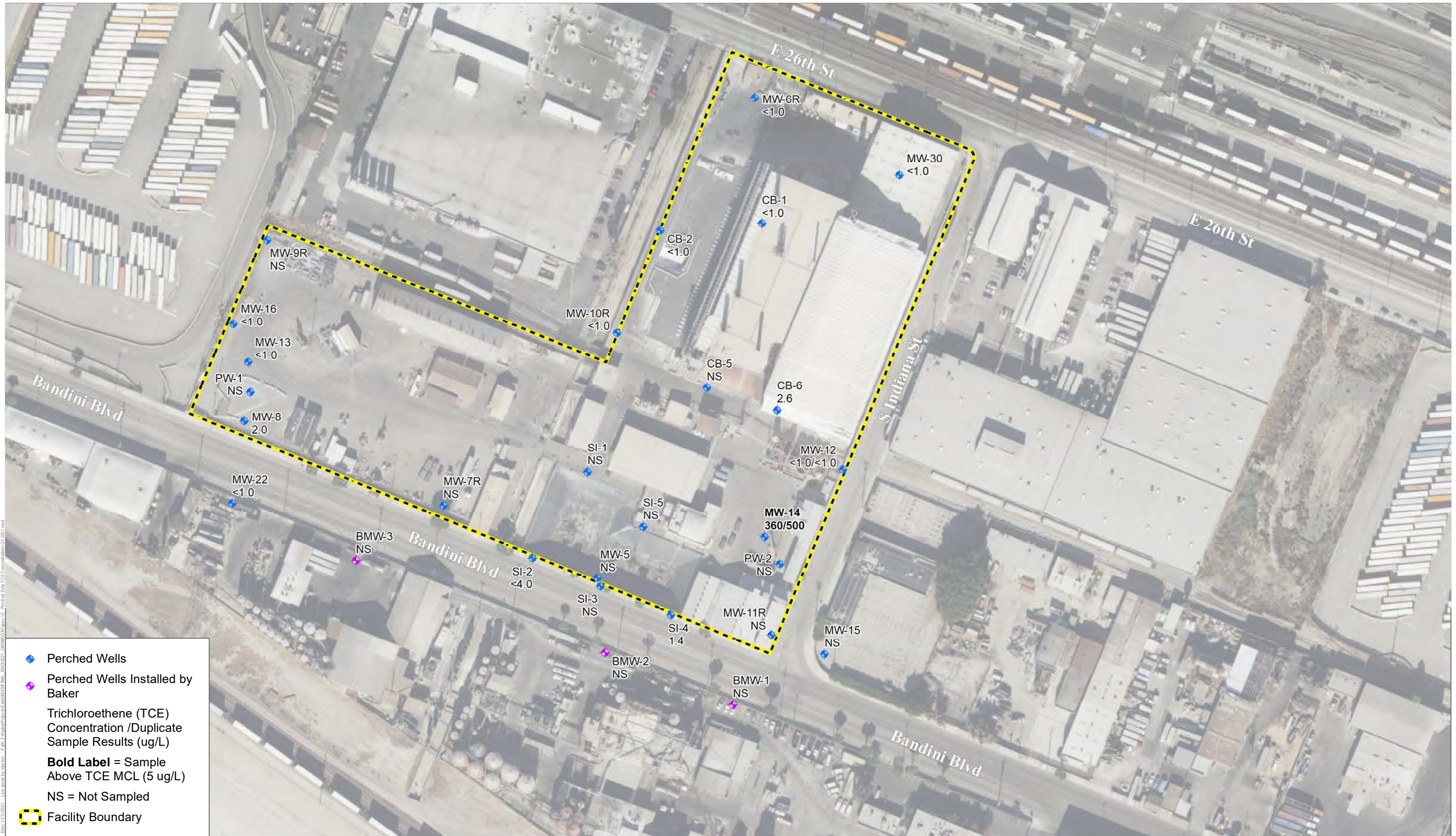
SOURCE: Bing Maps



FIGURE 9

Exposition Aquifer cis-1,2-Dichloroethene Concentrations

2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California

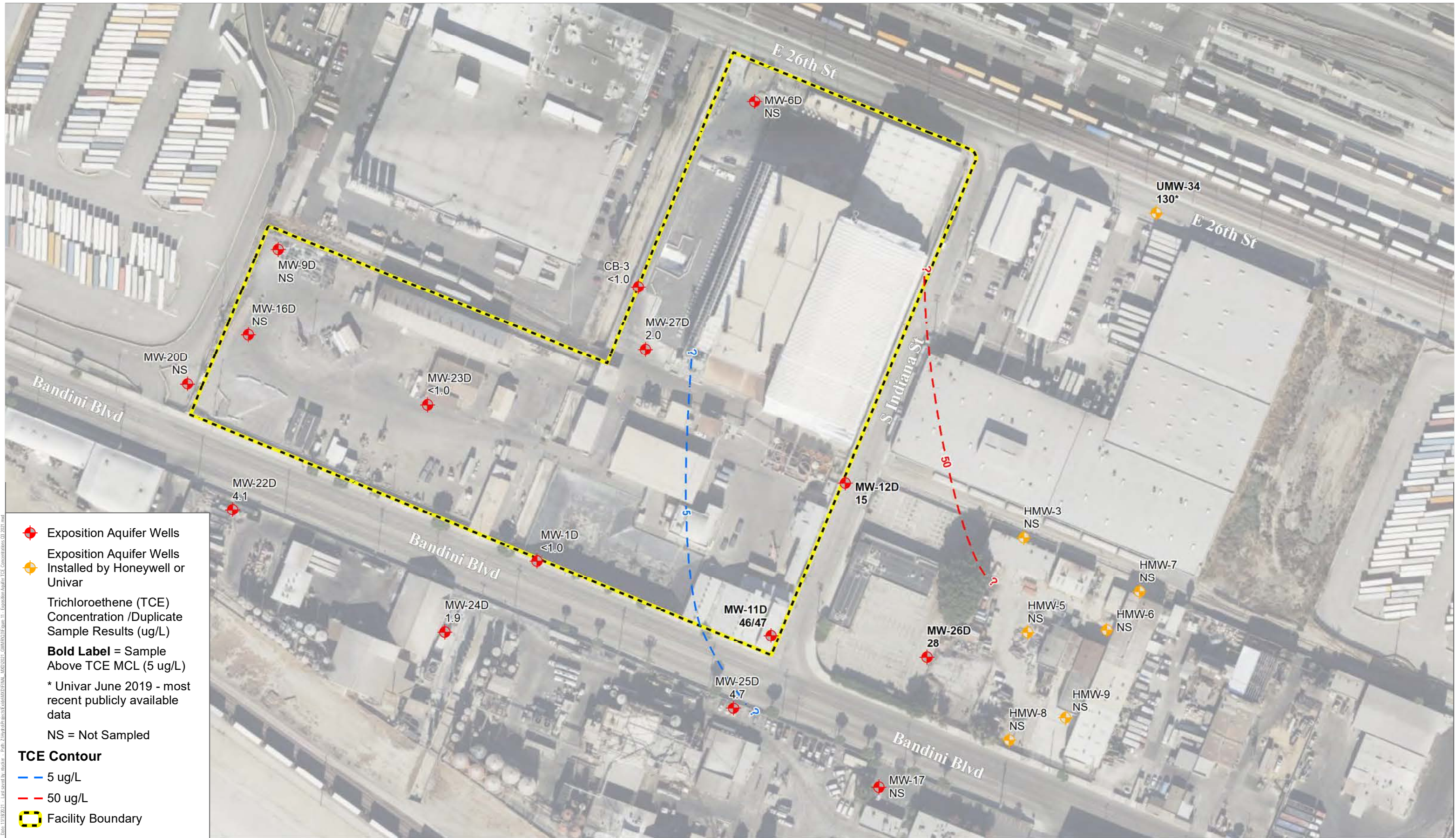


SOURCE: Bing Maps



FIGURE 10

Perched Zone Trichloroethene Concentrations

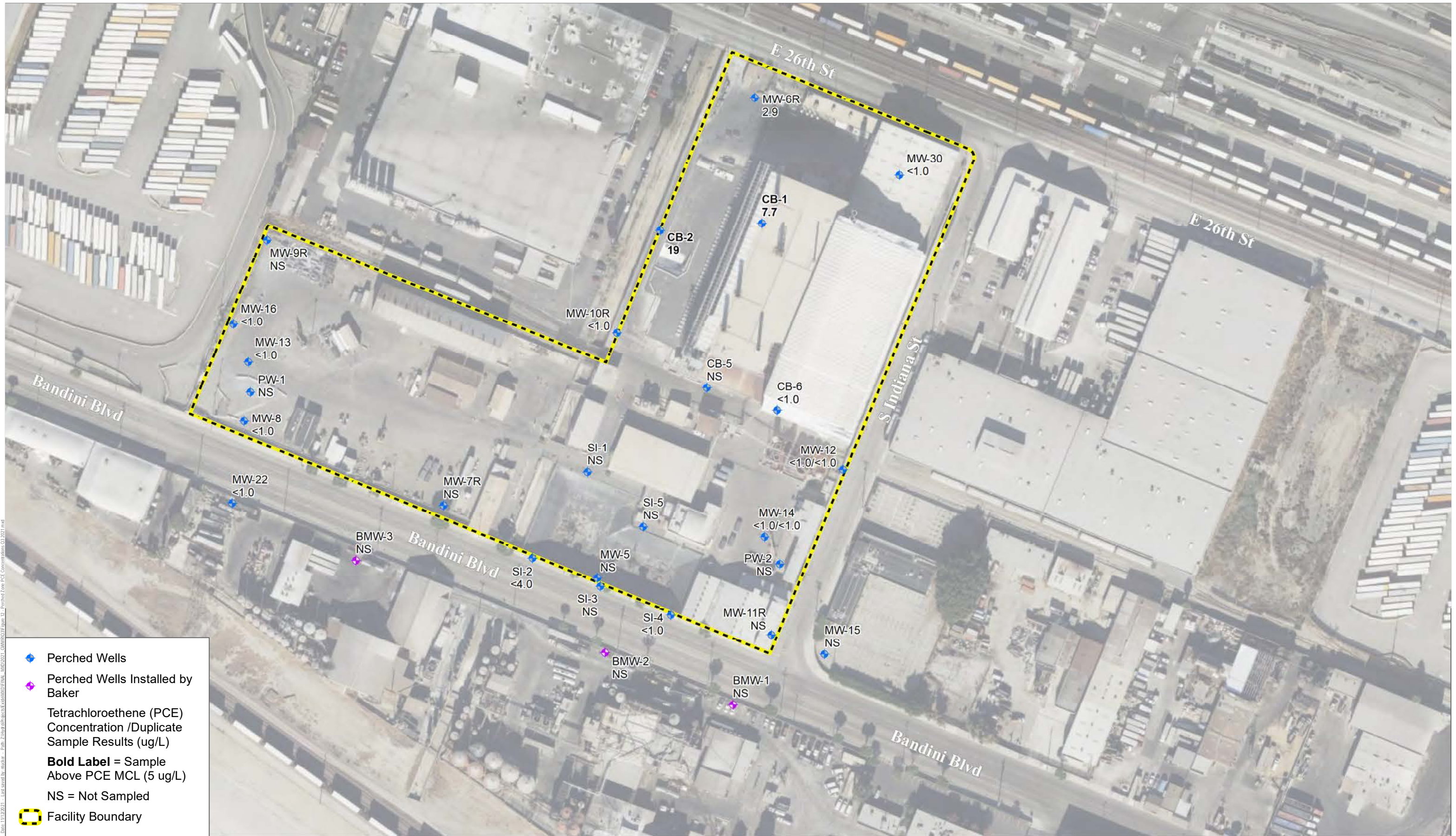


SOURCE: Bing Maps



FIGURE 11

Exposition Aquifer Trichloroethene Concentrations

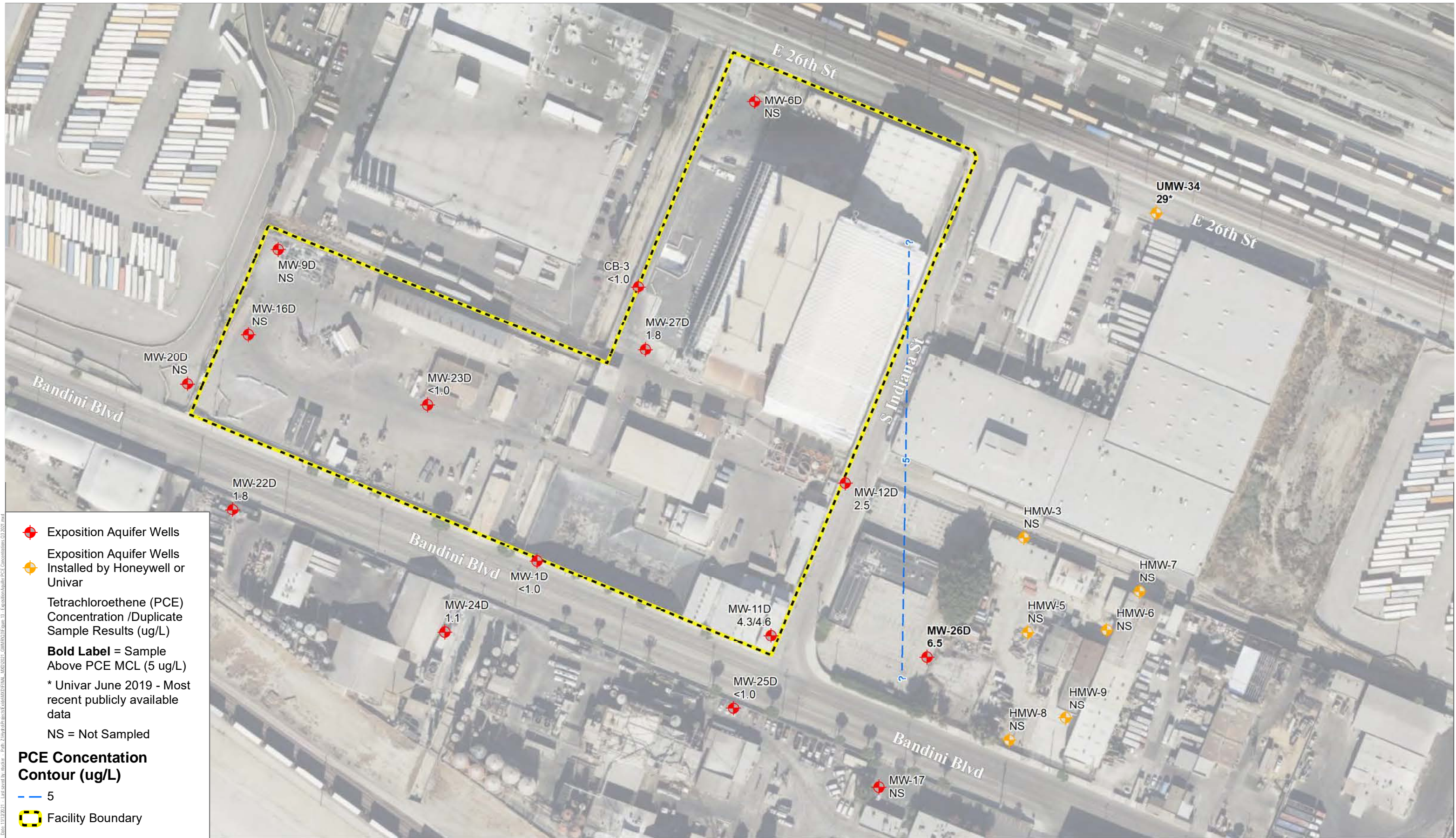


SOURCE: Bing Maps



FIGURE 12

Perched Zone Tetrachloroethene Concentrations



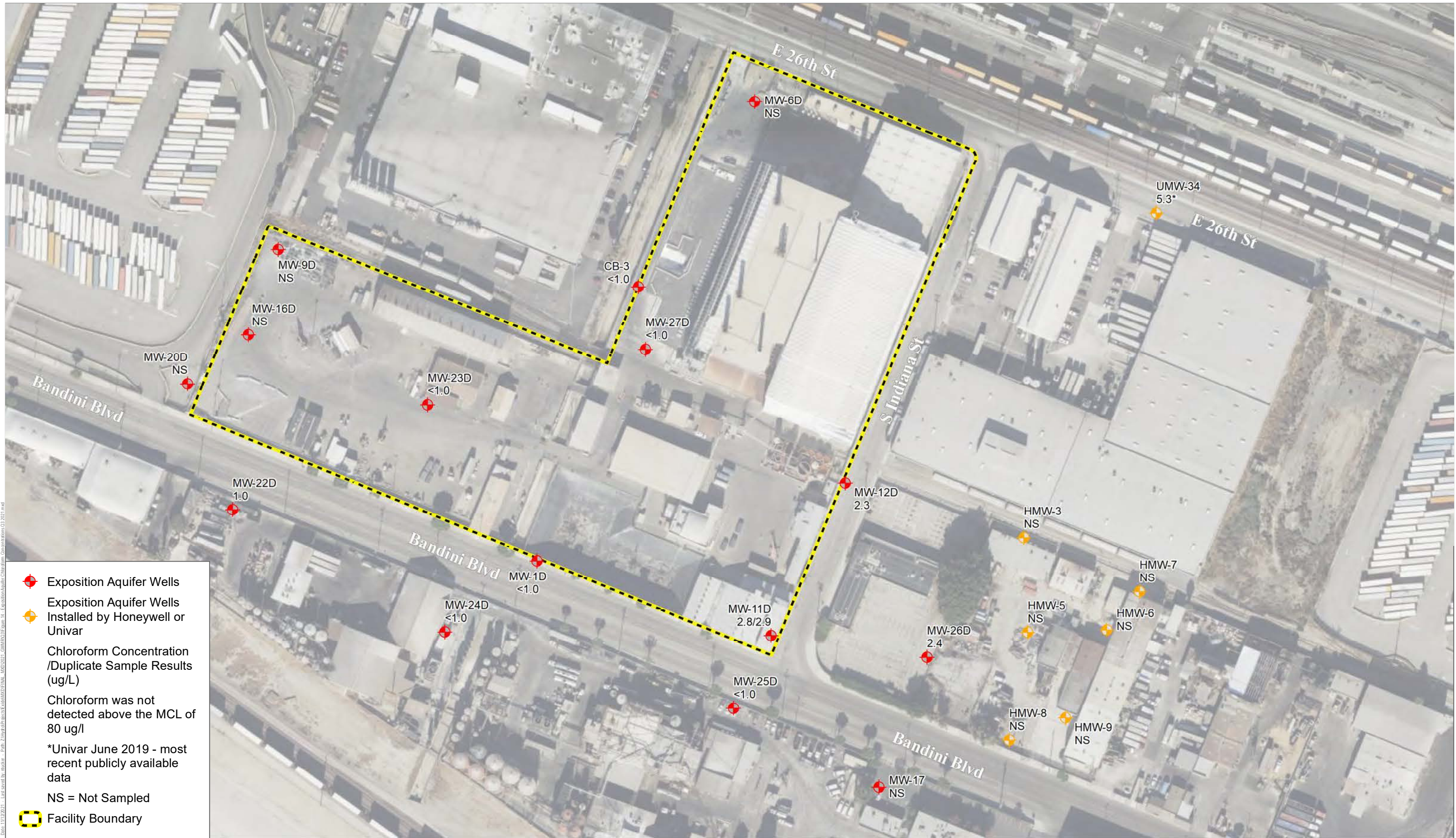
SOURCE: Bing Maps



FIGURE 13

Exposition Aquifer Tetrachloroethene Concentrations

2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California

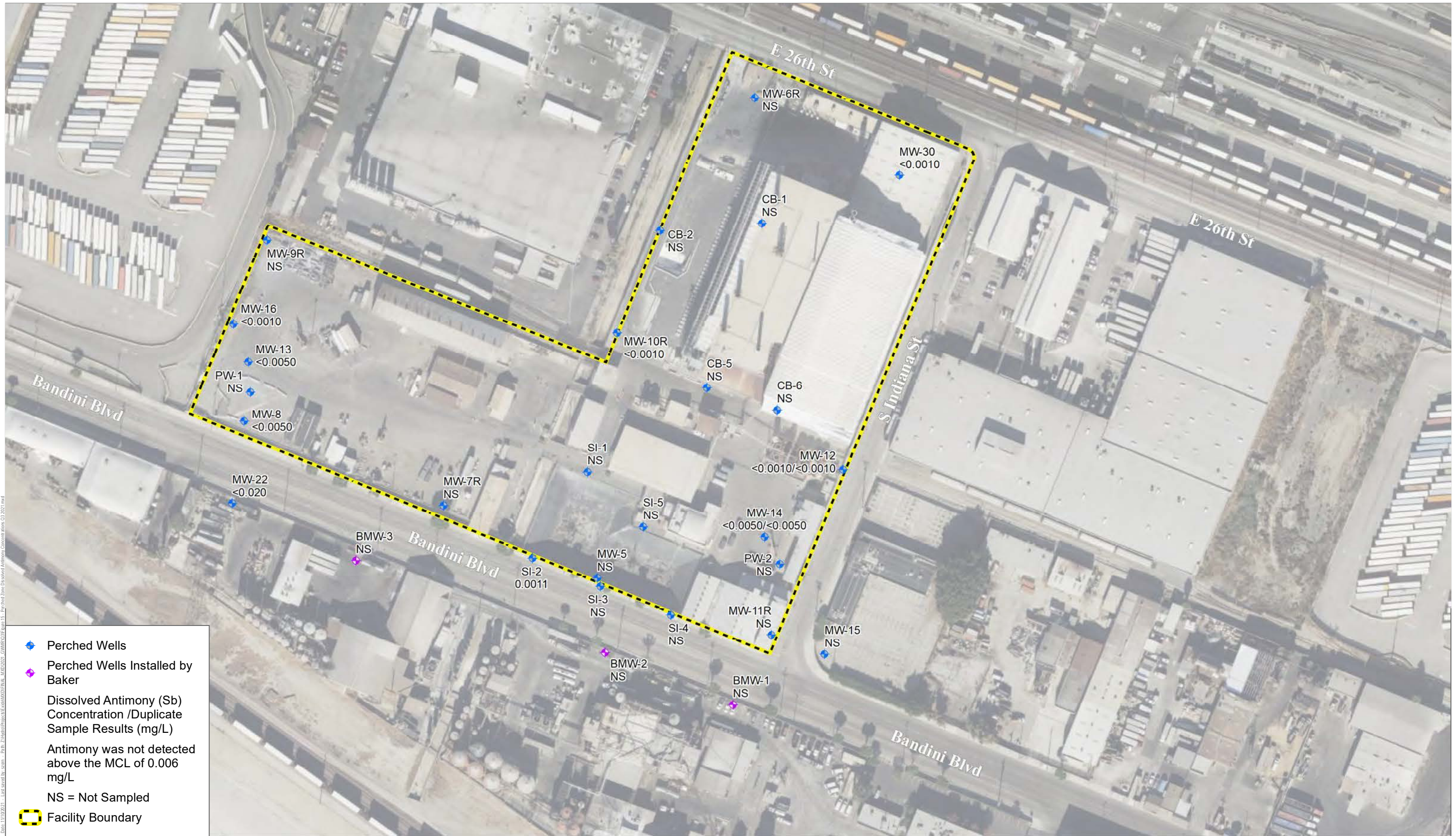


SOURCE: Bing Maps



FIGURE 14

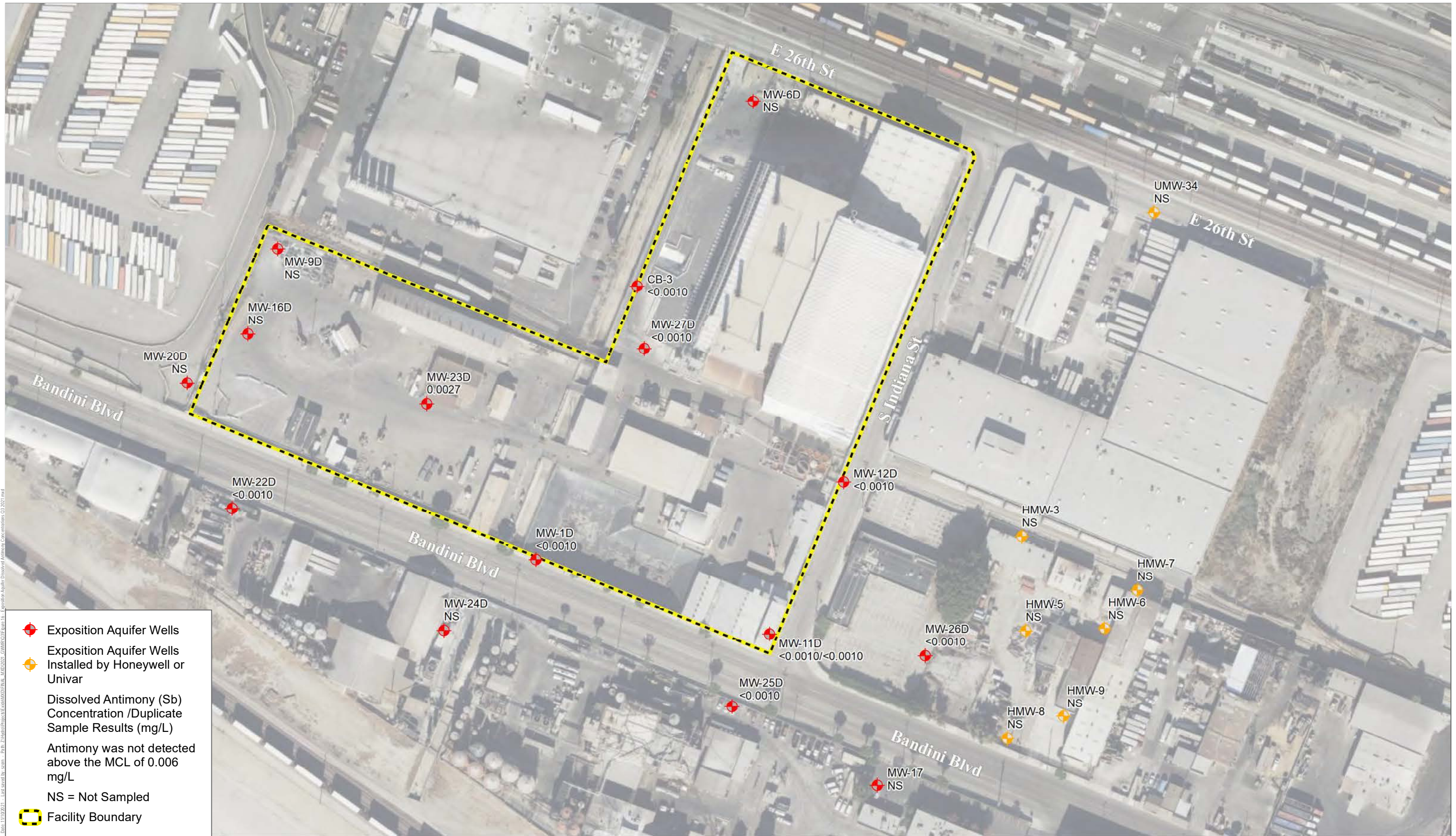
Exposition Aquifer Chloroform Concentrations



SOURCE: Bing Maps



FIGURE 15
 Perched Zone Dissolved Antimony Concentrations
 2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California



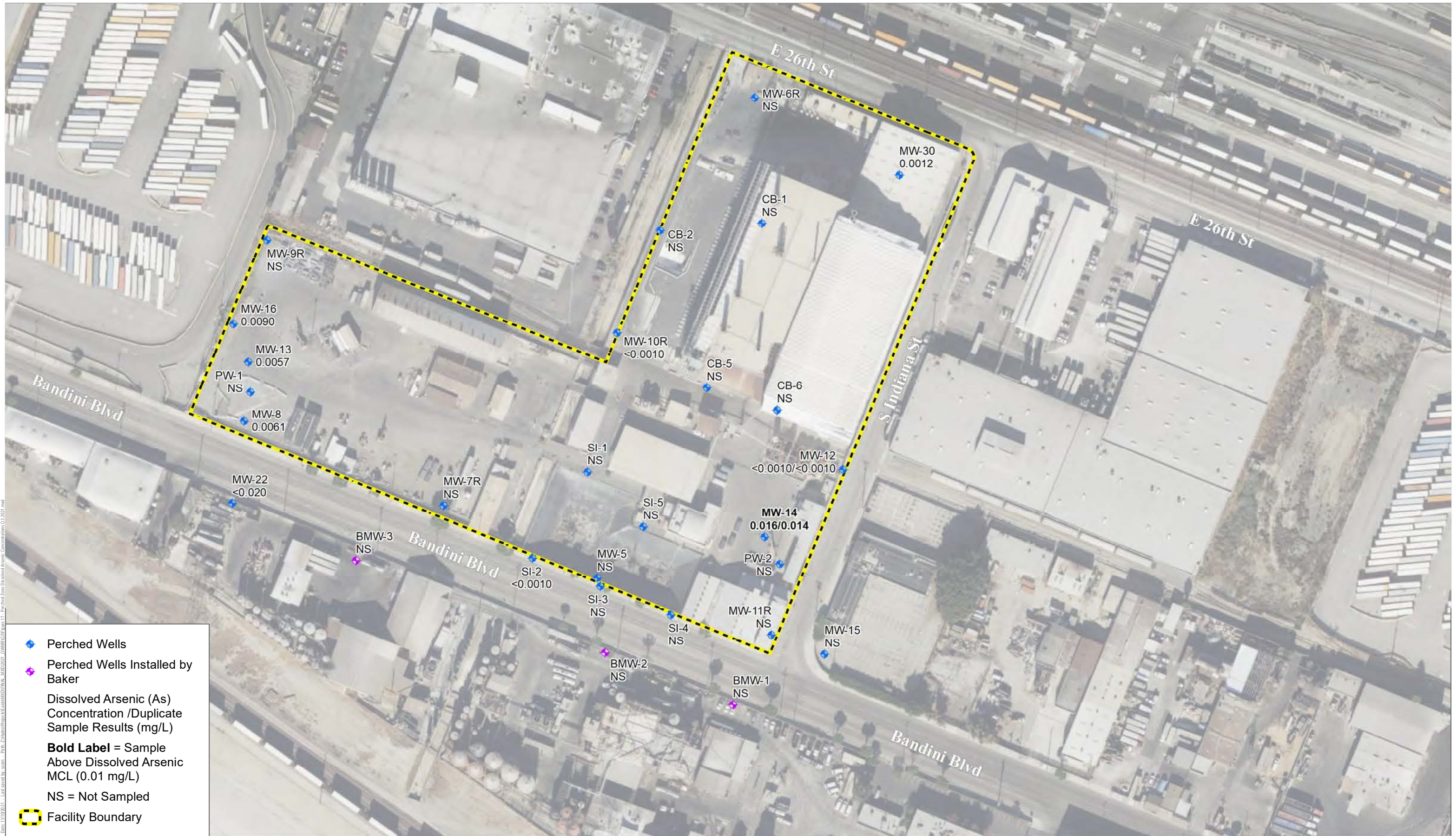
SOURCE: Bing Maps



FIGURE 16

Exposition Aquifer Dissolved Antimony Concentrations

2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California

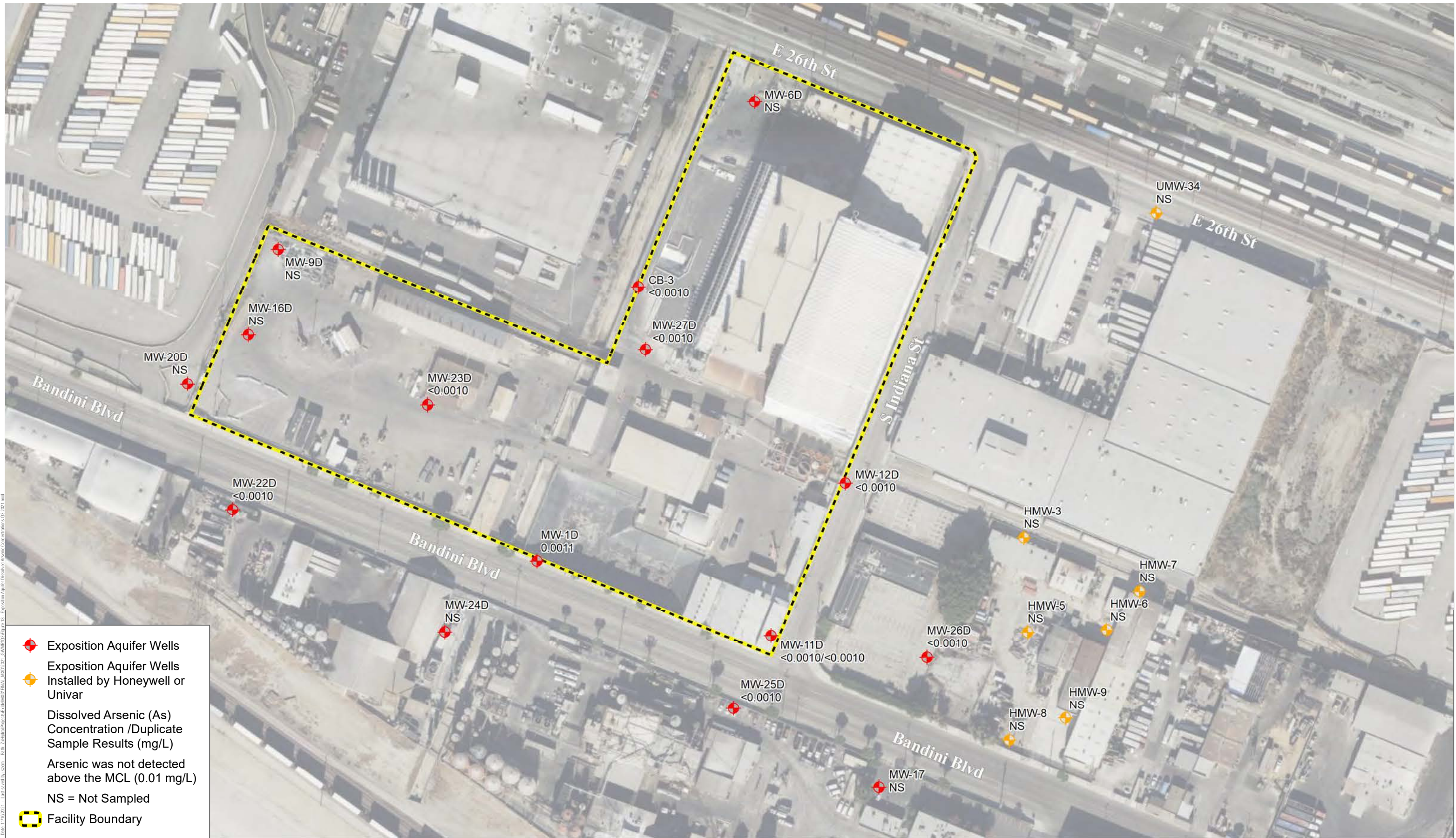


SOURCE: Bing Maps



FIGURE 17

Perched Zone Dissolved Arsenic Concentrations



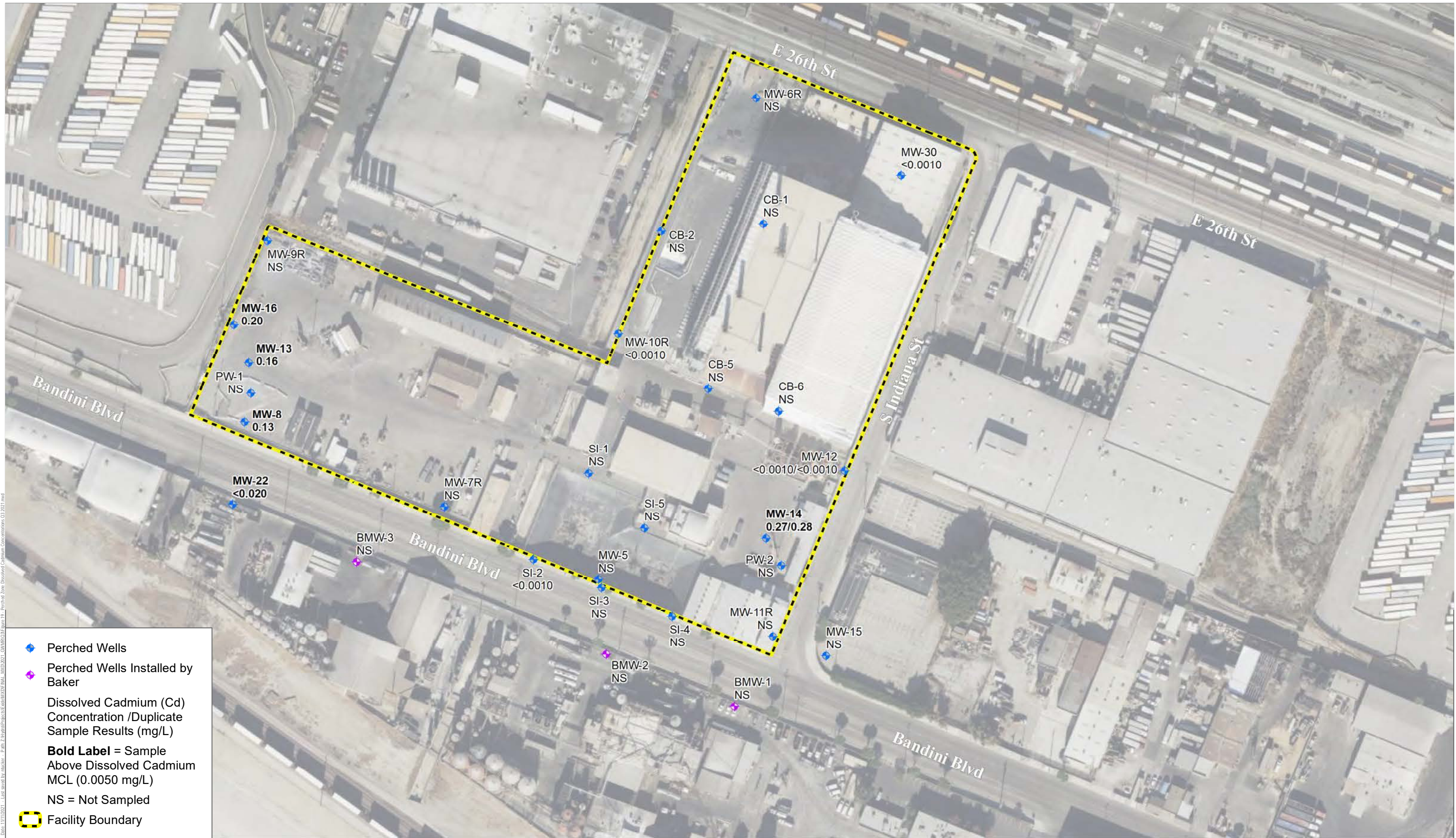
SOURCE: Bing Maps



FIGURE 18

Exposition Aquifer Dissolved Arsenic Concentrations

2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California

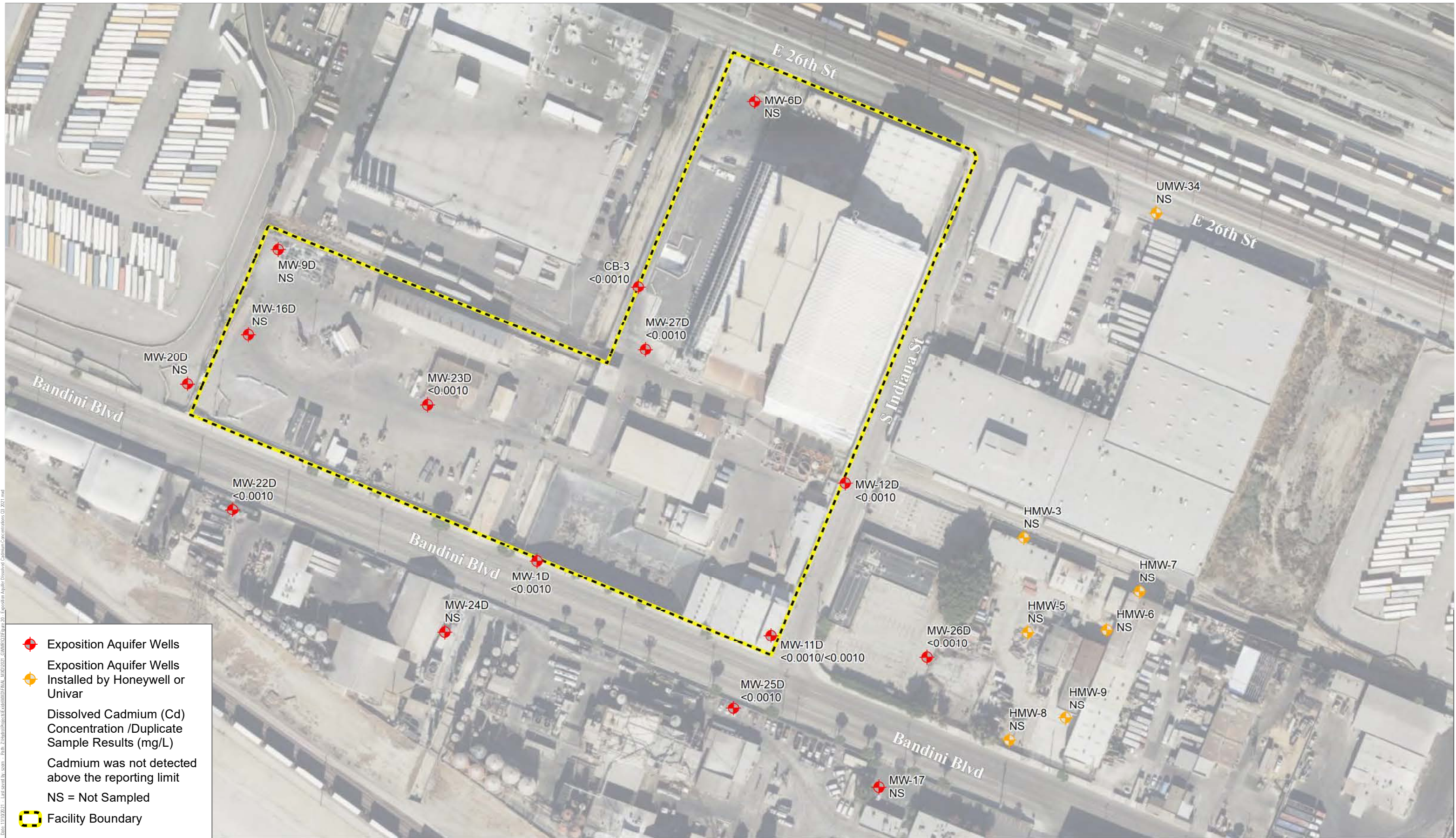


SOURCE: Bing Maps



FIGURE 19

Perched Zone Dissolved Cadmium Concentrations



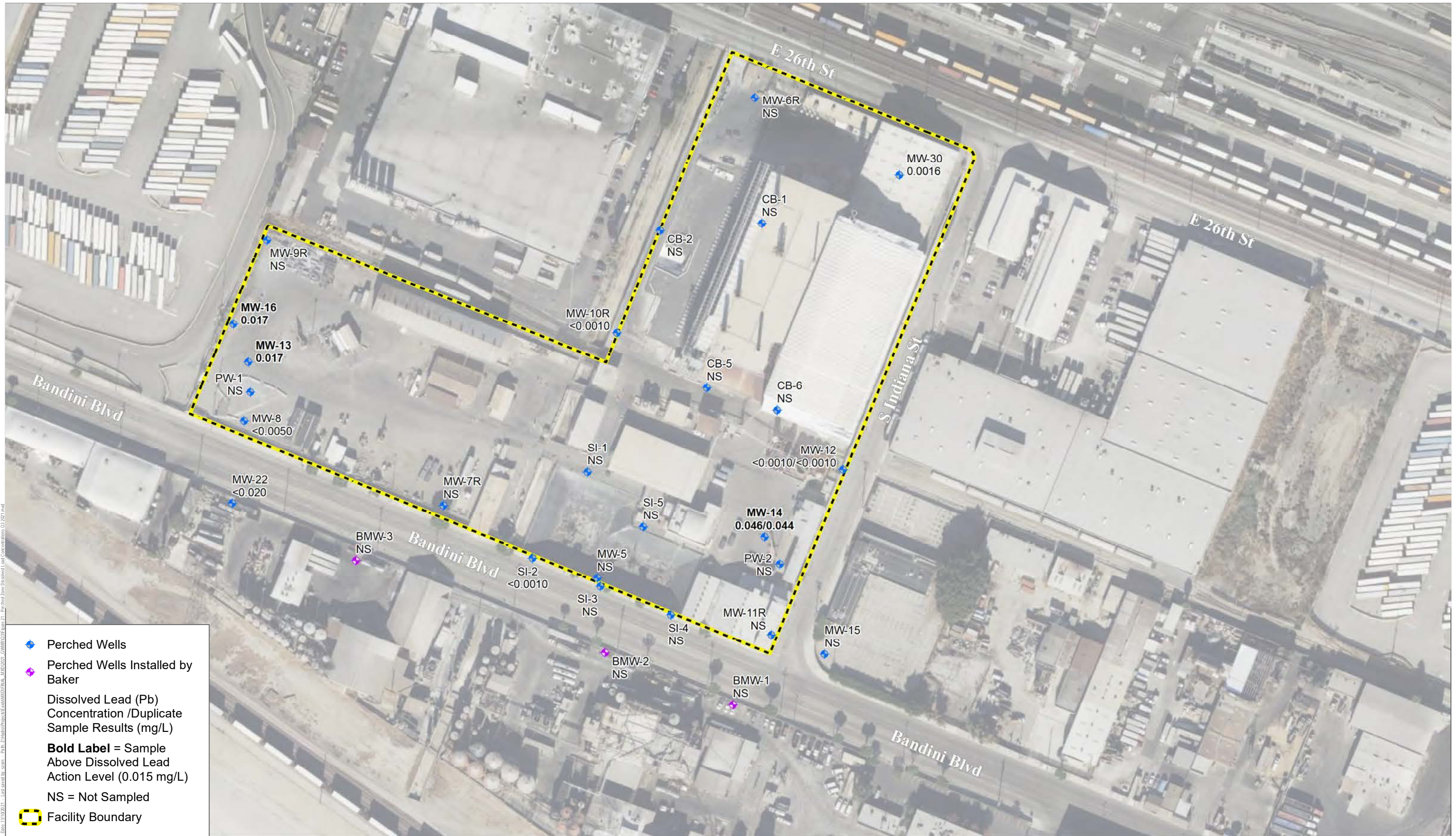
SOURCE: Bing Maps



FIGURE 20

Exposition Aquifer Dissolved Cadmium Concentrations

2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California

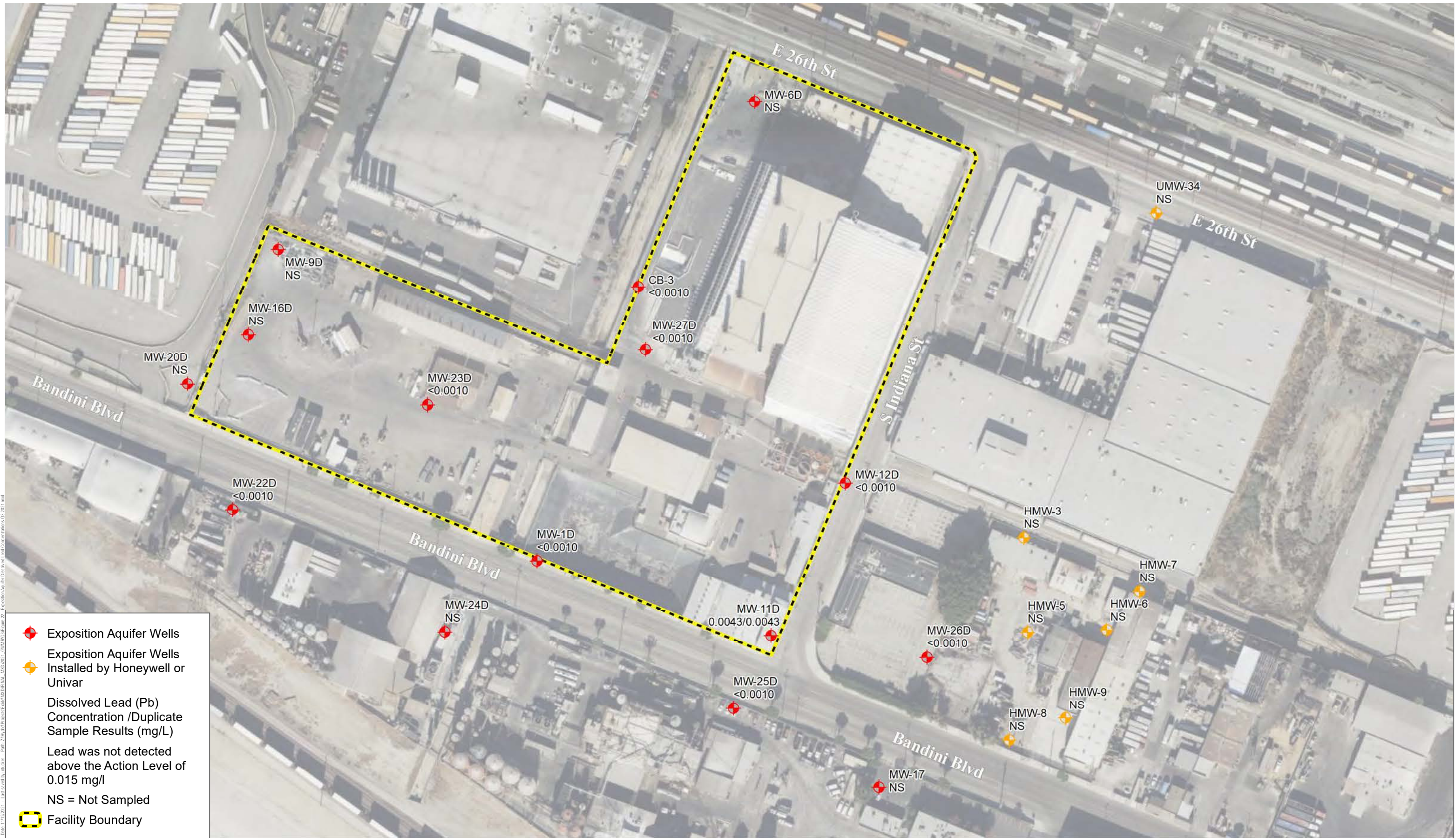


SOURCE: Bing Maps



FIGURE 21

Perched Zone Dissolved Lead Concentrations

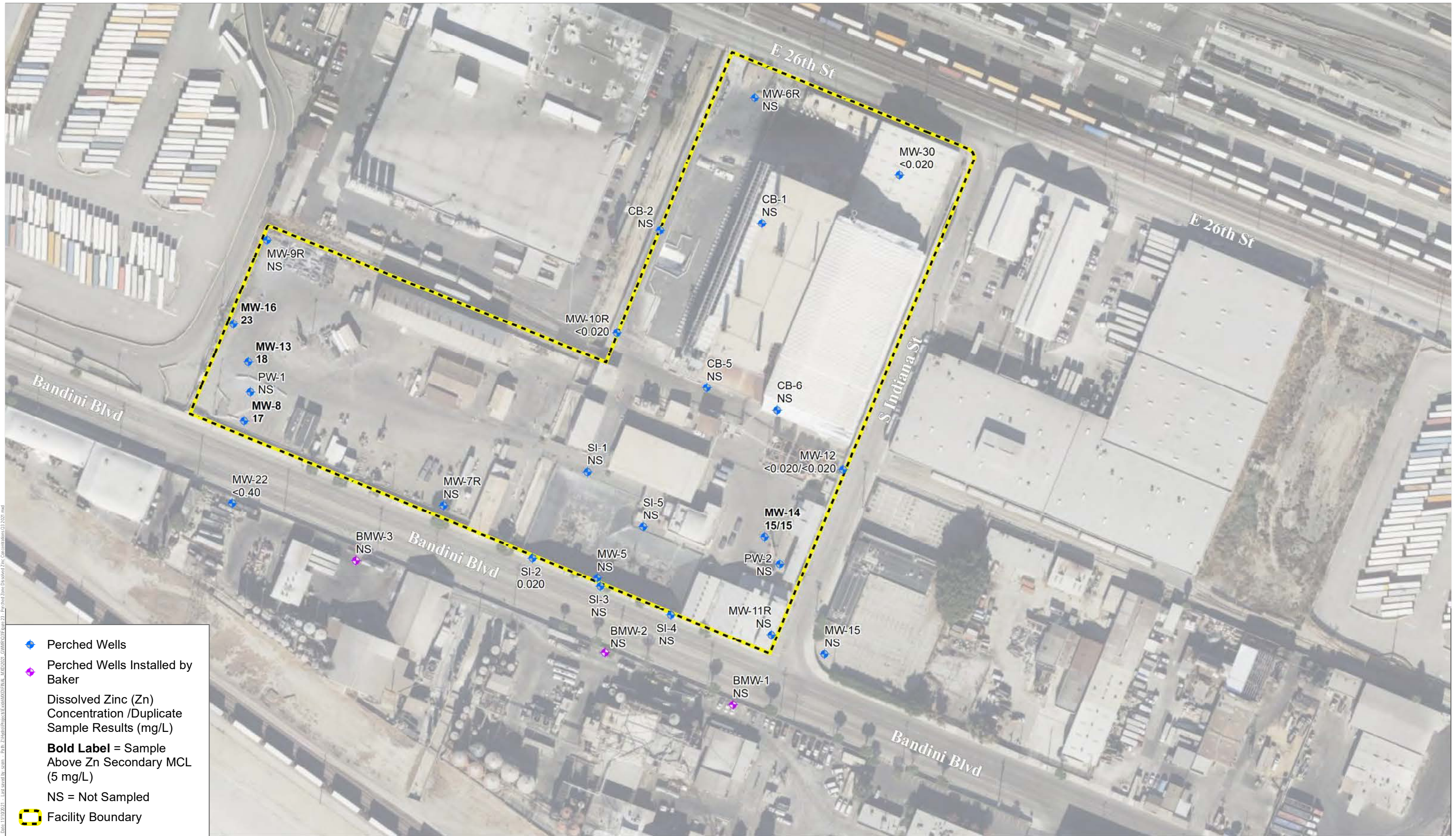


SOURCE: Bing Maps



FIGURE 22

Exposition Aquifer Dissolved Lead Concentrations

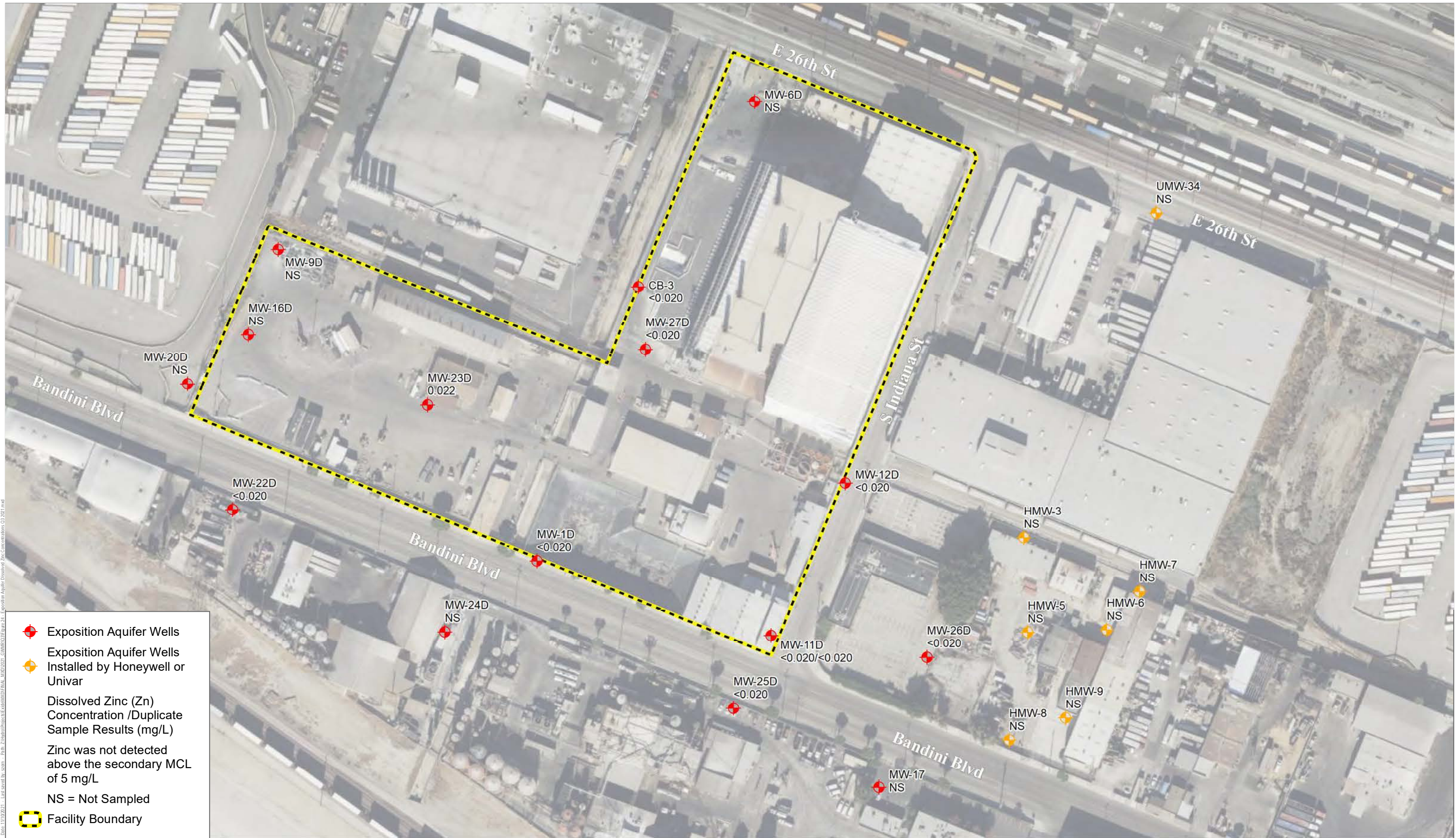


SOURCE: Bing Maps



FIGURE 23

Perched Zone Dissolved Zinc Concentrations

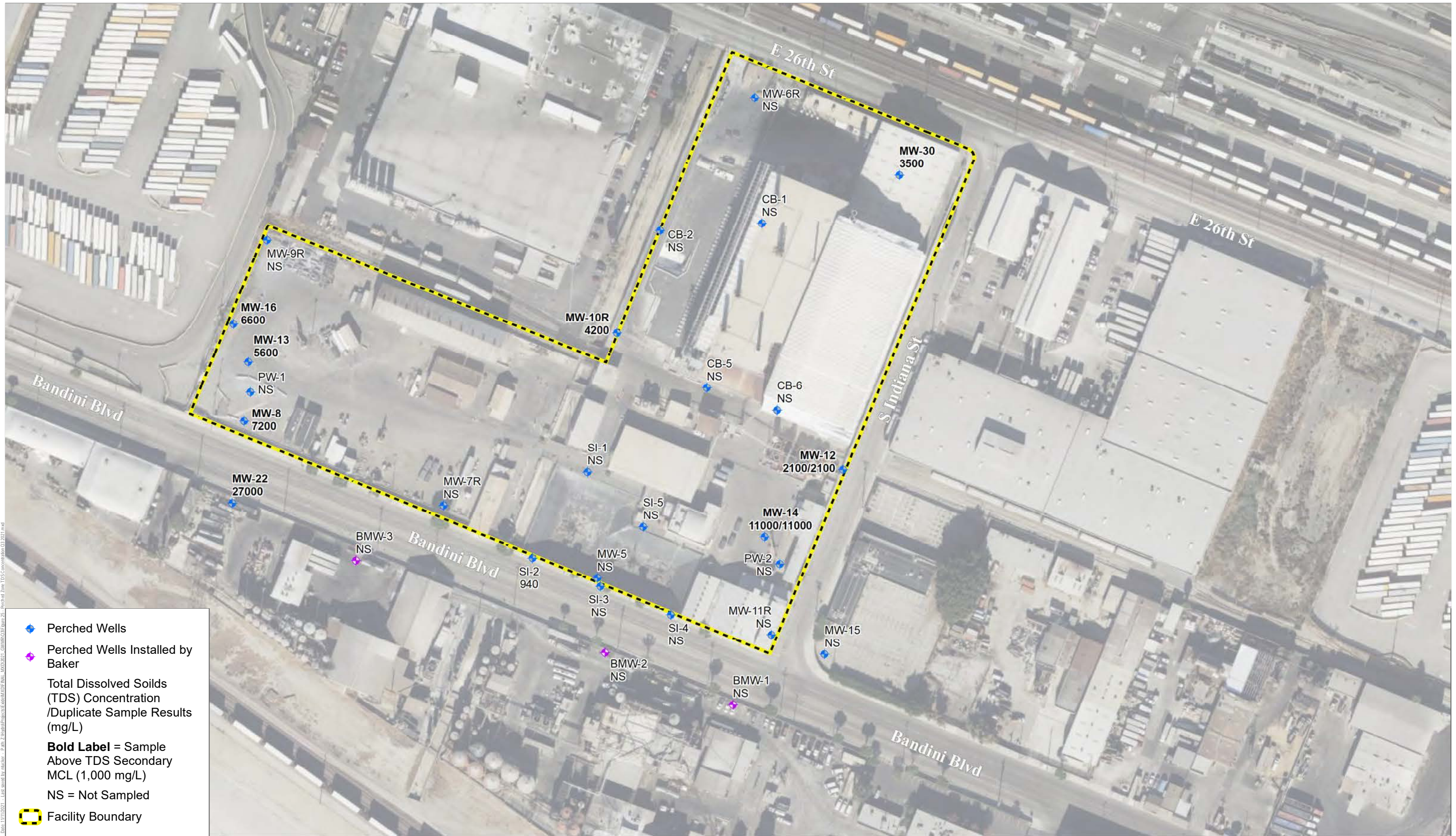


SOURCE: Bing Maps



FIGURE 24

Exposition Aquifer Dissolved Zinc Concentrations



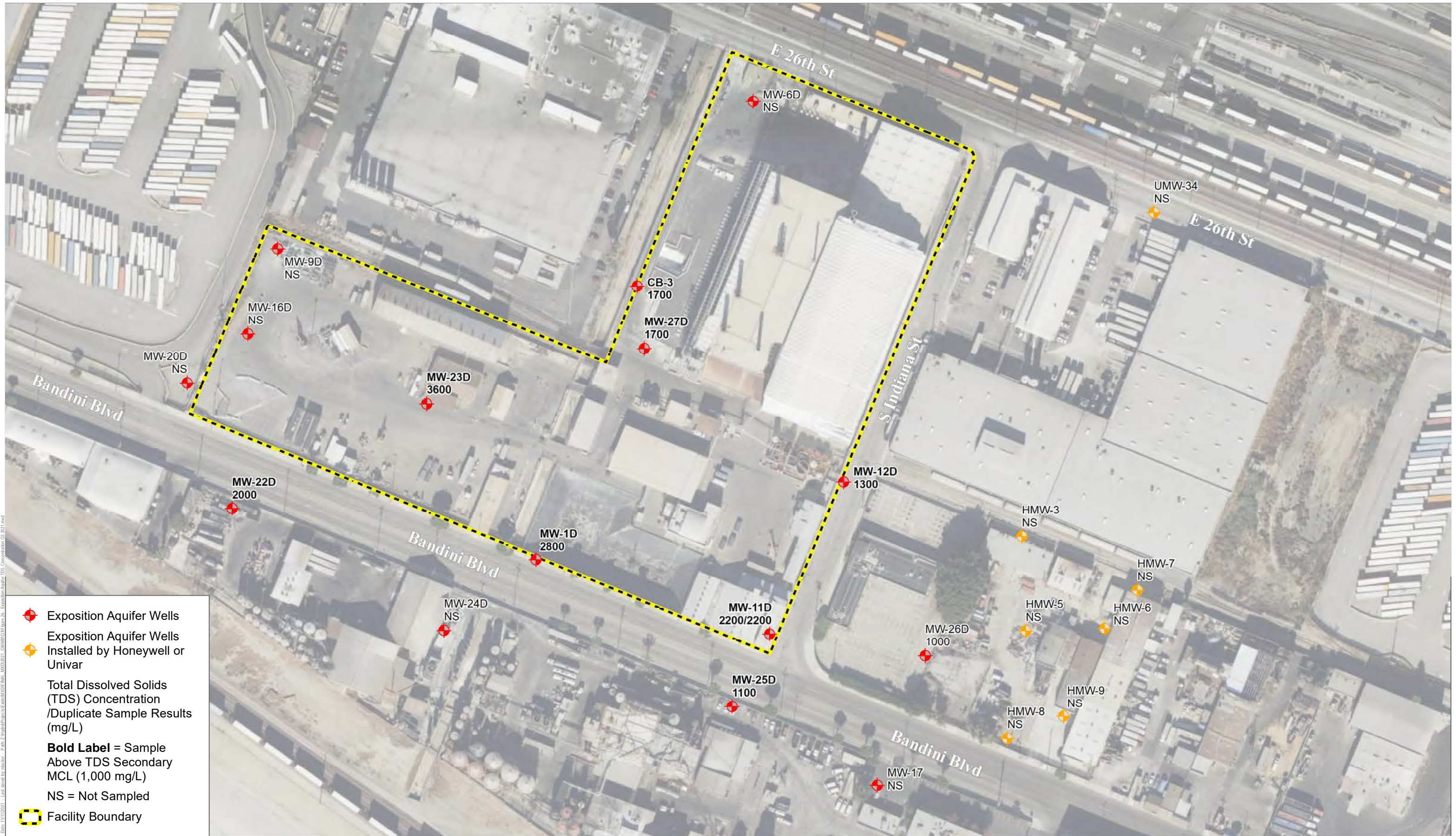
SOURCE: Bing Maps



FIGURE 25

Perched Zone Total Dissolved Solids Concentrations

2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California



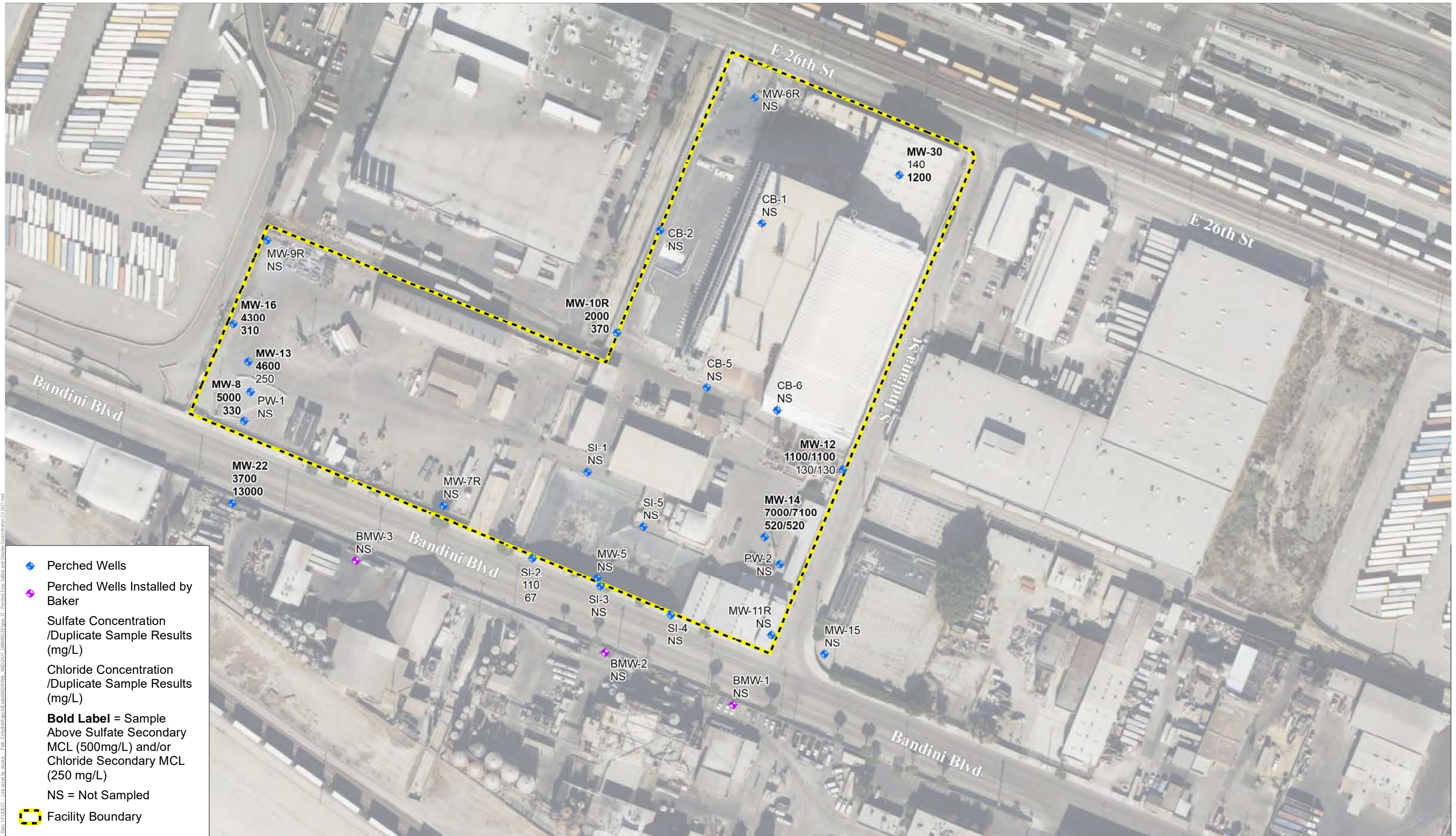
SOURCE: Bing Maps



FIGURE 26

Exposition Aquifer Total Dissolved Solids Concentrations

2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California

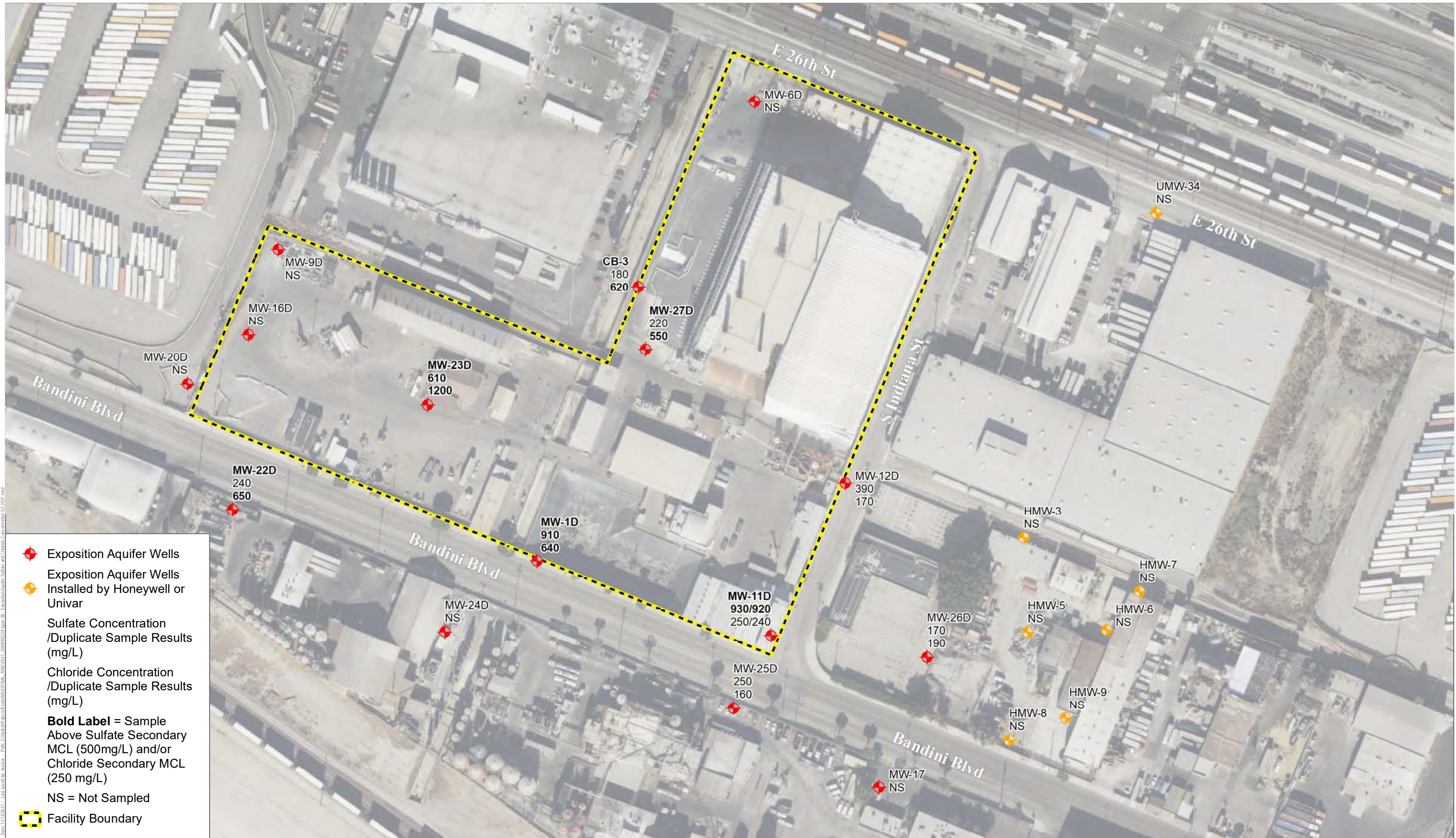


SOURCE: Bing Maps



FIGURE 27

Perched Zone Sulfate and Chloride Concentrations



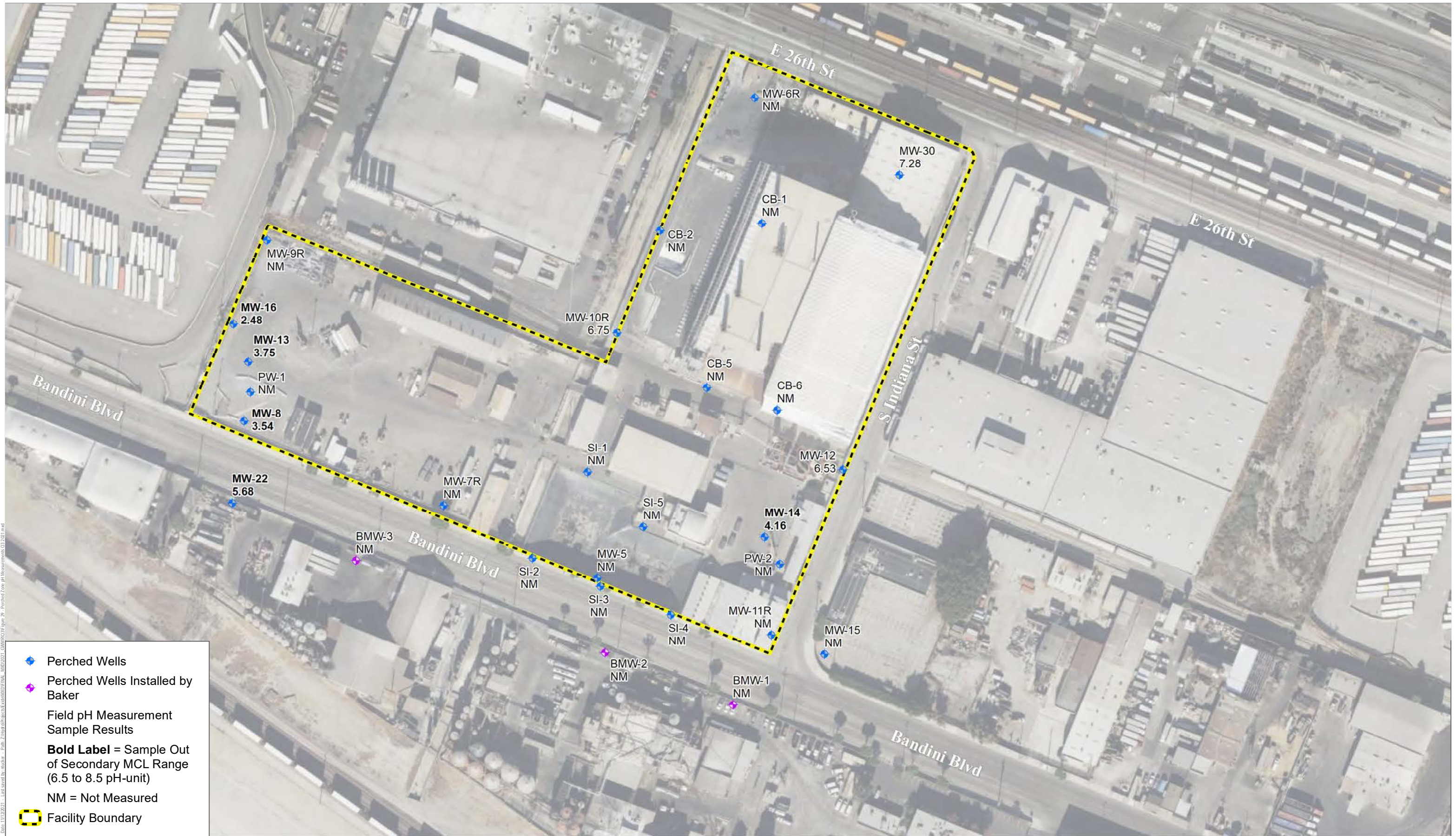
SOURCE: Bing Maps



FIGURE 28

Exposition Aquifer Sulfate and Chloride Concentrations

2021 Groundwater Monitoring Report - Exide Technologies - 2700 South Indiana Street Vernon, California

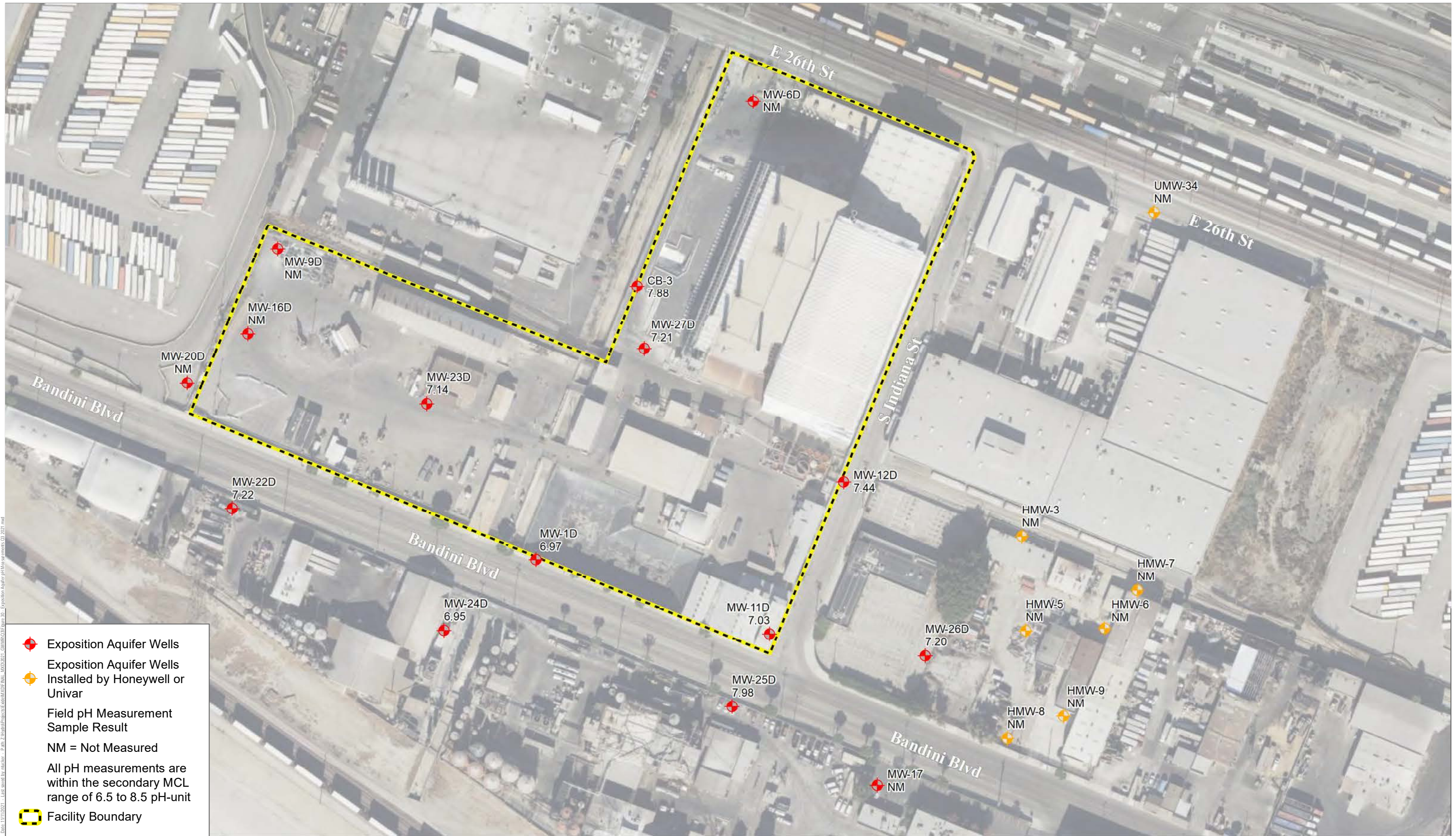


SOURCE: Bing Maps



FIGURE 29

Perched Zone pH Measurements



SOURCE: Bing Maps



FIGURE 30

Exposition Aquifer pH Measurements

Appendix A

Field Forms

Exide Technologies
Q3 2021

Day	Date	Field Blank (Well ID)	Equipment Blank		MS/MSD (Well ID)	Duplicate Sample (Well ID)
			Crew 1	Crew 2		
1	Monday 9/27	CB-3	✓	✓	MW-10R	—
2	Tuesday 9/28	MW-10	✓	✓	MW-26D	SS-1 MW-12 SS-2 MW-11D
3	Wednesday 9/29	MW-14	✓	✓	MW-12D	SS-3 MW-14

Notes:

Crew 1: Ben Stevens

Crew 2: Danny Rice

Well Condition Form

Date: 9/27/21 name: Danny Rose initials: DR

Field Crew:

Project Name: Exide
 Project Number: 13743

name: _____ initials: _____

If "No," note action needed and if remedied during visit.

Well ID	Well Label & Reference Point Identifiable	Well Completion Free of Standing Water	Bolts Present/In Working Condition	Gasket for Well Lid Clean/In Good Condition	Well is Securable	Well Cap In Good Condition	Additional Notes
MW-17	YES	Y	Y	Y	Y	Y	
Bmw-1	YES	Y	Y	Y	Y	Y	
MW-25D	YES	Y	NO	Y	NO	Y	1/2 TABS BROKEN WATER BOTTLED
Bmw-3	NO	Y	NO	Y	NO	Y	1/2 BATHS MISSING, DAMAGED
Bmw-2	YES	Y	NO	Y	NO	Y	1/2 TABS BROKEN
MW-24D	YES	Y	Y	Y	Y	Y	
MW-22	YES	Y	Y	Y	Y	Y	
MW-22D	YES	Y	Y	Y	Y	Y	
S1-4	YES	Y	Y	Y	Y	Y	
S1-3	YES	Y	Y	Y	Y	Y	
S1-2	YES	Y	Y	Y	Y	Y	
MW-1D	YES	Y	Y	Y	Y	Y	
MW-20D	YES	Y	Y	Y	Y	Y	
MW-26D	YES	Y	Y	Y	Y	Y	
MW-15	YES	Y	Y	Y	Y	Y	

Well Condition Form

Field Crew:

Beastones Bn
name initials

name initials

Date: 9.27.21
Project Name: Exide
Project Number: _____

If "No," note action needed and if remedied during visit.

Well ID	Well Label & Reference Point Identifiable	Well Completion Free of Standing Water	Bolts Present/In Working Condition	Gasket for Well Lid Clean/In Good Condition	Well is Securable	Well Cap In Good Condition	Additional Notes
CB.6	X			X		X	2 of 2 tabs broken
CB1	X		X	X	X	X	
MW15	X	X	X	X	X	X	
MW6R	X	X	X	X	X	X	
MW7R	X	X	X	X	X	X	
MW8	X	X	X	X	X	X	
MW9R	X	X	X	X	X	X	
MW11R	X	X	X	X	X	X	
MW12	X	X	X	X	X	X	
MW13	X	X	X	X	X	X	
MW14	X	X	X	X	X	X	
MW16	X	X	X	X	X	X	
MW30	X	X	X	X	X	X	
PW1	X	X	X	X	X	X	
PW2	X	X	X	X	X	X	

DUDEK

FIELD CALIBRATION RECORD

Project Name: _____

Exide _____

Project Number: 13743

Equipment Number: 21A103787

Field Crew: _____

Signature: _____

Parameter Sensor: YST-Pro Plus

Date	Time	pH		Electrical Conductivity (µS/cm)		Other		Temp	Comments
		Standard Solution Values	Post-Cal Readings	Standard Solution Values	Post-Cal Readings	Type/Standard Solution Values	Post-Cal Readings		
9.17.21	1220	7.00	7.00	3900µS	3900µS	240.0m	240.0m	20.9	
		4.00	4.00			100.0µ	100.0µ	20.9	
9.18.21	0655	10.00	10.00						
		7.00	7.00	3900µS	3900µS	240.0m	240.0m	19.7°C	
		4.00	4.00			100.0µ.00	100.0µ.00	19.7°C	
9.29.21	0710	10.00	10.00						
		7.00	7.00	3900µS	3900µS	240.0m	240.0m		
		4.00	4.00			100.0µ.00	100.0µ.00		
		10.00	10.00						
Solution Expiration Date:		5/26/22		3.25.23		2.22			

DUDEK

FIELD CALIBRATION RECORD

Project Name: _____

Exide _____

Project Number: 13743

Equipment Number: 18K102300

Field Crew: D. Pree

Signature: [Signature]

Parameter Sensor: YSI Pro Plus

Date	Time	pH		Electrical Conductivity (µS/cm)		Other		Temp	Comments
		Standard Solution Values	Post-Cal Readings	Standard Solution Values	Post-Cal Readings	Type/Standard Solution Values	Post-Cal Readings		
9/27/21	0715	7.00	7.00	3500	3500	240.0	240.0	20.8	
		10.00	10.00			DO: 100%	100.0%	17.2	
		4.00	4.00						
9/28/21	0700	7.00	7.01	3900	3900	240.0	240.0	21.7	
		10.00	10.00			DO: 100%	99.98	19.4	
		4.00	4.00						
9/29/21	0740	7.00	7.00	3900	3900	240.0	240.0		
		10.00	10.00			DO: 100%	99.9%	17.8	
		4.00	4.00						
Solution Expiration Date:		7/5/22	010	7/22					
		10/3/22	COND	5/22					
		4/5/22							

STATIC WATER LEVEL FIELD FORM

Field Crew: Ben Skerens
Danny Rice

Project Name:
Job Number:

Exide Quarterly GW Monitoring Q3 2021
13743

WELL ID	DATE	TIME	DEPTH TO WATER (FT. TOC)	2nd DEPTH TO WATER (FT. TOC)	PREVIOUS DTW (FT. TOC)	DEPTH TO WELL BOTTOM (FT. TOC)	PREVIOUS DEPTH TO WELL BOTTOM (FT. TOC)	SOUNDER #	FIELD CREW INITIALS
On-Site Bellflower Aquiclude (Perched) Wells									
MW-5	9.27.21	0953	Dry	Dry	Dry	86.43	86.37	40670	BN
MW-6R	9.27.21	0830 ^{PM}	71.26	71.36	71.48	71.60	71.71	1437109	DR
MW-7R	9.27.21	0931	Dry	Dry	Dry	87.62	87.59	40670	BN
MW-8	9.27.21	0910	81.71	81.71	82.79	90.52	90.46	40670	BN
MW-9R	9.27.21	0830	89.64	89.64	Dry	89.67	89.66	40670	BN
MW-10R	9.27.21	1104	83.81	83.81	83.88	86.97	87.02	1437109	RD
MW-11R	9.27.21	0811	85.09	85.09	85.08*	85.16	85.14	40670	BN
MW-12	9.27.21	1077	81.43	81.43	81.12	86.17	86.23	40670	BN
MW-13	9.27.21	0854	79.95	79.95	80.53	89.50	89.49	40670	BN
MW-14	9.27.21	1016	81.34	81.34	80.92	89.18	89.32	40670	BN
MW-16	9.27.21	0846	87.20	87.20	92.77*	92.85	92.83	40670	BN
MW-30	9.27.21	1130	71.73	71.73	74.62	75.94	76.01	40670	BN
PW-1	9.27.21	0901	79.82	79.82	80.44	88.71	88.69	40670	BN
PW-2	8.9.27.21	0756	Dry	Dry	82.55	89.08	88.98	40670	BN
SI-1	9.27.21	0942	Dry	Dry	Dry	81.61	81.69	40670	BN
SI-5	9.27.21	1006	82.40	82.40	81.82	82.55	82.45	40670	BN
CB-1	9.27.21	1118	76.14	76.14	76.15*	76.26	76.22	40670	BN
CB-2	9.27.21	1131	78.32	78.32	78.37	78.55	78.59	1437109	RD
CB-5	9.27.21	1048	75.49	75.49	75.40	75.52	75.51	40670	BN
CB-6	9.27.21	1041	78.32	78.32	78.24	78.46	78.51	40670	BN

STATIC WATER LEVEL FIELD FORM

Field Crew: Ben Stevens
Danny Rife

Project Name: Exide Quarterly GW Monitoring Q3 2021
Job Number: 13743

WELL ID	DATE	TIME	DEPTH TO WATER (FT. TOC)	2nd DEPTH TO WATER (FT. TOC)	PREVIOUS DTW (FT. TOC)	DEPTH TO WELL BOTTOM (FT. TOC)	PREVIOUS DEPTH TO WELL BOTTOM (FT. TOC)	SOUNDER #	FIELD CREW INITIALS
On-Site Exposition Aquifer Wells									
CB-3	9.27.21	1122	151.25	151.25	149.31	155.24	155.77	1437109	RD
MW-6D	9.27.21	1143	Dry	Dry	147.44	148.70	148.68	40670	BR
MW-9D	9.27.21	0825	155.77	155.77	Dry	155.80	155.72	40670	BR
MW-11D	9.27.21	0815	151.08	151.09	149.04	156.45	156.41	40670	BR
MW-12D	9.27.21	1026	148.67	148.67	147.17	157.08	157.24	1437109	RD
MW-16D	9.27.21	0838	Dry	Dry	153.82*	153.86	153.84	40670	BR
MW-23D	9.27.21	0920	155.20	155.20	153.14	156.57	156.63	40670	BR
MW-27D	9.27.21	1056	151.53	151.53	149.57	152.60	152.57	40670	BR

STATIC WATER LEVEL FIELD FORM

Field Crew: D. Rice

Project Name: Exide Quarterly GW Monitoring Q3 2021
 Job Number: 13743

WELL ID	DATE	TIME	DEPTH TO WATER (FT. TOC)	2nd DEPTH TO WATER (FT. TOC)	PREVIOUS DTW (FT. TOC)	DEPTH TO WELL BOTTOM (FT. TOC)	PREVIOUS DEPTH TO WELL BOTTOM (FT. TOC)	SOUNDER #	FIELD CREW INITIALS
Off-Site Bellflower Aquiclude (Perched) Wells									
BMW-1	9/27/21	0835	Dry	Dry	Dry	82.80	82.84	1437109	RD
BMW-2	9/27/21	0854	Dry	Dry	Dry	90.20	90.24	1437109	RD
BMW-3	9/27/21	0908	Dry	Dry	Dry	85.26	85.24	1437109	RD
MW-15	9/27/21	1028	Dry	Dry	Dry	89.68	89.68	1437109	RD
MW-22	9/27/21	0915	78.10	78.10	80.11	87.76	87.79	1437109	RD
SI-2	0951 9/27/21	0951	83.00	83.00	83.34*	83.38	83.41	1437109	RD
SI-3	9/27/21	0946	Dry	Dry	Dry	81.91	81.91	1437109	RD
SI-4	9/27/21	0940	82.47	82.47	81.60	82.69	82.71	1437109	RD
Off-Site Exposition Aquifer Wells									
MW-1D	9/27/21	0955	153.11	153.11	151.45	155.21	155.37	1437109	RD
MW-17	9/27/21	0836	152.60	152.60	Dry	152.77	152.96	1437109	RD
MW-20D	9/27/21	1008	154.65	154.65	154.21	154.83	154.97	1437109	RD
MW-22D	9/27/21	0921	155.74	155.74	153.82	157.41	157.70	1437109	RD
MW-24D	9/27/21	0901	154.72	154.72	152.98	155.04	155.21	1437109	RD
MW-25D	9/27/21	0843	150.92	150.92	149.17	153.14	153.16	1437109	RD
MW-26D	9/27/21	1022	150.05	150.05	148.14	156.56	156.74	1437109	RD

* Well effectively dry

Groundwater Field Sampling Form

Project: Ex:de Date: 9.17.21
Field Crew: Bens Well ID: BMW-1
Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>82.80</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc) <u>Dry</u>
Bladder Pump	3 volume		Pump Placement (ft btoc) <u>-</u>
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: _____
Color/Odor?: _____
Comments / Purge: _____ Purge Water Storage / Disposal: _____
Drummed onsite
Onsite Treatment System

Well Sampling

Sample Method
Bailer
Pump
Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Groundwater Field Sampling Form

Project: Exide Date: 9.7.21
 Field Crew: Boys Well ID: BMW-2
 Well Casing: (2 in) 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>90.70</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc) <u>Dry</u>
Bladder Pump	3 volume		Pump Placement (ft btoc) <u>-</u>
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method
 Bailer
 Pump
 Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: Exide Date: 9-27-71
 Field Crew: Ban S Well ID: BML-3
 Well Casing: 2 in 4 in

WELL PURGING

<u>Bailer</u>	<u>Low-Flow</u>	<u>New</u>	Total Well Depth (ft btoc)	<u>85.2 ft</u>
<u>Grundfos Pump</u>	<u>No-purge</u>	<u>Dedicated</u>	Initial Depth to Water (ft btoc)	<u>DM</u>
<u>Bladder Pump</u>	<u>3 volume</u>		Pump Placement (ft btoc)	<u>-</u>
<u>No purge</u>				

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method
 Bailer
 Pump
 Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: Exide Date: 9.27.21
 Field Crew: Bons Well ID: SI-1
 Well Casing: 2 in 4 in

WELL PURGING

<u>Purge Method</u>	<u>Purge Type</u>	<u>Tubing</u>	Total Well Depth (ft btoc)
Bailer <input checked="" type="checkbox"/>	Low-Flow <input checked="" type="checkbox"/>	New <input checked="" type="checkbox"/>	<u>81.61</u>
Grundfos Pump <input checked="" type="checkbox"/>	No-purge <input checked="" type="checkbox"/>	Dedicated <input checked="" type="checkbox"/>	Initial Depth to Water (ft btoc)
Bladder Pump <input checked="" type="checkbox"/>	3 volume <input checked="" type="checkbox"/>		<u>Dry</u>
No purge <input checked="" type="checkbox"/>			Pump Placement (ft btoc)
			<u>-</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity ($\mu\text{S}/\text{cm} = \mu\text{mho}/\text{cm}$)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

- Well was dry -

- no samples taken -

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method

- Bailer
- Pump
- Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: Exide Date: 9.29.21
 Field Crew: Bens Well ID: SE-2
 Well Casing: 2 in (4 in)

WELL PURGING

<u>Purge Method</u>	<u>Purge Type</u>	<u>Tubing</u>	Total Well Depth (ft btoc) <u>8338</u>
Bailer <input checked="" type="checkbox"/>	Low-Flow <input checked="" type="checkbox"/>	New <input checked="" type="checkbox"/>	Initial Depth to Water (ft btoc) <u>8300</u>
Grundfos Pump <input checked="" type="checkbox"/>	No-purge <input checked="" type="checkbox"/>	Dedicated <input checked="" type="checkbox"/>	Pump Placement (ft btoc) <u>-</u>
Bladder Pump <input checked="" type="checkbox"/>	3 volume <input checked="" type="checkbox"/>		
No purge <input checked="" type="checkbox"/>			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity ($\mu\text{S}/\text{cm} = \mu\text{mho}/\text{cm}$)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: YSE P10P10 Amount actually evacuated: Purge
 Color/Odor?: Brown color, no odor Total
 Comments / Purge: _____ Purge Water Storage / Disposal:
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method
 Bailer _____
 Pump _____
 Other _____

Notes on Weather Conditions: clear

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1315</u>	<u>SE-2</u>	<u>Standard</u>	<u>various</u>	<u>5</u>	<u>various</u>	
<u>1340</u>	<u>EB-091921-1</u>	<u>22</u>	<u>6L</u>	<u>5</u>	<u>2</u>	

Project: Exide Date: 9.17.21
 Field Crew: Bens Well ID: SI-3
 Well Casing: 2 in (4 in)

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
<input checked="" type="checkbox"/> Bailer	Low-Flow	New	<u>81.91</u>
<input checked="" type="checkbox"/> Grundfos Pump	No-purge	Dedicated	<u>Dry</u>
<input checked="" type="checkbox"/> Bladder Pump	3 volume		
<input type="checkbox"/> No purge			<u>-</u>
			Pump Placement (ft btoc)
			<u>-</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

- well was Dry -

- no samples taken -

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method

- Bailer
- Pump
- Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: Exide Date: 9.29.21
 Field Crew: Bens Well ID: SE.4
 Well Casing: 2 in 4in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer <input checked="" type="checkbox"/>	Low-Flow <input checked="" type="checkbox"/>	New <input checked="" type="checkbox"/>	<u>82.69</u>
Grundfos Pump <input checked="" type="checkbox"/>	No-purge <input checked="" type="checkbox"/>	Dedicated <input checked="" type="checkbox"/>	Initial Depth to Water (ft btoc) <u>82.77</u>
Bladder Pump <input checked="" type="checkbox"/>	3 volume <input checked="" type="checkbox"/>		Pump Placement (ft btoc) <u>—</u>
No purge <input checked="" type="checkbox"/>			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>1253</u>									
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: YSI ProPlus Amount actually evacuated: Purge —
 Color/Odor?: — Total —
 Comments / Purge: — Purge Water Storage / Disposal: —
 Drummed onsite
 Onsite Treatment System

Well Sampling

Sample Method: Pump Notes on Weather Conditions: Clear
 Bailer
 Pump
 Other

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1253</u>	<u>SE.4</u>	<u>VOIS</u>	<u>VOA</u>	<u>1</u>	<u>HC</u>	

Project: Exide Date: 9.29.21
 Field Crew: Ben S. Well ID: BW ST-5
 Well Casing: 2 in (4 in)

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer <input checked="" type="checkbox"/>	Low-Flow <input checked="" type="checkbox"/>	New <input checked="" type="checkbox"/>	<u>82.90</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc) <u>82.55</u>
Bladder Pump	3 volume		Pump Placement (ft btoc) <u>-</u>
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>1045</u>								<u>82.92</u>	
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: Purge
 Color/Odor?: _____ Total _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method Bailer Notes on Weather Conditions: _____
 Pump _____
 Other _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: Exide Date: 9-28-21
 Field Crew: Ben S. Well ID: CB-1
 Well Casing: 2 in 4 in

WELL PURGING

<u>Bailer</u> Groundfos Pump Bladder Pump No purge	<u>Low-Flow</u> No-purge 3 volume	<u>New</u> Dedicated	Total Well Depth (ft btoc) <u>76.26</u> Initial Depth to Water (ft btoc) <u>76.14</u> Pump Placement (ft btoc) <u>—</u>
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GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start									<u>76.12</u>	
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: YS556 Amount actually evacuated: Purge
 Color/Odor?: _____ Total _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: Bailer Notes on Weather Conditions: 04.19x
 Pump
 Other

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1130</u>	<u>CB-1</u>	<u>VOL'S</u>	<u>VVA</u>	<u>1</u>	<u>HL</u>	

Project: Duck @ Vernon Date: 9/27/21
 Field Crew: D. Rice Well ID: CB-2
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>78.55</u>
Grundfos Pump	<u>No-purge</u>	Dedicated	<u>78.32</u>
Bladder Pump	3 volume		
No-purge			<u>—</u>
			Pump Placement (ft btoc)

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: YSI Pro J Amount actually evacuated: Purge —
 Color/Odor?: VERY cloudy Total
 Comments / Purge: _____ Purge Water Storage / Disposal:
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: Bailer Notes on Weather Conditions: cloudy
 Pump
 Other

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1440</u>	<u>CB-2</u>	<u>YOCB</u>	<u>UBA</u>	<u>3</u>	<u>He1</u>	

Project: Water @ Veterans Date: 9/27/21
 Field Crew: D. P. Lee Well ID: CB-3
 Well Casing: 2 in 1 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoe)
Bailer	Low-Flow <input checked="" type="radio"/>	<input checked="" type="radio"/> Dedicated	<u>155.24</u>
Grundfos Pump	No-purge		Initial Depth to Water (ft btoe) <u>151.25</u>
Bladder Pump	3 volume		Pump Placement (ft btoe) <u>153'</u>
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or ml)	DIW (ft)	Flow Rate (ml/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>1347</u>								<u>151.28</u>	<u>70</u>
Parameter 1	<u>1350</u>	<u>23.3</u>	<u>7.15</u>	<u>2855</u>	<u>3</u>	<u>4.87</u>	<u>97.2</u>	<u>210</u>	<u>151.41</u>	<u>70</u>
Parameter 2	<u>1353</u>	<u>23.0</u>	<u>7.19</u>	<u>2867</u>	<u>3</u>	<u>4.90</u>	<u>93.5</u>	<u>420</u>	<u>151.41</u>	<u>70</u>
Parameter 3	<u>1356</u>	<u>22.9</u>	<u>7.32</u>	<u>2863</u>	<u>5</u>	<u>5.54</u>	<u>89.7</u>	<u>630</u>	<u>151.41</u>	<u>70</u>
Parameter 4	<u>1359</u>	<u>22.9</u>	<u>7.55</u>	<u>2860</u>	<u>7</u>	<u>6.15</u>	<u>85.8</u>	<u>840</u>	<u>151.41</u>	<u>70</u>
Parameter 5	<u>1402</u>	<u>22.9</u>	<u>7.69</u>	<u>2850</u>	<u>7</u>	<u>6.33</u>	<u>82.3</u>	<u>1050</u>	<u>151.41</u>	<u>70</u>
Parameter 6	<u>1405</u>	<u>22.8</u>	<u>7.78</u>	<u>2842</u>	<u>7</u>	<u>6.32</u>	<u>80.1</u>	<u>1260</u>	<u>151.41</u>	<u>70</u>
Parameter 7	<u>1408</u>	<u>22.8</u>	<u>7.84</u>	<u>2831</u>	<u>7</u>	<u>6.37</u>	<u>78.1</u>	<u>1470</u>	<u>151.41</u>	<u>70</u>
Parameter 8	<u>1411</u>	<u>22.7</u>	<u>7.88</u>	<u>2826</u>	<u>6</u>	<u>6.43</u>	<u>76.3</u>	<u>1680</u>	<u>151.41</u>	<u>70</u>
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: YSI Pro + Amount actually evacuated: Purge 1680 mL
 Color/Odor?: clear Total
 Comments / Purge: _____ Purge Water Storage / Disposal:
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: Bailer _____ Notes on Weather Conditions: cloudy
 Pump
 Other _____
FB-092721-2 collected @ 1310

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1412</u>	<u>CB-3</u>	<u>VOCS, DIS, METALS, SULFIDE, Chloride, TS</u>	<u>VOA/POLY</u>	<u>5</u>	<u>HCl/none</u>	

Project: Exide Date: 9.7.21
 Field Crew: Bens Well ID: CB5
 Well Casing: 2 in (4 in)

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>75.52</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc) <u>75.49</u>
Bladder Pump	3 volume		Pump Placement (ft btoc) <u>-</u>
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal:
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method
 Bailer _____
 Pump _____
 Other _____

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: Duck @ Warren Date: 8/27/21
 Field Crew: D. Rice Well ID: CB-6
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>78-46</u>
Grundfos Pump	<u>No-purge</u>	<u>Dedicated</u>	Initial Depth to Water (ft btoc) <u>78-32</u>
Bladder Pump	3 volume		Pump Placement (ft btoc) <u>—</u>
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1	<u>— Not enough water for parameter —</u>									
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5	<u>— 3 UVA collected —</u>									
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: — Amount actually evacuated: Purge / Total —
 Color/Odor?: —
 Comments / Purge: — Purge Water Storage / Disposal: Drummed onsite
Onsite Treatment System

Well Sampling

Sample Method: Bailer
 Pump
 Other
 Notes on Weather Conditions: cloudy

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>15:20</u>	<u>CB-6</u>	<u>VOCS</u>	<u>UVA</u>	<u>3</u>	<u>HCl</u>	

Project: Duck 2 Vecrow Date: 9/20/21
 Field Crew: D. Rice Well ID: MW-1D
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low <u>Flow</u>	<u>New</u>	<u>155.21</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder <u>Pump</u>	3 volume		<u>153.13</u>
No purge			Pump Placement (ft btoc)
			<u>154'</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>0945</u>								<u>153.09</u>	<u>50</u>
Parameter 1	<u>0948</u>	<u>23-1</u>	<u>6.98</u>	<u>3928</u>	<u>4</u>	<u>3.60</u>	<u>64-5</u>	<u>750</u>	<u>153.39</u>	<u>25</u>
Parameter 2	<u>0951</u>	<u>23-3</u>	<u>6.97</u>	<u>3920</u>	<u>4</u>	<u>3.71</u>	<u>64-3</u>	<u>225</u>	<u>153.41</u>	<u>25</u>
Parameter 3	<u>0954</u>	<u>23-3</u>	<u>6.97</u>	<u>3928</u>	<u>4</u>	<u>3.61</u>	<u>64-1</u>	<u>300</u>	<u>153.42</u>	<u>25</u>
Parameter 4	<u>0957</u>	<u>23-5</u>	<u>6.97</u>	<u>3926</u>	<u>4</u>	<u>3.64</u>	<u>64-0</u>	<u>375</u>	<u>153.42</u>	<u>25</u>
Parameter 5	<u>1000</u>	<u>23-6</u>	<u>6.97</u>	<u>3926</u>	<u>4</u>	<u>3.68</u>	<u>64-0</u>	<u>450</u>	<u>153.43</u>	<u>25</u>
Parameter 6	<u>1003</u>	<u>23-5</u>	<u>6.97</u>	<u>3931</u>	<u>3</u>	<u>3.57</u>	<u>63-9</u>	<u>525</u>	<u>153.45</u>	<u>25</u>
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: VSE PRO PLUS Amount actually evacuated: Purge 525 mL
 Color/Odor?: clear Total _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: _____ Notes on Weather Conditions: cloudy
 Bailer _____
 Pump _____
 Other _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1004</u>	<u>MW-1D</u>	<u>VOC'S, Diss metals, Sulfate, Chloride, TDS</u>	<u>VOA, PLY</u>	<u>5</u>	<u>HCl/none</u>	<u>Evergreen</u>
<u>1140</u>	<u>EB-092821-2</u>	<u>VOC'S, Diss metals, TDS, Nitrate, Sulfate, Phosphate, Ferric Iron</u>	<u>VOA/PLY amber</u>	<u>8</u>	<u>HCl/none</u>	<u>Evergreen</u>

Groundwater Field Sampling Form

Project: Exide Date: 9.7.21
 Field Crew: Bon S Well ID: MW-5
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>86.43</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc) <u>Dry</u>
Bladder Pump	3 volume		Pump Placement (ft btoc) <u>-</u>
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity ($\mu\text{S}/\text{cm} = \mu\text{mho}/\text{cm}$)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: _____
 Bailer _____
 Pump _____
 Other _____
 Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: DUCK @ Vernon Date: 9/27/21
 Field Crew: D. Rice Well ID: MW-6R
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>71-60</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc) <u>71-36</u>
Bladder Pump	3 volume		Pump Placement (ft btoc) <u> </u>
No-purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: Purge _____ Total _____
 Color/Odor?: _____ Purge Water Storage / Disposal: Drummed onsite
 Comments / Purge: _____ Onsite Treatment System

Well Sampling

Sample Method: Bailer Notes on Weather Conditions: cloudy
 Pump
 Other
EB-092721-2 @ 1535

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1500</u>	<u>MW-6R</u>	<u>VOCL5</u>	<u>VOA</u>	<u>1</u>	<u>HCl</u>	

Groundwater Field Sampling Form

Project: Exide Date: 9.27.11
 Field Crew: Ben S Well ID: MW-6D
 Well Casing: 2 in 4 in

WELL PURGING

<u>Purge Method</u>	<u>Purge Type</u>	<u>Tubing</u>	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>198.70</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>DN</u>
No purge			Pump Placement (ft btoc)
			<u>-</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal:
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

<u>Sample Method</u>	Notes on Weather Conditions:
Bailer	_____
Pump	_____
Other	_____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Groundwater Field Sampling Form

Project: Exide **Date:** 9.27.72
Field Crew: Ben S **Well ID:** MU-7R
Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>8762</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc) <u>0.1</u>
Bladder Pump	3 volume		Pump Placement (ft btoc) <u>-</u>
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

Time	Temp. (°C)	pH	Conductivity (µS/cm = umho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20		
Start									
Parameter 1			<u>- well is dry -</u>						
Parameter 2									
Parameter 3									
Parameter 4									
Parameter 5									
Parameter 6									
Parameter 7									
Parameter 8									
Parameter 9									
Parameter 10									
Parameter 11									
Parameter 12									
Parameter 13									
End of Purge									
Pump Off			<u>no samples taken</u>						

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____ Purge Water Storage / Disposal: _____
 Comments / Purge: _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method
 Bailer _____
 Pump _____
 Other _____

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: Exide Date: 9.28.21
 Field Crew: Bond Well ID: MW-8
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>90.52</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>81.71</u>
No purge			Pump Placement (ft btoc)
			<u>87'</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>1337</u>								<u>81.68</u>	
Parameter 1	<u>1347</u>	<u>24.8</u>	<u>3.56</u>	<u>7778</u>	<u>163</u>	<u>2.37</u>	<u>252.7</u>	<u>300</u>	<u>82.16</u>	<u>30</u>
Parameter 2	<u>1357</u>	<u>25.5</u>	<u>3.61</u>	<u>7916</u>	<u>>1000</u>	<u>1.91</u>	<u>250.1</u>	<u>600</u>	<u>82.44</u>	
Parameter 3	<u>1407</u>	<u>25.9</u>	<u>3.52</u>	<u>7898</u>	<u>71000</u>	<u>1.48</u>	<u>245.5</u>	<u>900</u>	<u>82.76</u>	
Parameter 4	<u>1417</u>	<u>25.9</u>	<u>3.54</u>	<u>7892</u>	<u>71000</u>	<u>1.44</u>	<u>244.7</u>	<u>1,200</u>	<u>83.05</u>	
Parameter 5			<u>- Max</u>	<u>drawdown reached</u>						
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13	<u>1427</u>	<u>25.7</u>	<u>3.49</u>	<u>7873</u>	<u>>1000</u>	<u>1.34</u>	<u>249.1</u>	<u>-</u>	<u>83.05</u>	
End of Purge										
Pump Off										

Parameter Sensor: YSI 1001-01 Amount actually evacuated: Purge 1,200
 Color/Odor?: light brown no odor Total
 Comments / Purge: _____ Purge Water Storage / Disposal:
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: Bailer Notes on Weather Conditions: Overcast
 Pump
 Other

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1427</u>	<u>MW8</u>	<u>Standard</u>	<u>various</u>	<u>5</u>	<u>various</u>	
<u>1440</u>	<u>EB092821-1</u>	<u>↓ ↓</u>	<u>↓</u>	<u>5</u>	<u>↓</u>	

Groundwater Field Sampling Form

Project: Exide Date: 9.27.21
 Field Crew: Ben S Well ID: MW-92
 Well Casing: 2 in (4 in)

WELL PURGING

<u>Purge Method</u>	<u>Purge Type</u>	<u>Tubing</u>	Total Well Depth (ft btoc) <u>89.67</u>
Bailer <input checked="" type="checkbox"/>	Low-Flow	New	Initial Depth to Water (ft btoc) <u>89.64</u>
Grundfos Pump <input checked="" type="checkbox"/>	No-purge	Dedicated	Pump Placement (ft btoc) <u>—</u>
Bladder Pump <input checked="" type="checkbox"/>	3 volume		
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity ($\mu\text{S}/\text{cm} = \mu\text{mho}/\text{cm}$)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

- Well was dry -

- no samples taken -

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal:
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method
 Bailer
 Pump
 Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Groundwater Field Sampling Form

Project: Exide Date: 9.27.21
 Field Crew: Ben S Well ID: MW-9D
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing
Bailer <input checked="" type="checkbox"/>	Low-Flow <input checked="" type="checkbox"/>	New <input checked="" type="checkbox"/>
Grundfos Pump <input checked="" type="checkbox"/>	No-purge <input checked="" type="checkbox"/>	Dedicated <input checked="" type="checkbox"/>
Bladder Pump <input checked="" type="checkbox"/>	3 volume <input checked="" type="checkbox"/>	
No purge <input type="checkbox"/>		

Total Well Depth (ft btoc) 155.80
 Initial Depth to Water (ft btoc) 155.77
 Pump Placement (ft btoc) -

GROUNDWATER PARAMETER MEASUREMENTS

Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20		
Start									
Parameter 1									
Parameter 2									
Parameter 3									
Parameter 4									
Parameter 5									
Parameter 6									
Parameter 7									
Parameter 8									
Parameter 9									
Parameter 10									
Parameter 11									
Parameter 12									
Parameter 13									
End of Purge									
Pump Off									

- well was dry

- no samples taken

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____ Purge Water Storage / Disposal: _____
 Comments / Purge: _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method

- Bailer
- Pump
- Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: Ben Exide Date: 9.27.21
 Field Crew: Bens. Well ID: MW-10R
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>86.97</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>83.81</u>
No purge			Pump Placement (ft btoc)
			<u>85.5'</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or ml)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>1328</u>								<u>83.79</u>	
Parameter 1	<u>1331</u>	<u>22.5</u>	<u>6.69</u>	<u>4901</u>	<u>27</u>	<u>5.44</u>	<u>-18.1</u>	<u>300</u>	<u>83.91</u>	<u>100</u>
Parameter 2	<u>1334</u>	<u>22.6</u>	<u>6.73</u>	<u>4903</u>	<u>14</u>	<u>4.77</u>	<u>-20.6</u>	<u>600</u>	<u>83.92</u>	
Parameter 3	<u>1337</u>	<u>22.6</u>	<u>6.73</u>	<u>4910</u>	<u>10</u>	<u>3.64</u>	<u>-21.8</u>	<u>900</u>	<u>83.92</u>	
Parameter 4	<u>1340</u>	<u>22.8</u>	<u>6.74</u>	<u>4899</u>	<u>7</u>	<u>2.95</u>	<u>-22.7</u>	<u>1.200</u>	<u>83.92</u>	
Parameter 5	<u>1343</u>	<u>22.9</u>	<u>6.74</u>	<u>4907</u>	<u>5</u>	<u>2.97</u>	<u>-22.6</u>	<u>1.500</u>	<u>83.92</u>	
Parameter 6	<u>1346</u>	<u>23.0</u>	<u>6.75</u>	<u>4909</u>	<u>5</u>	<u>2.96</u>	<u>-22.5</u>	<u>1.800</u>	<u>83.92</u>	
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: YSI pipplus Amount actually evacuated: Purge 1.800
 Color/Odor?: clear / odorless Total
 Comments / Purge: Mslmsd collected Purge Water Storage / Disposal: Drummed onsite
 Onsite Treatment System

Well Sampling

Sample Method: _____ Notes on Weather Conditions: Overcast
 Bailer
 Pump
 Other

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>0700</u>	<u>TB-092721-01</u>	<u>VOCs</u>	<u>VVA</u>	<u>2</u>	<u>HCL</u>	
<u>1347</u>	<u>MW-10R</u>	<u>Standard (Mslmsd)</u>	<u>various</u>	<u>10</u>	<u>various</u>	

Groundwater Field Sampling Form

Project: <u>Ex:de</u>	Date: <u>9.27.11</u>
Field Crew: <u>Ben S.</u>	Well ID: <u>MW11R</u>
	Well Casing: 2 in <u>4 in</u>

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc) <u>85.06</u>
Bailer	Low-Flow	New	Initial Depth to Water (ft btoc) <u>85.09</u>
Grundfos Pump	No-purge	Dedicated	Pump Placement (ft btoc) <u>-</u>
Bladder Pump	3 volume		
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

- Ensh. H₂O to purge w/ sample -

- no samples taken -

Parameter Sensor: _____	Amount actually evacuated: _____
Color/Odor?: _____	Purge Water Storage / Disposal: _____
Comments / Purge: _____	Drummed onsite Onsite Treatment System

Well Sampling

Sample Method

- Bailer
- Pump
- Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Groundwater Field Sampling Form

Project: Duck & Uranium Date: 9/28/21
 Field Crew: D. Rice Well ID: MW-11D
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method: Bladder Pump Purge Type: Low-Flow Tubing: New
 Bailer No-purge Dedicated
 Grundfos Pump 3 volume
 No purge
 Total Well Depth (ft btoc) 156.45
 Initial Depth to Water (ft btoc) 150.92
 Pump Placement (ft btoc) 153.5

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>1335</u>								<u>150.90</u>	<u>150</u>
Parameter 1	<u>1338</u>	<u>23.7</u>	<u>6.87</u>	<u>3001</u>	<u>7</u>	<u>4.52</u>	<u>248.2</u>	<u>450</u>	<u>150.96</u>	<u>150</u>
Parameter 2	<u>1341</u>	<u>23.4</u>	<u>6.96</u>	<u>2999</u>	<u>2</u>	<u>4.43</u>	<u>227.9</u>	<u>900</u>	<u>150.96</u>	<u>150</u>
Parameter 3	<u>1344</u>	<u>23.3</u>	<u>6.98</u>	<u>2996</u>	<u>1</u>	<u>4.22</u>	<u>213.4</u>	<u>1350</u>	<u>150.96</u>	<u>150</u>
Parameter 4	<u>1347</u>	<u>23.3</u>	<u>7.00</u>	<u>2993</u>	<u>1</u>	<u>4.19</u>	<u>201.9</u>	<u>1820</u>	<u>150.96</u>	<u>150</u>
Parameter 5	<u>1350</u>	<u>23.2</u>	<u>7.01</u>	<u>2988</u>	<u>2</u>	<u>4.17</u>	<u>193.2</u>	<u>2250</u>	<u>150.96</u>	<u>150</u>
Parameter 6	<u>1353</u>	<u>23.2</u>	<u>7.02</u>	<u>2981</u>	<u>1</u>	<u>4.09</u>	<u>185.4</u>	<u>2700</u>	<u>150.96</u>	<u>150</u>
Parameter 7	<u>1356</u>	<u>23.2</u>	<u>7.02</u>	<u>2978</u>	<u>1</u>	<u>4.12</u>	<u>180.6</u>	<u>3150</u>	<u>150.96</u>	<u>150</u>
Parameter 8	<u>1359</u>	<u>23.2</u>	<u>7.02</u>	<u>2974</u>	<u>1</u>	<u>4.18</u>	<u>175.4</u>	<u>3600</u>	<u>150.96</u>	<u>150</u>
Parameter 9	<u>1402</u>	<u>23.2</u>	<u>7.03</u>	<u>2972</u>	<u>1</u>	<u>4.21</u>	<u>172.4</u>	<u>4050</u>	<u>150.96</u>	<u>150</u>
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Amount actually evacuated: 4050 mL

Parameter Sensor: ISA PRO PLUS
 Color/Odor?: CLEAR
 Comments / Purge:

Purge Water Storage / Disposal:
 Drummed onsite
 Onsite Treatment System

Well Sampling

Sample Method

Bailer
 Pump
 Other

Notes on Weather Conditions: cloudy

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1403</u>	<u>MW-11D</u>	<u>VOCs sulfate chloride, TDS</u>	<u>VCA Poly Amber</u>	<u>8</u>	<u>HCl/none</u>	<u>Envirodyne</u>
		<u>Diss. metals nitrate, Ferras</u>				
<u>1335</u>	<u>SS-2</u>	<u>VOCs sulfate chloride, TDS</u>	<u>VCA Poly Amber</u>	<u>8</u>	<u>HCl/none</u>	<u>↓</u>
		<u>Diss. metals, nitrate, Ferras</u>				

Project: Exide Date: 9.28.71
 Field Crew: Ben S. Well ID: MW12
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>86.17</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>81.43</u>
No purge			Pump Placement (ft btoc)
			<u>83.8A 83.5'</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>0759</u>								<u>81.20</u>	
Parameter 1	<u>0801</u>	<u>20.2</u>	<u>7.42</u>	<u>2459</u>	<u>86</u>	<u>5.68</u>	<u>130.4</u>	<u>300</u>	<u>81.45</u>	<u>75</u>
Parameter 2	<u>0807</u>	<u>20.6</u>	<u>6.63</u>	<u>2800</u>	<u>59</u>	<u>4.20</u>	<u>150.1</u>	<u>600</u>	<u>81.48</u>	
Parameter 3	<u>0811</u>	<u>20.8</u>	<u>6.58</u>	<u>2822</u>	<u>43</u>	<u>4.37</u>	<u>155.1</u>	<u>900</u>	<u>81.48</u>	
Parameter 4	<u>0815</u>	<u>20.6</u>	<u>6.56</u>	<u>2830</u>	<u>26</u>	<u>2.98</u>	<u>155.2</u>	<u>1200</u>	<u>81.48</u>	
Parameter 5	<u>0819</u>	<u>20.5</u>	<u>6.55</u>	<u>2828</u>	<u>19</u>	<u>2.87</u>	<u>154.7</u>	<u>1500</u>	<u>81.48</u>	
Parameter 6	<u>0823</u>	<u>20.4</u>	<u>6.54</u>	<u>2817</u>	<u>12</u>	<u>2.76</u>	<u>153.9</u>	<u>1800</u>	<u>81.48</u>	
Parameter 7	<u>0827</u>	<u>20.4</u>	<u>6.53</u>	<u>2825</u>	<u>9</u>	<u>2.67</u>	<u>153.2</u>	<u>2100</u>	<u>81.48</u>	
Parameter 8	<u>0831</u>	<u>20.3</u>	<u>6.53</u>	<u>2814</u>	<u>8</u>	<u>2.65</u>	<u>152.5</u>	<u>2400</u>	<u>81.48</u>	
Parameter 9	<u>0835</u>	<u>20.4</u>	<u>6.53</u>	<u>2811</u>	<u>8</u>	<u>2.65</u>	<u>152.0</u>	<u>2700</u>	<u>81.48</u>	
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off	<u>0853</u>									

Parameter Sensor: YSI 610 Amount actually evacuated: Purge 2.700
 Color/Odor?: clear low odor Total 4.000
 Comments / Purge: _____ Purge Water Storage / Disposal: Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: _____ Notes on Weather Conditions: Overcast
 Bailer _____
 Pump 0
 Other _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>0836</u>	<u>MW12</u>	<u>Standard</u>	<u>various</u>	<u>5</u>	<u>various</u>	
<u>0846</u>	<u>SS1</u>	<u>↓ ↓</u>	<u>↓</u>	<u>5</u>	<u>↓</u>	

Project: Work D Wmney Date: 8/29/21
 Field Crew: D-Rice Well ID: MW-12D
 Well Casing: 2 in 4 in

WELL PURGING

<u>Purge Method</u>	<u>Purge Type</u>	<u>Tubing</u>	Total Well Depth (ft btoc) <u>157.08</u>
Bailer	Low-Flow	<u>New</u>	Initial Depth to Water (ft btoc) <u>148.76</u>
Grundfos Pump	<u>No-purge</u>	Dedicated	Pump Placement (ft btoc) <u>152'</u>
Bladder Pump	3 volume		
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>1317</u>								<u>148.76</u>	<u>150</u>
Parameter 1	<u>1320</u>	<u>25.3</u>	<u>7.21</u>	<u>2102</u>	<u>2</u>	<u>4.91</u>	<u>89.3</u>	<u>450</u>	<u>148.88</u>	<u>150</u>
Parameter 2	<u>1323</u>	<u>25.2</u>	<u>7.21</u>	<u>2010</u>	<u>2</u>	<u>5.07</u>	<u>91.8</u>	<u>900</u>	<u>148.88</u>	<u>150</u>
Parameter 3	<u>1326</u>	<u>24.9</u>	<u>7.25</u>	<u>1972</u>	<u>4</u>	<u>5.11</u>	<u>93.1</u>	<u>1350</u>	<u>148.88</u>	<u>150</u>
Parameter 4	<u>1329</u>	<u>24.9</u>	<u>7.30</u>	<u>1962</u>	<u>6</u>	<u>5.48</u>	<u>93.7</u>	<u>1800</u>	<u>148.88</u>	<u>150</u>
Parameter 5	<u>1332</u>	<u>24.9</u>	<u>7.34</u>	<u>1949</u>	<u>8</u>	<u>5.52</u>	<u>93.8</u>	<u>2250</u>	<u>148.88</u>	<u>150</u>
Parameter 6	<u>1335</u>	<u>24.7</u>	<u>7.38</u>	<u>1944</u>	<u>8</u>	<u>5.49</u>	<u>93.5</u>	<u>2700</u>	<u>148.88</u>	<u>150</u>
Parameter 7	<u>1338</u>	<u>24.6</u>	<u>7.44</u>	<u>1941</u>	<u>9</u>	<u>5.60</u>	<u>93.0</u>	<u>3150</u>	<u>148.88</u>	<u>150</u>
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: VSP Pro Plus Amount actually evacuated: 3150 mL
 Color/Odor?: clear
 Comments / Purge: _____ Purge Water Storage / Disposal: Drummed onsite
Onsite Treatment System

Well Sampling

Sample Method Bailer Pump Other
 Notes on Weather Conditions: Sunny
ms/lmsd collected

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1339</u>	<u>MW-12D</u>	<u>VOC IS DISS-METALS</u> <u>TDS, CHLORIDE, SULFATE, NITRA</u> <u>FERRUS IRON</u>	<u>VFA, POLY, Amber</u>	<u>16</u>	<u>HCl/none</u>	<u>EnviroPhos</u>

Project: Exide Date: 9.28.21
 Field Crew: Benz Well ID: MW13
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>89.50</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>79.95</u>
No purge			Pump Placement (ft btoc)
			<u>85</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>1207</u>								<u>79.82</u>	
Parameter 1	<u>1215</u>	<u>25.0</u>	<u>3.93</u>	<u>6952</u>	<u>14</u>	<u>2.21</u>	<u>133.1</u>	<u>320</u>	<u>80.04</u>	<u>40</u>
Parameter 2	<u>1223</u>	<u>25.9</u>	<u>3.83</u>	<u>6991</u>	<u>10</u>	<u>1.36</u>	<u>246.4</u>	<u>640</u>	<u>80.06</u>	
Parameter 3	<u>1231</u>	<u>25.7</u>	<u>3.77</u>	<u>7026</u>	<u>7</u>	<u>1.21</u>	<u>247.5</u>	<u>960</u>	<u>80.06</u>	
Parameter 4	<u>1239</u>	<u>25.1</u>	<u>3.77</u>	<u>7059</u>	<u>5</u>	<u>1.11</u>	<u>248.3</u>	<u>1280</u>	<u>80.06</u>	
Parameter 5	<u>1247</u>	<u>25.1</u>	<u>3.74</u>	<u>7063</u>	<u>5</u>	<u>1.08</u>	<u>250.7</u>	<u>1600</u>	<u>80.06</u>	
Parameter 6	<u>1255</u>	<u>25.2</u>	<u>3.75</u>	<u>7067</u>	<u>5</u>	<u>1.04</u>	<u>249.9</u>	<u>1920</u>	<u>80.06</u>	
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off	<u>1315</u>									

Parameter Sensor: YSI 6021PWS Amount actually evacuated: Purge 1.920
 Color/Odor?: _____ Total 2.770
 Comments / Purge: _____ Purge Water Storage / Disposal:
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: _____ Notes on Weather Conditions: Overcast
 Bailer _____
 Pump 0
 Other _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1258</u>	<u>MW13</u>	<u>Standard</u>	<u>various</u>	<u>5</u>	<u>various</u>	

Project: Exide Date: 9.29.21
 Field Crew: Boggs Well ID: MW14
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low flow	New	<u>89.18</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>81.37</u>
No purge			Pump Placement (ft btoc)
			<u>85</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = umho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>0836</u>								<u>81.14</u>	
Parameter 1	<u>0840</u>	<u>22.9</u>	<u>4.14</u>	<u>10622</u>	<u>746</u>	<u>3.69</u>	<u>372.2</u>	<u>300</u>	<u>81.38</u>	<u>75</u>
Parameter 2	<u>0844</u>	<u>22.8</u>	<u>4.14</u>	<u>10892</u>	<u>71000</u>	<u>3.19</u>	<u>391.6</u>	<u>600</u>	<u>81.38</u>	
Parameter 3	<u>0848</u>	<u>22.6</u>	<u>4.14</u>	<u>10948</u>	<u>71000</u>	<u>2.49</u>	<u>399.7</u>	<u>900</u>	<u>81.38</u>	
Parameter 4	<u>0852</u>	<u>22.5</u>	<u>4.13</u>	<u>10954</u>	<u>71000</u>	<u>1.97</u>	<u>402.3</u>	<u>1,200</u>	<u>81.38</u>	
Parameter 5	<u>0856</u>	<u>22.5</u>	<u>4.14</u>	<u>10942</u>	<u>71000</u>	<u>1.79</u>	<u>404.5</u>	<u>1,500</u>	<u>81.38</u>	
Parameter 6	<u>0900</u>	<u>22.6</u>	<u>4.14</u>	<u>10896</u>	<u>867</u>	<u>1.67</u>	<u>407.3</u>	<u>1,800</u>	<u>81.38</u>	
Parameter 7	<u>0904</u>	<u>22.9</u>	<u>4.15</u>	<u>10852</u>	<u>389</u>	<u>1.52</u>	<u>409.1</u>	<u>2,100</u>	<u>81.38</u>	
Parameter 8	<u>0908</u>	<u>22.5</u>	<u>4.14</u>	<u>10810</u>	<u>129</u>	<u>1.43</u>	<u>413.0</u>	<u>2,400</u>	<u>81.38</u>	
Parameter 9	<u>0912</u>	<u>22.5</u>	<u>4.16</u>	<u>10779</u>	<u>81</u>	<u>1.33</u>	<u>415.1</u>	<u>2,700</u>	<u>81.38</u>	
Parameter 10	<u>0916</u>	<u>22.6</u>	<u>4.15</u>	<u>10741</u>	<u>59</u>	<u>1.30</u>	<u>415.6</u>	<u>3,000</u>	<u>81.38</u>	
Parameter 11	<u>0920</u>	<u>22.5</u>	<u>4.16</u>	<u>10719</u>	<u>47</u>	<u>1.33</u>	<u>418.9</u>	<u>3,300</u>	<u>81.38</u>	
Parameter 12	<u>0924</u>	<u>22.5</u>	<u>4.17</u>	<u>10688</u>	<u>34</u>	<u>1.37</u>	<u>419.8</u>	<u>3,600</u>	<u>81.38</u>	
Parameter 13	<u>0928</u>	<u>22.6</u>	<u>4.17</u>	<u>10661</u>	<u>26</u>	<u>1.39</u>	<u>421.1</u>	<u>3,900</u>	<u>81.38</u>	
End of Purge										
Pump Off	<u>1015</u>									

Parameter Sensor: YSI DP11PWS Amount actually evacuated: Purge 5,400 mL
 Color/Odor?: Light brown no odor Total 7,000 mL
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: _____ Notes on Weather Conditions: Clear
 Bailer _____
 Pump _____
 Other _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>0949</u>	<u>MW14</u>	<u>Standard</u>	<u>Various</u>	<u>5</u>	<u>Various</u>	
<u>0700</u>	<u>TB.092921.1</u>	<u>VOC's</u>	<u>VVA</u>	<u>2</u>	<u>HCL</u>	
<u>0959</u>	<u>SS.3</u>	<u>Standard</u>	<u>Various</u>	<u>5</u>	<u>Various</u>	
<u>1075</u>	<u>TB.092921.1</u>	<u>Cl + Ferrrous Iron, Disinfectants</u>	<u>2</u>	<u>6</u>	<u>6</u>	

Project: Exide Date: 9.29.21
 Field Crew: Ben S. Well ID: MW14
 Well Casing: 2 in 4 in

WELL PURGING

<u>Bailer</u> Grundfos Pump Bladder Pump No purge	<u>Low-Flow</u> No-purge 3 volume	<u>New</u> Dedicated	Total Well Depth (ft btoc) <u>89.18</u>
			Initial Depth to Water (ft btoc) <u>81.34</u>
			Pump Placement (ft btoc) <u>85'</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	-									
Parameter 1	0932	22.6	4.16	10638	14	1.41	421.7	4,200	81.38	75
Parameter 2	0936	22.8	4.15	10620	11	1.48	422.3	4,500	81.38	
Parameter 3	0940	22.8	4.15	10633	9	1.46	423.4	4,800	81.38	
Parameter 4	0944	22.6	4.15	10645	7	1.47	424.1	5,100	81.38	
Parameter 5	0948	22.6	4.16	10646	7	1.44	424.3	5,400	81.38	
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off	1015									

Parameter Sensor: YSI 6001 Amount actually evacuated: Purge 51900 mL
 Color/Odor?: Clear/No odor Total 7,000 mL
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: _____ Notes on Weather Conditions: _____
 Bailer _____
 Pump _____
 Other _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
0949	MW14	Standard	various	5	various	
0959	SS.3	↓ ↓	↓ ↓	5	↓	
1025	FB-092921.1			5	↓	

Project: Ex:de Date: 9.27.21
 Field Crew: Ben S Well ID: MW75
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer <input checked="" type="checkbox"/>	Low-Flow <input checked="" type="checkbox"/>	New <input checked="" type="checkbox"/>	<u>89.68</u>
Grundfos Pump <input checked="" type="checkbox"/>	No-purge <input checked="" type="checkbox"/>	Dedicated <input checked="" type="checkbox"/>	Initial Depth to Water (ft btoc)
Bladder Pump <input checked="" type="checkbox"/>	3 volume <input checked="" type="checkbox"/>		<u>Dry</u>
No purge <input checked="" type="checkbox"/>			Pump Placement (ft btoc)
			<u>-</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity ($\mu\text{S}/\text{cm} = \mu\text{mho}/\text{cm}$)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method

- Bailer
- Pump
- Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: Duon & Uermen Date: 9/28/21
 Field Crew: D. Ryea Well ID: mw-16
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>92-85</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>87-03</u>
No purge			Pump Placement (ft btoc)
			<u>86-98 20'</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>1150</u>								<u>86-98</u>	<u>30</u>
Parameter 1	<u>1153</u>	<u>24.9</u>	<u>2.52</u>	<u>7295</u>	<u>5</u>	<u>1.91</u>	<u>520.0</u>	<u>90</u>	<u>87-26</u>	<u>25</u>
Parameter 2	<u>1156</u>	<u>24.7</u>	<u>2.51</u>	<u>7320</u>	<u>5</u>	<u>1.72</u>	<u>522.0</u>	<u>165</u>	<u>87.30</u>	<u>25</u>
Parameter 3	<u>1159</u>	<u>24.4</u>	<u>2.50</u>	<u>7337</u>	<u>5</u>	<u>1.75</u>	<u>522.1</u>	<u>225</u>	<u>87.31</u>	<u>20</u>
Parameter 4	<u>1202</u>	<u>24.2</u>	<u>2.49</u>	<u>7357</u>	<u>5</u>	<u>1.72</u>	<u>522.6</u>	<u>285</u>	<u>87.31</u>	<u>20</u>
Parameter 5	<u>1205</u>	<u>24.2</u>	<u>2.49</u>	<u>7342</u>	<u>5</u>	<u>1.55</u>	<u>523.0</u>	<u>345</u>	<u>87.31</u>	<u>20</u>
Parameter 6	<u>1208</u>	<u>24.2</u>	<u>2.48</u>	<u>7341</u>	<u>5</u>	<u>1.61</u>	<u>524.1</u>	<u>405</u>	<u>87.32</u>	<u>20</u>
Parameter 7	<u>1211</u>	<u>24.0</u>	<u>2.47</u>	<u>7363</u>	<u>5</u>	<u>1.57</u>	<u>526.6</u>	<u>465</u>	<u>87.32</u>	<u>20</u>
Parameter 8	<u>1214</u>	<u>24.0</u>	<u>2.48</u>	<u>7361</u>	<u>5</u>	<u>1.56</u>	<u>524.9</u>	<u>525</u>	<u>87.33</u>	<u>20</u>
Parameter 9	<u>1217</u>	<u>24.2</u>	<u>2.48</u>	<u>7354</u>	<u>5</u>	<u>1.64</u>	<u>525.7</u>	<u>585</u>	<u>87.33</u>	<u>20</u>
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: YSI Pro Plus Amount actually evacuated: Purge 585 mL
 Color/Odor?: Clear Total
 Comments / Purge: _____ Purge Water Storage / Disposal:
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method

- Bailer
- Pump
- Other

Notes on Weather Conditions: Cloudy

FB-092821-2 @ 1230

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1215</u>	<u>MW-16</u>	<u>VOC's, DIS. METALS, SULFATE, CHLORIDE, TDS</u>	<u>100% Poly</u>	<u>5</u>	<u>HE/NONE</u>	<u>Eurochem</u>
<u>1230</u>	<u>FB-092821-2</u>	<u>VOC's, DIS. METALS, SULFATE, CHLORIDE, TDS, NITRATE, PERMANENT</u>	<u>VOC / Poly Amber</u>	<u>8</u>	<u>HE/NONE</u>	<u>↓</u>

Project: Exide Date: 9.27.21
 Field Crew: Ben S Well ID: ML-16D
 Well Casing: 2 in (4 in)

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer <input checked="" type="checkbox"/>	Low-Flow	New <input checked="" type="checkbox"/>	<u>153.86</u>
Grundfos Pump <input checked="" type="checkbox"/>	No-purge	Dedicated <input checked="" type="checkbox"/>	Initial Depth to Water (ft btoc) <u>Dry</u>
Bladder/Pump <input checked="" type="checkbox"/>	3 volume		Pump Placement (ft btoc) <u>-</u>
No purge <input checked="" type="checkbox"/>			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method

- Bailer
- Pump
- Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: Exide Date: 9.29.21
 Field Crew: Ben S. Well ID: MW.17
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
<input checked="" type="checkbox"/> Bailer	<input checked="" type="checkbox"/> Low-flow	<input checked="" type="checkbox"/> New	<u>152.60</u>
<input checked="" type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> No-purge	<input checked="" type="checkbox"/> Dedicated	Initial Depth to Water (ft btoc) <u>152.77</u>
<input checked="" type="checkbox"/> Bladder Pump	<input checked="" type="checkbox"/> 3 volume		Pump Placement (ft btoc) <u> </u>
<input checked="" type="checkbox"/> No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>0753</u>								<u>152.64</u>	
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: _____
 Color/Odor?: _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: Bailer Pump Other
 Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To

Project: DUPLEX @ VERNON Date: 9/28/21
 Field Crew: D. Rice Well ID: MW-200
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>154.83</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>154.63</u>
No-purge			Pump Placement (ft btoc)
			<u>—</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: _____ Amount actually evacuated: Purge _____
 Color/Odor?: _____ Total _____
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: _____
 Bailer
 Pump
 Other

Notes on Weather Conditions: _____

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
	<u>MW-200</u>					

Project: DUREX @ VERNON Date: 9/29/21
 Field Crew: D. Rice Well ID: MW-22
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>87-26</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>78-20</u>
No purge			Pump Placement (ft btoc)
			<u>83'</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>1011</u>	<u>22.0</u>							<u>78-20</u>	<u>100</u>
Parameter 1	<u>1014</u>	<u>23.5</u>	<u>5.69</u>	<u>41168</u>	<u>17</u>	<u>1.08</u>	<u>100-2</u>	<u>300</u>	<u>78-33</u>	<u>100</u>
Parameter 2	<u>1017</u>	<u>23.1</u>	<u>5.68</u>	<u>41136</u>	<u>10</u>	<u>0.97</u>	<u>101-2</u>	<u>600</u>	<u>78-33</u>	<u>100</u>
Parameter 3	<u>1020</u>	<u>23.3</u>	<u>5.67</u>	<u>41037</u>	<u>9</u>	<u>0.81</u>	<u>101-8</u>	<u>900</u>	<u>78-33</u>	<u>100</u>
Parameter 4	<u>1023</u>	<u>23.0</u>	<u>5.67</u>	<u>41241</u>	<u>7</u>	<u>0.68</u>	<u>101-9</u>	<u>1200</u>	<u>78-33</u>	<u>100</u>
Parameter 5	<u>1026</u>	<u>22.8</u>	<u>5.67</u>	<u>41221</u>	<u>6</u>	<u>0.64</u>	<u>101-9</u>	<u>1500</u>	<u>78-33</u>	<u>100</u>
Parameter 6	<u>1029</u>	<u>22.7</u>	<u>5.68</u>	<u>41174</u>	<u>7</u>	<u>0.63</u>	<u>102-0</u>	<u>1800</u>	<u>76-33</u>	<u>100</u>
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: VSD Pro Plus Amount actually evacuated: 1800 mL
 Color/Odor?: clear
 Comments / Purge: _____ Purge Water Storage / Disposal: Drummed onsite
Onsite Treatment System

Well Sampling

Sample Method: Bailer Pump Other
 Notes on Weather Conditions: Sunny

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1030</u>	<u>MW-22</u>	<u>NO₃, sulfate, chloride, Diss. metals, TDS</u>	<u>VDA/Poly</u>	<u>5</u>	<u>Helixone</u>	<u>Everking</u>

Project: Rudell @ Vernon Date: 9/29/21
 Field Crew: D. Rice Well ID: MW-220
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>157.41</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc) <u>155.71</u>
Bladder Pump	3 volume		Pump Placement (ft btoc) <u>—</u>
No-purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1	<u>1105</u>	<u>21.6</u>	<u>7.22</u>	<u>3357</u>	<u>71000</u>	<u>4.95</u>	<u>97.9</u>	<u>—</u>	<u>—</u>	<u>—</u>
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: YSI Pro Plus Amount actually evacuated: —
 Color/Odor?: Turbid
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: Bailer Notes on Weather Conditions: Sunny
 Pump
 Other

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1105</u>	<u>MW-220</u>	<u>CO₂, DISS. METAL, TDS SULFATE, CHLORIDE, NITRATE FERROUS IRON</u>	<u>WBA, Poly Amber</u>	<u>8</u>	<u>HCl/None</u>	<u>Rocking</u>

Groundwater Field Sampling Form

Project: Exide Date: 9.17.21
 Field Crew: Ben S. Well ID: MW-23D
 Well Casing: 2 in 4 in

WELL PURGING

<u>Bailer</u>	<u>Low-Flow</u>	<u>New</u>	Total Well Depth (ft btoc) <u>152.60</u>
<u>Grundfos Pump</u>	<u>No-purge</u>	<u>Dedicated</u>	Initial Depth to Water (ft btoc) <u>151.53</u>
<u>Bladder Pump</u>	<u>2 volume</u>		Pump Placement (ft btoc) <u>-</u>
<u>No purge</u>			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = umho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13	<u>1520</u>	<u>20.9</u>	<u>7.14</u>	<u>4914</u>	<u>71000</u>	<u>4.53</u>	<u>179.9</u>	<u>-</u>	<u>-</u>	
End of Purge										
Pump Off										

Parameter Sensor: YSI 610P14 Amount actually evacuated: Purge -
 Color/Odor?: light brown / no odor Total -
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method

Bailer
 Pump
 Other

Notes on Weather Conditions: overcast

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1520</u>	<u>MW-23D</u>	<u>Standard</u>	<u>Various</u>	<u>5</u>	<u>Various</u>	

Project: Duoden & Veaney Date: 9/29/21
 Field Crew: D. Rice Well ID: MW-240
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>155-09</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>154-70</u>
No-purge			Pump Placement (ft btoc)
			<u>—</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1	<u>0930</u>	<u>22.7</u>	<u>6.95</u>	<u>4106</u>	<u>71000</u>	<u>506</u>	<u>92.0</u>	<u>—</u>	<u>154.70</u>	<u>—</u>
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: ISR PRO PLUS Amount actually evacuated: —
 Color/Odor?: TURBID
 Comments / Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: Bailer Pump Other
 Notes on Weather Conditions: Sunny

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>0930</u>	<u>MW-240</u>	<u>VOI'S</u>	<u>UBA</u>	<u>3</u>	<u>HCl</u>	<u>Greiner</u>

Project: Dunbar & Vernon Date: 9/29/21
 Field Crew: D. Rice Well ID: MW-25D
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>153-14</u>
Grundfos Pump	No-purge	Dedicated	Initial Depth to Water (ft btoc)
Bladder Pump	3 volume		<u>150-73</u>
No purge			Pump Placement (ft btoc)
			<u>152'</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>0815</u>	<u>23.4</u>							<u>150-83</u>	<u>150</u>
Parameter 1	<u>0816</u>	<u>23.4</u>	<u>7.30</u>	<u>1690</u>	<u>53</u>	<u>5.85</u>	<u>112.0</u>	<u>450</u>	<u>150-83</u>	<u>150</u>
Parameter 2	<u>0821</u>	<u>23.3</u>	<u>7.53</u>	<u>1694</u>	<u>77</u>	<u>6.47</u>	<u>109.9</u>	<u>900</u>	<u>150-83</u>	<u>150</u>
Parameter 3	<u>0824</u>	<u>23.2</u>	<u>7.70</u>	<u>1691</u>	<u>75</u>	<u>7.19</u>	<u>107.4</u>	<u>1350</u>	<u>150-83</u>	<u>150</u>
Parameter 4	<u>0827</u>	<u>23.2</u>	<u>7.78</u>	<u>1690</u>	<u>62</u>	<u>6.96</u>	<u>104.3</u>	<u>1800</u>	<u>150-83</u>	<u>150</u>
Parameter 5	<u>0830</u>	<u>23.1</u>	<u>7.84</u>	<u>1689</u>	<u>50</u>	<u>7.01</u>	<u>102.2</u>	<u>2250</u>	<u>150-83</u>	<u>150</u>
Parameter 6	<u>0833</u>	<u>23.1</u>	<u>7.87</u>	<u>1687</u>	<u>37</u>	<u>6.80</u>	<u>99.8</u>	<u>2700</u>	<u>150-83</u>	<u>150</u>
Parameter 7	<u>0832</u>	<u>23.1</u>	<u>7.89</u>	<u>1685</u>	<u>34</u>	<u>6.86</u>	<u>98.1</u>	<u>3150</u>	<u>150-83</u>	<u>150</u>
Parameter 8	<u>0839</u>	<u>23.1</u>	<u>7.92</u>	<u>1683</u>	<u>22</u>	<u>6.96</u>	<u>97.9</u>	<u>3600</u>	<u>150-83</u>	<u>150</u>
Parameter 9	<u>0842</u>	<u>23.1</u>	<u>7.93</u>	<u>1680</u>	<u>18</u>	<u>7.07</u>	<u>97.1</u>	<u>4050</u>	<u>150-83</u>	<u>150</u>
Parameter 10	<u>0845</u>	<u>23.1</u>	<u>7.94</u>	<u>1679</u>	<u>15</u>	<u>7.09</u>	<u>96.0</u>	<u>4500</u>	<u>150-83</u>	<u>150</u>
Parameter 11	<u>0848</u>	<u>23.1</u>	<u>7.95</u>	<u>1678</u>	<u>12</u>	<u>7.07</u>	<u>95.2</u>	<u>4950</u>	<u>150-83</u>	<u>150</u>
Parameter 12	<u>0851</u>	<u>23.0</u>	<u>7.96</u>	<u>1676</u>	<u>8</u>	<u>7.09</u>	<u>95.0</u>	<u>5400</u>	<u>150-83</u>	<u>150</u>
Parameter 13	<u>0854</u>	<u>23.0</u>	<u>7.97</u>	<u>1674</u>	<u>8</u>	<u>6.98</u>	<u>93.6</u>	<u>5850</u>	<u>150-83</u>	<u>150</u>
End of Purge	<u>0857</u>	<u>23.0</u>	<u>7.98</u>	<u>1673</u>	<u>8</u>	<u>7.02</u>	<u>93.4</u>	<u>6300</u>	<u>150-83</u>	<u>150</u>
Pump Off										

Parameter Sensor: YSI 60 Plus Amount actually evacuated: 6300 mL
 Color/Odor?: cloudy then clear
 Comments / Purge: _____ Purge Water Storage / Disposal: _____

Drummed onsite
 Onsite Treatment System

Well Sampling

Sample Method

Bailer
 Pump
 Other

Notes on Weather Conditions: Sunny

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>0858</u>	<u>MW-25D</u>	<u>VOCS, DIS, metals, TDS</u>	<u>VOA BY Amber</u>	<u>8</u>	<u>Helixone</u>	<u>Evergreen</u>
		<u>Sulfate, Chloride, Nitrate</u>				
		<u>Ferrous Iron, DIS, Gases</u>				

Project: DUPRE @ Vernon Date: 9/28/21
 Field Crew: D. Rice Well ID: MW-26P
 Well Casing: 2 in (in)

WELL PURGING

<u>Bailer</u>	<u>Low Flow</u>	<u>new</u>	Total Well Depth (ft btoe)	<u>156.56</u>
<u>Grundfos Pump</u>	<u>No-purge</u>	<u>Dedicated</u>	Initial Depth to Water (ft btoe)	<u>150.05</u>
<u>Bladder Pump</u>	<u>3 volume</u>		Pump Placement (ft btoe)	<u>153.5</u>
<u>No-purge</u>				

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp (°C)	pH	Conductivity (µS/cm µmho/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)	Water Removed (gals or fill)	DTW (ft)	Flow Rate (ml/min)
Stabilization Criteria		± 3%	± 0.2	± 3%	± 10% or ± 1	± 10% or ± 0.2	± 20			
Start	<u>0815</u>								<u>150.05</u>	<u>125</u>
Parameter 1	<u>0818</u>	<u>23.3</u>	<u>7.21</u>	<u>1665</u>	<u>2</u>	<u>4.94</u>	<u>63.3</u>	<u>375</u>	<u>150.15</u>	<u>125</u>
Parameter 2	<u>0821</u>	<u>23.3</u>	<u>7.20</u>	<u>1654</u>	<u>2</u>	<u>4.43</u>	<u>62.6</u>	<u>750</u>	<u>150.15</u>	<u>125</u>
Parameter 3	<u>0824</u>	<u>23.2</u>	<u>7.20</u>	<u>1685</u>	<u>2</u>	<u>4.54</u>	<u>62.2</u>	<u>1125</u>	<u>150.15</u>	<u>125</u>
Parameter 4	<u>0827</u>	<u>23.4</u>	<u>7.20</u>	<u>1654</u>	<u>2</u>	<u>4.34</u>	<u>61.2</u>	<u>1500</u>	<u>150.15</u>	<u>125</u>
Parameter 5	<u>0830</u>	<u>23.3</u>	<u>7.20</u>	<u>1682</u>	<u>2</u>	<u>4.34</u>	<u>61.7</u>	<u>1875</u>	<u>150.15</u>	<u>125</u>
Parameter 6	<u>0833</u>	<u>23.4</u>	<u>7.20</u>	<u>1683</u>	<u>2</u>	<u>4.35</u>	<u>61.6</u>	<u>2250</u>	<u>150.15</u>	<u>125</u>
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13										
End of Purge										
Pump Off										

Parameter Sensor: XST PRO PLUS Amount actually evacuated: Purge 2250 ML
 Color/Odor: Clear Total
 Comments - Purge: _____ Purge Water Storage / Disposal: _____
 _____ Drummed onsite
 _____ Onsite Treatment System

Well Sampling

Sample Method: Bailer Notes on Weather Conditions: Partly Cloudy
Pump
 Other

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>0834</u>	<u>MW-26D</u>	<u>VOL'S Diss metals</u>	<u>VIALS, Poly</u>	<u>8</u>	<u>HCl, none</u>	<u>Envirolog</u>
		<u>Sulfate, Chloride, TDS</u>	<u>AMB</u>			
		<u>Diss Gases, Ferric Iron</u>				
		<u>nitrate</u>				

Project: Exide Date: 9.27.21
 Field Crew: Bens Well ID: MW-27D
 Well Casing: 2 in 4 in

WELL PURGING

<u>Bailer</u> Grundfos Pump Bladder Pump No purge	<u>Low-Flow</u> No-purge 3 volume	<u>New</u> Dedicated	Total Well Depth (ft btoc) <u>152.60</u>
			Initial Depth to Water (ft btoc) <u>151.53</u>
			Pump Placement (ft btoc) <u>-</u>

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start										
Parameter 1										
Parameter 2										
Parameter 3										
Parameter 4										
Parameter 5										
Parameter 6										
Parameter 7										
Parameter 8										
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12										
Parameter 13	<u>1430</u>	<u>20.9</u>	<u>7.21</u>	<u>2882</u>	<u>71000</u>	<u>5.86</u>	<u>136.7</u>	<u>-</u>	<u>-</u>	<u>-</u>
End of Purge										
Pump Off										

Parameter Sensor: YSI 6001W Amount actually evacuated: Purge
 Color/Odor?: None Total
 Comments / Purge: Review water level and DO Purge Water Storage / Disposal:
 Drummed onsite
 Onsite Treatment System

Well Sampling

Sample Method

- Bailer
- Pump
- Other

Notes on Weather Conditions: Overcast

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1430</u>	<u>MW-27D</u>	<u>Standard</u>	<u>various</u>	<u>5</u>	<u>various</u>	
<u>1500</u>	<u>ED-092721-1</u>	<u>↓ ↓</u>	<u>↓</u>	<u>5</u>	<u>↓</u>	

Project: Exide Date: 9.28.21
 Field Crew: Ben S Well ID: ML30
 Well Casing: 2 in 4 in

WELL PURGING

Purge Method	Purge Type	Tubing	Total Well Depth (ft btoc)
Bailer	Low-Flow	New	<u>71.73</u>
Grundfos Pump	No-purge	Dedicated	<u>75.94</u>
Bladder Pump	3 volume		<u>74</u>
No purge			

GROUNDWATER PARAMETER MEASUREMENTS

	Time	Temp. (°C)	pH	Conductivity (µS/cm = µmho/cm)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Water Removed (gals or mL)	DTW (ft)	Flow Rate (mL/min)
Stabilization Criteria		+/- 3%	+/- 0.2	+/- 3%	+/-10% or +/-1	+/-10% or +/-0.2	+/-20			
Start	<u>0939</u>								<u>71.60</u>	
Parameter 1	<u>0949</u>	<u>22.2</u>	<u>7.18</u>	<u>5509</u>	<u>21</u>	<u>6.85</u>	<u>126.6</u>	<u>300</u>	<u>71.84</u>	<u>30</u>
Parameter 2	<u>0959</u>	<u>22.1</u>	<u>7.28</u>	<u>5702</u>	<u>10</u>	<u>5.56</u>	<u>129.6</u>	<u>600</u>	<u>71.93</u>	
Parameter 3	<u>1009</u>	<u>22.3</u>	<u>7.28</u>	<u>5714</u>	<u>10</u>	<u>5.30</u>	<u>128.4</u>	<u>900</u>	<u>72.01</u>	
Parameter 4	<u>1019</u>	<u>22.4</u>	<u>7.28</u>	<u>5713</u>	<u>9</u>	<u>5.23</u>	<u>127.7</u>	<u>1,200</u>	<u>72.10</u>	
Parameter 5	<u>1029</u>	<u>22.5</u>	<u>7.27</u>	<u>5715</u>	<u>8</u>	<u>5.15</u>	<u>127.4</u>	<u>1,500</u>	<u>72.18</u>	
Parameter 6	<u>1039</u>	<u>22.5</u>	<u>7.27</u>	<u>5716</u>	<u>7</u>	<u>5.09</u>	<u>127.2</u>	<u>1,800</u>	<u>72.25</u>	
Parameter 7	<u>1049</u>	<u>22.6</u>	<u>7.28</u>	<u>5715</u>	<u>7</u>	<u>5.10</u>	<u>127.2</u>	<u>2,100</u>	<u>72.32</u>	
Parameter 8		<u>-Max draw down reached-</u>								
Parameter 9										
Parameter 10										
Parameter 11										
Parameter 12	<u>1055</u>	<u>-bics sample well-</u>								
Parameter 13	<u>1055</u>								<u>72.32</u>	
End of Purge										
Pump Off										

Parameter Sensor: YSI P10 P102 Amount actually evacuated: Purge 2,100
 Color/Odor?: _____ Total 3,000
 Comments / Purge: Uncollected Purge Water Storage / Disposal: Drummed onsite
Onsite Treatment System

Well Sampling

Sample Method: Bailer Notes on Weather Conditions: Uncollected
 Pump
 Other

Time	Sample ID	Analysis	Container Type	Number of Containers	Preservative	Lab Sent To
<u>1055</u>	<u>ML30</u>	<u>Standard</u>	<u>Variou</u>	<u>5</u>	<u>Variou</u>	

Appendix B

Survey Data

GLOBAL_ID	FIELD_PT_NAME	FIELD_PT_CLASS	XY_SURVEY_DATE	LATITUDE	LONGITUDE	XY_METHOD	XY_DATUM	XY_ACC_VAL	XY_SURVEY_ORG	GPS_EQUIP_TYP	XY_SURVEY_DESC
	CB-6	MW	02/25/2022	34.0059060	-118.1939126	CGPS	NAD83	3	CAL VADA SURVEYING, INC.	L530	CSRC DATA POINT "ELSC"
	MW-25D	MW	02/25/2022	34.0045363	-118.1941577	CGPS	NAD83	3	CAL VADA SURVEYING, INC.	L530	CSRC DATA POINT "ELSC"

GLOBAL_ID	FIELD_PT_NAME	ELEV_SURVEY_DATE	ELEVATION (TOC)	ELEV_METHOD	ELEV_DATUM	ELEV_ACC_VAL	ELEV_SURVEY_ORG	RISER_HT	ELEV_DESC
	CB-6	02/25/2022	174.45	DIG	88	0.3	CAL VADA SURVEYING, INC.	-0.37	CSRC DATA POINT "ELSC"
	MW-25D	02/25/2022	173.74	DIG	88	0.3	CAL VADA SURVEYING, INC.	-0.31	CSRC DATA POINT "ELSC"

SITE PLAN

MONITORING WELL LOCATIONS

EXIDE TECHNOLOGIES

2700 S. INDIANA ST., VERNON, CA 90058

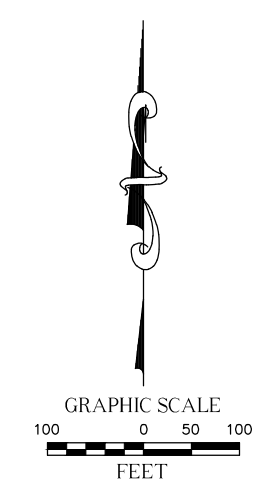
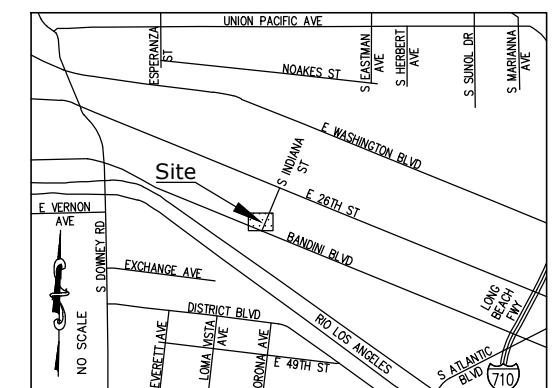
SURVEYED FEBRUARY 25, 2022

WELL	NORTHING (FEET)	EASTING (FEET)	LATITUDE (DD)	LONGITUDE (DD)	MONITORING WELLS			
					TOR (ELEVATION)	FS/NG (ELEVATION)	TOC (ELEVATION)	RISER_HT
CB-6	1824588.15	6502895.68	34.0059060	-118.1939126	174.87	174.82	174.45	-0.37
MW-25D	1824089.83	6502820.42	34.0045363	-118.1941577	174.09	174.05	173.74	-0.31

RISER_HT - RISER HEIGHT
 RISER HEIGHT DEFINITION: THE MEASURED DISTANCE FROM GROUND SURFACE TO TOP OF WELL CASING.
 DD: DECIMAL DEGREES



VICINITY MAP



LEGEND

- FIRE HYDRANT
- MONITORING WELL
- UTILITY POLE
- WATER VALVE
- TOP OF RIM
- TOP OF CASING
- FINISHED SURFACE

NOTE: THE SATELLITE IMAGE SHOWN HEREON IS FOR REFERENCE PURPOSES ONLY

REVISIONS				PREPARED FOR	BASIS OF COORDINATES	BENCHMARK	SURVEYOR OF RECORD
NO.	DATE	REVISIONS	BY	DUDEK	THE COORDINATES SHOWN HEREON ARE BASED UPON THE STATE PLANE COORDINATE SYSTEM (NAD 83), CALIFORNIA ZONE 5, BASED UPON STATIC GPS OBSERVATION, HOLDING THE C.S.R.C. C.O.R.S. DATA POINT "ELSC".	THE ELEVATIONS SHOWN HEREON ARE BASED UPON THE C.S.R.C. C.O.R.S. DATA POINT "ELSC"; ELEVATION = 318.67 FEET (NAVD 88).	DATE OF SURVEY: FEBRUARY 25, 2022
0	03/01/22	SUBMITTAL	ER	3685 MAIN STREET, SUITE 250, RIVERSIDE, CA 92501 PHONE: 951-300-2100 X3715			<p>CALVADA SURVEYING, INC. 411 Jenks Cir., Suite 205, Corona, CA 92880 Phone: 951-280-9960 Fax: 951-280-9746 Toll Free: 800-CALVADA www.calvada.com EST. 1989 JOB NO. 22146</p>

Appendix C

Laboratory Analytical Reports

ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-289367-1

Client Project/Site: Exide Technologies / 1363

For:

Dudek & Associates
605 3rd Street
Encinitas, California 92024

Attn: Nicole Peacock



Authorized for release by:
10/9/2021 6:01:06 AM

Danielle Roberts, Senior Project Manager
(949)260-3249

Danielle.Roberts@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-289367-1	TB-092721-1	Water	09/27/21 07:00	09/27/21 16:48
440-289367-2	MW-10R	Water	09/27/21 13:47	09/27/21 16:48
440-289367-3	MW-27D	Water	09/27/21 14:30	09/27/21 16:48
440-289367-4	EB-092721-1	Water	09/27/21 15:00	09/27/21 16:48
440-289367-5	MW-23D	Water	09/27/21 15:30	09/27/21 16:48
440-289367-6	TB-092721-2	Water	09/27/21 13:00	09/27/21 16:48
440-289367-7	FB-092721-2	Water	09/27/21 13:10	09/27/21 16:48
440-289367-8	CB-3	Water	09/27/21 14:12	09/27/21 16:48
440-289367-9	CB-2	Water	09/27/21 14:40	09/27/21 16:48
440-289367-10	CB-6	Water	09/27/21 15:20	09/27/21 16:48
440-289367-11	MW-6R	Water	09/27/21 15:00	09/27/21 16:48
440-289367-12	EB-092721-2	Water	09/27/21 15:35	09/27/21 16:48

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Case Narrative

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Job ID: 440-289367-1

Laboratory: Eurofins Calscience Irvine

Narrative

Job Narrative 440-289367-1

Comments

No additional comments.

Receipt

The samples were received on 9/27/2021 4:48 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.7° C and 0.9° C.

GC/MS VOA

Method 8260B: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 570-184648: 1,2-Dibromo-3-Chloropropane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 570-184648: Vinyl Acetate. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The following analyte recovered outside control limits for the LCS associated with analytical batch 570-184667: Methyl-tert-butyl Ether. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-184667.

Method 8260B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-184667 recovered outside control limits for the following analyte: 4-Methyl-2-pentanone.

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

HPLC/IC

Method 300.0: The following samples were diluted due to the nature of the sample matrix: MW-10R (440-289367-2), MW-27D (440-289367-3), MW-23D (440-289367-5) and CB-3 (440-289367-8). Elevated reporting limits (RLs) are provided.

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

Metals

Method 6020: The method blank for preparation batch 440-657650 and 440-657738 and analytical batch 440-657786 contained Zinc above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020: The continuing calibration verification (CCV) associated with batch 440-657786 recovered above the upper control limit for Beryllium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-10R (440-289367-2), MW-27D (440-289367-3), EB-092721-1 (440-289367-4), MW-23D (440-289367-5), FB-092721-2 (440-289367-7), CB-3 (440-289367-8) and EB-092721-2 (440-289367-12).

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

General Chemistry

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

VOA Prep

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

Detection Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: TB-092721-1

Lab Sample ID: 440-289367-1

No Detections.

Client Sample ID: MW-10R

Lab Sample ID: 440-289367-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	370		200	50	mg/L	200		300.0	Total/NA
Sulfate	2000		200	50	mg/L	200		300.0	Total/NA
Arsenic	0.00065	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.026		0.0010	0.00050	mg/L	1		6020	Dissolved
Cadmium	0.00044	J	0.0010	0.00025	mg/L	1		6020	Dissolved
Chromium	0.0035		0.0010	0.00050	mg/L	1		6020	Dissolved
Copper	0.0019		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0015		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.0048		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0049		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0086		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.014	J B	0.020	0.0025	mg/L	1		6020	Dissolved
Mercury	0.00012	J	0.00075	0.00010	mg/L	1		7470A	Dissolved
Total Dissolved Solids	4200		50	25	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-27D

Lab Sample ID: 440-289367-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	3.0		0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	0.96	J	1.0	0.28	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.8		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	2.0		1.0	0.29	ug/L	1		8260B	Total/NA
Chloride	550		100	25	mg/L	100		300.0	Total/NA
Sulfate	220		100	25	mg/L	100		300.0	Total/NA
Barium	0.067		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0062		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0048		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0042		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0030		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.0048	J B	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	1700		20	10	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-092721-1

Lab Sample ID: 440-289367-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0062	J B	0.020	0.0025	mg/L	1		6020	Dissolved

Client Sample ID: MW-23D

Lab Sample ID: 440-289367-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.59		0.50	0.27	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.95	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.94	J	1.0	0.29	ug/L	1		8260B	Total/NA
Chloride	1200		200	50	mg/L	200		300.0	Total/NA
Sulfate	610		200	50	mg/L	200		300.0	Total/NA
Antimony	0.0027		0.0010	0.00050	mg/L	1		6020	Dissolved
Arsenic	0.00051	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.045		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0010		0.0010	0.00050	mg/L	1		6020	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Detection Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: MW-23D (Continued)

Lab Sample ID: 440-289367-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.00052	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0047		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.0010		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0018		0.0010	0.00050	mg/L	1		6020	Dissolved
Zinc	0.022	B	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	3600		50	25	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TB-092721-2

Lab Sample ID: 440-289367-6

No Detections.

Client Sample ID: FB-092721-2

Lab Sample ID: 440-289367-7

No Detections.

Client Sample ID: CB-3

Lab Sample ID: 440-289367-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.94		0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	0.41	J	1.0	0.28	ug/L	1		8260B	Total/NA
Trichloroethene	0.39	J	1.0	0.29	ug/L	1		8260B	Total/NA
Chloride	620		100	25	mg/L	100		300.0	Total/NA
Sulfate	180		100	25	mg/L	100		300.0	Total/NA
Arsenic	0.00051	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.098		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0057		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0048		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.00089	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0028		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0030		0.0010	0.0010	mg/L	1		6020	Dissolved
Total Dissolved Solids	1700		20	10	mg/L	1		SM 2540C	Total/NA

Client Sample ID: CB-2

Lab Sample ID: 440-289367-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	19		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	0.56	J	1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: CB-6

Lab Sample ID: 440-289367-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.6		1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6R

Lab Sample ID: 440-289367-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.9		1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: EB-092721-2

Lab Sample ID: 440-289367-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0027	J B	0.020	0.0025	mg/L	1		6020	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: TB-092721-1

Lab Sample ID: 440-289367-1

Date Collected: 09/27/21 07:00

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 13:37	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 13:37	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 13:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 13:37	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 13:37	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 13:37	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 13:37	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 13:37	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 13:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 13:37	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 13:37	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 13:37	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 13:37	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 13:37	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 13:37	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 13:37	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 13:37	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 13:37	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 13:37	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 13:37	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 13:37	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 13:37	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 13:37	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 13:37	1
Acetone	ND		20	4.0	ug/L			10/07/21 13:37	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 13:37	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 13:37	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 13:37	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 13:37	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 13:37	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 13:37	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 13:37	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 13:37	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 13:37	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 13:37	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 13:37	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 13:37	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 13:37	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 13:37	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 13:37	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 13:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 13:37	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 13:37	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 13:37	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 13:37	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 13:37	1
Methyl-t-Butyl Ether (MTBE)	ND	*	1.0	0.21	ug/L			10/07/21 13:37	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 13:37	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 13:37	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: TB-092721-1

Lab Sample ID: 440-289367-1

Date Collected: 09/27/21 07:00

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 13:37	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 13:37	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 13:37	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 13:37	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 13:37	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/07/21 13:37	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 13:37	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 13:37	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 13:37	1
Trichloroethene	ND		1.0	0.29	ug/L			10/07/21 13:37	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 13:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 13:37	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 13:37	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 13:37	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 13:37	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 13:37	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		68 - 135		10/07/21 13:37	1
Toluene-d8 (Surr)	100		80 - 120		10/07/21 13:37	1
Dibromofluoromethane (Surr)	106		80 - 120		10/07/21 13:37	1
4-Bromofluorobenzene (Surr)	92		71 - 120		10/07/21 13:37	1

Client Sample ID: MW-10R

Lab Sample ID: 440-289367-2

Date Collected: 09/27/21 13:47

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 18:03	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 18:03	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 18:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 18:03	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 18:03	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 18:03	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 18:03	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 18:03	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 18:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 18:03	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 18:03	1
1,2-Dibromo-3-Chloropropane	ND	*-	5.0	0.64	ug/L			10/07/21 18:03	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 18:03	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 18:03	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 18:03	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 18:03	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 18:03	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 18:03	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 18:03	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 18:03	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: MW-10R

Lab Sample ID: 440-289367-2

Date Collected: 09/27/21 13:47

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 18:03	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 18:03	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 18:03	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 18:03	1
Acetone	ND		20	4.0	ug/L			10/07/21 18:03	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 18:03	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 18:03	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 18:03	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 18:03	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 18:03	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 18:03	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 18:03	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 18:03	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 18:03	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 18:03	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 18:03	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 18:03	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 18:03	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 18:03	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 18:03	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 18:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 18:03	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 18:03	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 18:03	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 18:03	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 18:03	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/07/21 18:03	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 18:03	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 18:03	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 18:03	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 18:03	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 18:03	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 18:03	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 18:03	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/07/21 18:03	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 18:03	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 18:03	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 18:03	1
Trichloroethene	ND		1.0	0.29	ug/L			10/07/21 18:03	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 18:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 18:03	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/07/21 18:03	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 18:03	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 18:03	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 18:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/07/21 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		68 - 135		10/07/21 18:03	1
Toluene-d8 (Surr)	99		80 - 120		10/07/21 18:03	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: MW-10R

Lab Sample ID: 440-289367-2

Date Collected: 09/27/21 13:47

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	95		80 - 120		10/07/21 18:03	1
4-Bromofluorobenzene (Surr)	98		71 - 120		10/07/21 18:03	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	370		200	50	mg/L			09/28/21 22:23	200
Sulfate	2000		200	50	mg/L			09/28/21 22:23	200

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Arsenic	0.00065	J	0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Barium	0.026		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:09	1
Cadmium	0.00044	J	0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:09	1
Chromium	0.0035		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Cobalt	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Copper	0.0019		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Lead	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Molybdenum	0.0015		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Nickel	0.0048		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Selenium	0.0049		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Silver	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:09	1
Thallium	ND		0.0010	0.00020	mg/L		09/29/21 08:22	09/29/21 13:09	1
Vanadium	0.0086		0.0010	0.0010	mg/L		09/29/21 08:22	09/29/21 13:09	1
Zinc	0.014	J B	0.020	0.0025	mg/L		09/29/21 08:22	09/29/21 13:09	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00012	J	0.00075	0.00010	mg/L		10/06/21 10:43	10/06/21 16:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4200		50	25	mg/L			09/29/21 09:52	1

Client Sample ID: MW-27D

Lab Sample ID: 440-289367-3

Date Collected: 09/27/21 14:30

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 16:17	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 16:17	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 16:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 16:17	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 16:17	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 16:17	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 16:17	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 16:17	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 16:17	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: MW-27D

Lab Sample ID: 440-289367-3

Date Collected: 09/27/21 14:30

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 16:17	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 16:17	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 16:17	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 16:17	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 16:17	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 16:17	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 16:17	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 16:17	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 16:17	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 16:17	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 16:17	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 16:17	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 16:17	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 16:17	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 16:17	1
Acetone	ND		20	4.0	ug/L			10/07/21 16:17	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 16:17	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 16:17	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 16:17	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 16:17	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 16:17	1
Carbon tetrachloride	3.0		0.50	0.27	ug/L			10/07/21 16:17	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 16:17	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 16:17	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 16:17	1
Chloroform	0.96 J		1.0	0.28	ug/L			10/07/21 16:17	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 16:17	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 16:17	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 16:17	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 16:17	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 16:17	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 16:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 16:17	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 16:17	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 16:17	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 16:17	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 16:17	1
Methyl-t-Butyl Ether (MTBE)	ND	*	1.0	0.21	ug/L			10/07/21 16:17	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 16:17	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 16:17	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 16:17	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 16:17	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 16:17	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 16:17	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 16:17	1
Tetrachloroethene	1.8		1.0	0.29	ug/L			10/07/21 16:17	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 16:17	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 16:17	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 16:17	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: MW-27D

Lab Sample ID: 440-289367-3

Date Collected: 09/27/21 14:30

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	2.0		1.0	0.29	ug/L			10/07/21 16:17	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 16:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 16:17	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 16:17	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 16:17	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 16:17	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 16:17	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 135		10/07/21 16:17	1
Toluene-d8 (Surr)	100		80 - 120		10/07/21 16:17	1
Dibromofluoromethane (Surr)	111		80 - 120		10/07/21 16:17	1
4-Bromofluorobenzene (Surr)	90		71 - 120		10/07/21 16:17	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	550		100	25	mg/L			09/28/21 21:35	100
Sulfate	220		100	25	mg/L			09/28/21 21:35	100

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Arsenic	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Barium	0.067		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:30	1
Cadmium	ND		0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:30	1
Chromium	0.0062		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Cobalt	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Copper	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Lead	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Molybdenum	0.0048		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Nickel	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Selenium	0.0042		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Silver	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:30	1
Thallium	ND		0.0010	0.00020	mg/L		09/29/21 08:22	09/29/21 13:30	1
Vanadium	0.0030		0.0010	0.0010	mg/L		09/29/21 08:22	09/29/21 13:30	1
Zinc	0.0048	J B	0.020	0.0025	mg/L		09/29/21 08:22	09/29/21 13:30	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/06/21 10:43	10/06/21 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1700		20	10	mg/L			09/29/21 09:52	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: EB-092721-1

Lab Sample ID: 440-289367-4

Date Collected: 09/27/21 15:00

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 14:31	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 14:31	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 14:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 14:31	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 14:31	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 14:31	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 14:31	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 14:31	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 14:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 14:31	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 14:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 14:31	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 14:31	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 14:31	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 14:31	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 14:31	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 14:31	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 14:31	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 14:31	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 14:31	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 14:31	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 14:31	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 14:31	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 14:31	1
Acetone	ND		20	4.0	ug/L			10/07/21 14:31	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 14:31	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 14:31	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 14:31	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 14:31	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 14:31	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 14:31	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 14:31	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 14:31	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 14:31	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 14:31	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 14:31	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 14:31	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 14:31	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 14:31	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 14:31	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 14:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 14:31	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 14:31	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 14:31	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 14:31	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 14:31	1
Methyl-t-Butyl Ether (MTBE)	ND	*	1.0	0.21	ug/L			10/07/21 14:31	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 14:31	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 14:31	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: EB-092721-1

Lab Sample ID: 440-289367-4

Date Collected: 09/27/21 15:00

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 14:31	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 14:31	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 14:31	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 14:31	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 14:31	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/07/21 14:31	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 14:31	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 14:31	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 14:31	1
Trichloroethene	ND		1.0	0.29	ug/L			10/07/21 14:31	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 14:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 14:31	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 14:31	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 14:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 14:31	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 14:31	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		68 - 135		10/07/21 14:31	1
Toluene-d8 (Surr)	98		80 - 120		10/07/21 14:31	1
Dibromofluoromethane (Surr)	108		80 - 120		10/07/21 14:31	1
4-Bromofluorobenzene (Surr)	91		71 - 120		10/07/21 14:31	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/28/21 20:31	1
Sulfate	ND		1.0	0.25	mg/L			09/28/21 20:31	1

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Arsenic	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Barium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:33	1
Cadmium	ND		0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:33	1
Chromium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Cobalt	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Copper	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Lead	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Molybdenum	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Nickel	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Selenium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Silver	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:33	1
Thallium	ND		0.0010	0.00020	mg/L		09/29/21 08:22	09/29/21 13:33	1
Vanadium	ND		0.0010	0.0010	mg/L		09/29/21 08:22	09/29/21 13:33	1
Zinc	0.0062	J B	0.020	0.0025	mg/L		09/29/21 08:22	09/29/21 13:33	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: EB-092721-1

Lab Sample ID: 440-289367-4

Date Collected: 09/27/21 15:00

Matrix: Water

Date Received: 09/27/21 16:48

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/06/21 10:43	10/06/21 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			09/29/21 09:52	1

Client Sample ID: MW-23D

Lab Sample ID: 440-289367-5

Date Collected: 09/27/21 15:30

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 16:44	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 16:44	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 16:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 16:44	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 16:44	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 16:44	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 16:44	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 16:44	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 16:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 16:44	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 16:44	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 16:44	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 16:44	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 16:44	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 16:44	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 16:44	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 16:44	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 16:44	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 16:44	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 16:44	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 16:44	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 16:44	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 16:44	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 16:44	1
Acetone	ND		20	4.0	ug/L			10/07/21 16:44	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 16:44	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 16:44	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 16:44	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 16:44	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 16:44	1
Carbon tetrachloride	0.59		0.50	0.27	ug/L			10/07/21 16:44	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 16:44	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 16:44	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 16:44	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 16:44	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 16:44	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 16:44	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 16:44	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: MW-23D

Lab Sample ID: 440-289367-5

Date Collected: 09/27/21 15:30

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 16:44	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 16:44	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 16:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 16:44	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 16:44	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 16:44	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 16:44	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 16:44	1
Methyl-t-Butyl Ether (MTBE)	ND	*-	1.0	0.21	ug/L			10/07/21 16:44	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 16:44	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 16:44	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 16:44	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 16:44	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 16:44	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 16:44	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 16:44	1
Tetrachloroethene	0.95	J	1.0	0.29	ug/L			10/07/21 16:44	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 16:44	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 16:44	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 16:44	1
Trichloroethene	0.94	J	1.0	0.29	ug/L			10/07/21 16:44	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 16:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 16:44	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 16:44	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 16:44	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 16:44	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 16:44	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		68 - 135		10/07/21 16:44	1
Toluene-d8 (Surr)	101		80 - 120		10/07/21 16:44	1
Dibromofluoromethane (Surr)	112		80 - 120		10/07/21 16:44	1
4-Bromofluorobenzene (Surr)	93		71 - 120		10/07/21 16:44	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		200	50	mg/L			09/28/21 21:51	200
Sulfate	610		200	50	mg/L			09/28/21 21:51	200

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0027		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1
Arsenic	0.00051	J	0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1
Barium	0.045		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:35	1
Cadmium	ND		0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:35	1
Chromium	0.0010		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1
Cobalt	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1
Copper	0.00052	J	0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: MW-23D

Lab Sample ID: 440-289367-5

Date Collected: 09/27/21 15:30

Matrix: Water

Date Received: 09/27/21 16:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1
Molybdenum	0.0047		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1
Nickel	0.0010		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1
Selenium	0.0018		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1
Silver	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:35	1
Thallium	ND		0.0010	0.00020	mg/L		09/29/21 08:22	09/29/21 13:35	1
Vanadium	ND		0.0010	0.0010	mg/L		09/29/21 08:22	09/29/21 13:35	1
Zinc	0.022	B	0.020	0.0025	mg/L		09/29/21 08:22	09/29/21 13:35	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/06/21 10:43	10/06/21 16:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3600		50	25	mg/L			09/29/21 09:52	1

Client Sample ID: TB-092721-2

Lab Sample ID: 440-289367-6

Date Collected: 09/27/21 13:00

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 14:04	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 14:04	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 14:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 14:04	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 14:04	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 14:04	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 14:04	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 14:04	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 14:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 14:04	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 14:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 14:04	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 14:04	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 14:04	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 14:04	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 14:04	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 14:04	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 14:04	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 14:04	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 14:04	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 14:04	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 14:04	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 14:04	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 14:04	1
Acetone	ND		20	4.0	ug/L			10/07/21 14:04	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 14:04	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 14:04	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: TB-092721-2

Lab Sample ID: 440-289367-6

Date Collected: 09/27/21 13:00

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.39	ug/L			10/07/21 14:04	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 14:04	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 14:04	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 14:04	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 14:04	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 14:04	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 14:04	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 14:04	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 14:04	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 14:04	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 14:04	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 14:04	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 14:04	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 14:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 14:04	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 14:04	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 14:04	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 14:04	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 14:04	1
Methyl-t-Butyl Ether (MTBE)	ND	*	1.0	0.21	ug/L			10/07/21 14:04	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 14:04	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 14:04	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 14:04	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 14:04	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 14:04	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 14:04	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 14:04	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/07/21 14:04	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 14:04	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 14:04	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 14:04	1
Trichloroethene	ND		1.0	0.29	ug/L			10/07/21 14:04	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 14:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 14:04	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 14:04	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 14:04	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 14:04	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 14:04	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 135		10/07/21 14:04	1
Toluene-d8 (Surr)	99		80 - 120		10/07/21 14:04	1
Dibromofluoromethane (Surr)	108		80 - 120		10/07/21 14:04	1
4-Bromofluorobenzene (Surr)	92		71 - 120		10/07/21 14:04	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: FB-092721-2

Lab Sample ID: 440-289367-7

Date Collected: 09/27/21 13:10

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 15:24	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 15:24	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 15:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 15:24	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 15:24	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 15:24	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 15:24	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 15:24	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 15:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 15:24	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 15:24	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 15:24	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 15:24	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 15:24	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 15:24	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 15:24	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 15:24	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 15:24	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 15:24	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 15:24	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 15:24	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 15:24	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 15:24	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 15:24	1
Acetone	ND		20	4.0	ug/L			10/07/21 15:24	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 15:24	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 15:24	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 15:24	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 15:24	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 15:24	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 15:24	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 15:24	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 15:24	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 15:24	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 15:24	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 15:24	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 15:24	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 15:24	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 15:24	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 15:24	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 15:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 15:24	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 15:24	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 15:24	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 15:24	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 15:24	1
Methyl-t-Butyl Ether (MTBE)	ND	*	1.0	0.21	ug/L			10/07/21 15:24	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 15:24	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 15:24	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: FB-092721-2

Lab Sample ID: 440-289367-7

Date Collected: 09/27/21 13:10

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 15:24	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 15:24	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 15:24	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 15:24	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 15:24	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/07/21 15:24	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 15:24	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 15:24	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 15:24	1
Trichloroethene	ND		1.0	0.29	ug/L			10/07/21 15:24	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 15:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 15:24	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 15:24	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 15:24	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 15:24	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 15:24	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 15:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 135		10/07/21 15:24	1
Toluene-d8 (Surr)	99		80 - 120		10/07/21 15:24	1
Dibromofluoromethane (Surr)	109		80 - 120		10/07/21 15:24	1
4-Bromofluorobenzene (Surr)	93		71 - 120		10/07/21 15:24	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/28/21 20:47	1
Sulfate	ND		1.0	0.25	mg/L			09/28/21 20:47	1

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Arsenic	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Barium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:38	1
Cadmium	ND		0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:38	1
Chromium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Cobalt	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Copper	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Lead	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Molybdenum	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Nickel	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Selenium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Silver	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:38	1
Thallium	ND		0.0010	0.00020	mg/L		09/29/21 08:22	09/29/21 13:38	1
Vanadium	ND		0.0010	0.0010	mg/L		09/29/21 08:22	09/29/21 13:38	1
Zinc	ND		0.020	0.0025	mg/L		09/29/21 08:22	09/29/21 13:38	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: FB-092721-2

Lab Sample ID: 440-289367-7

Date Collected: 09/27/21 13:10

Matrix: Water

Date Received: 09/27/21 16:48

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/06/21 10:43	10/06/21 16:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			09/29/21 09:52	1

Client Sample ID: CB-3

Lab Sample ID: 440-289367-8

Date Collected: 09/27/21 14:12

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 17:11	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 17:11	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 17:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 17:11	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 17:11	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 17:11	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 17:11	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 17:11	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 17:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 17:11	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 17:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 17:11	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 17:11	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 17:11	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 17:11	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 17:11	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 17:11	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 17:11	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 17:11	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 17:11	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 17:11	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 17:11	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 17:11	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 17:11	1
Acetone	ND		20	4.0	ug/L			10/07/21 17:11	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 17:11	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 17:11	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 17:11	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 17:11	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 17:11	1
Carbon tetrachloride	0.94		0.50	0.27	ug/L			10/07/21 17:11	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 17:11	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 17:11	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 17:11	1
Chloroform	0.41 J		1.0	0.28	ug/L			10/07/21 17:11	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 17:11	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 17:11	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 17:11	1

Eurofins Calscience Irvine

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: CB-3

Lab Sample ID: 440-289367-8

Date Collected: 09/27/21 14:12

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 17:11	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 17:11	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 17:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 17:11	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 17:11	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 17:11	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 17:11	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 17:11	1
Methyl-t-Butyl Ether (MTBE)	ND	*-	1.0	0.21	ug/L			10/07/21 17:11	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 17:11	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 17:11	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 17:11	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 17:11	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 17:11	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 17:11	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 17:11	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/07/21 17:11	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 17:11	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 17:11	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 17:11	1
Trichloroethene	0.39	J	1.0	0.29	ug/L			10/07/21 17:11	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 17:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 17:11	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 17:11	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 17:11	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 17:11	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 17:11	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		68 - 135		10/07/21 17:11	1
Toluene-d8 (Surr)	103		80 - 120		10/07/21 17:11	1
Dibromofluoromethane (Surr)	108		80 - 120		10/07/21 17:11	1
4-Bromofluorobenzene (Surr)	92		71 - 120		10/07/21 17:11	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	620		100	25	mg/L			09/28/21 22:07	100
Sulfate	180		100	25	mg/L			09/28/21 22:07	100

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1
Arsenic	0.00051	J	0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1
Barium	0.098		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:40	1
Cadmium	ND		0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:40	1
Chromium	0.0057		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1
Cobalt	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1
Copper	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: CB-3

Lab Sample ID: 440-289367-8

Date Collected: 09/27/21 14:12

Matrix: Water

Date Received: 09/27/21 16:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1
Molybdenum	0.0048		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1
Nickel	0.00089	J	0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1
Selenium	0.0028		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1
Silver	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:40	1
Thallium	ND		0.0010	0.00020	mg/L		09/29/21 08:22	09/29/21 13:40	1
Vanadium	0.0030		0.0010	0.0010	mg/L		09/29/21 08:22	09/29/21 13:40	1
Zinc	ND		0.020	0.0025	mg/L		09/29/21 08:22	09/29/21 13:40	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/06/21 10:43	10/06/21 16:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1700		20	10	mg/L			09/29/21 09:52	1

Client Sample ID: CB-2

Lab Sample ID: 440-289367-9

Date Collected: 09/27/21 14:40

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 17:37	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 17:37	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 17:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 17:37	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 17:37	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 17:37	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 17:37	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 17:37	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 17:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 17:37	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 17:37	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 17:37	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 17:37	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 17:37	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 17:37	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 17:37	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 17:37	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 17:37	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 17:37	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 17:37	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 17:37	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 17:37	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 17:37	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 17:37	1
Acetone	ND		20	4.0	ug/L			10/07/21 17:37	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 17:37	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 17:37	1

Eurofins Calscience Irvine

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: CB-2

Lab Sample ID: 440-289367-9

Date Collected: 09/27/21 14:40

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.39	ug/L			10/07/21 17:37	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 17:37	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 17:37	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 17:37	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 17:37	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 17:37	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 17:37	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 17:37	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 17:37	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 17:37	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 17:37	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 17:37	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 17:37	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 17:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 17:37	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 17:37	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 17:37	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 17:37	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 17:37	1
Methyl-t-Butyl Ether (MTBE)	ND	*	1.0	0.21	ug/L			10/07/21 17:37	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 17:37	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 17:37	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 17:37	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 17:37	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 17:37	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 17:37	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 17:37	1
Tetrachloroethene	19		1.0	0.29	ug/L			10/07/21 17:37	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 17:37	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 17:37	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 17:37	1
Trichloroethene	0.56 J		1.0	0.29	ug/L			10/07/21 17:37	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 17:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 17:37	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 17:37	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 17:37	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 17:37	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 17:37	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		68 - 135					10/07/21 17:37	1
Toluene-d8 (Surr)	101		80 - 120					10/07/21 17:37	1
Dibromofluoromethane (Surr)	113		80 - 120					10/07/21 17:37	1
4-Bromofluorobenzene (Surr)	93		71 - 120					10/07/21 17:37	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: CB-6

Lab Sample ID: 440-289367-10

Date Collected: 09/27/21 15:20

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 18:04	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 18:04	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 18:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 18:04	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 18:04	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 18:04	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 18:04	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 18:04	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 18:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 18:04	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 18:04	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 18:04	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 18:04	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 18:04	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 18:04	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 18:04	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 18:04	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 18:04	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 18:04	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 18:04	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 18:04	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 18:04	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 18:04	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 18:04	1
Acetone	ND		20	4.0	ug/L			10/07/21 18:04	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 18:04	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 18:04	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 18:04	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 18:04	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 18:04	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 18:04	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 18:04	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 18:04	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 18:04	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 18:04	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 18:04	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 18:04	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 18:04	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 18:04	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 18:04	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 18:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 18:04	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 18:04	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 18:04	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 18:04	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 18:04	1
Methyl-t-Butyl Ether (MTBE)	ND	*	1.0	0.21	ug/L			10/07/21 18:04	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 18:04	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 18:04	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: CB-6
Date Collected: 09/27/21 15:20
Date Received: 09/27/21 16:48

Lab Sample ID: 440-289367-10
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 18:04	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 18:04	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 18:04	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 18:04	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 18:04	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/07/21 18:04	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 18:04	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 18:04	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 18:04	1
Trichloroethene	2.6		1.0	0.29	ug/L			10/07/21 18:04	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 18:04	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 18:04	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 18:04	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 18:04	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 18:04	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		68 - 135					10/07/21 18:04	1
Toluene-d8 (Surr)	103		80 - 120					10/07/21 18:04	1
Dibromofluoromethane (Surr)	109		80 - 120					10/07/21 18:04	1
4-Bromofluorobenzene (Surr)	92		71 - 120					10/07/21 18:04	1

Client Sample ID: MW-6R
Date Collected: 09/27/21 15:00
Date Received: 09/27/21 16:48

Lab Sample ID: 440-289367-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 18:31	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 18:31	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 18:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 18:31	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 18:31	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 18:31	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 18:31	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 18:31	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 18:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 18:31	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 18:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 18:31	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 18:31	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 18:31	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 18:31	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 18:31	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 18:31	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 18:31	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 18:31	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 18:31	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: MW-6R

Lab Sample ID: 440-289367-11

Date Collected: 09/27/21 15:00

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 18:31	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 18:31	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 18:31	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 18:31	1
Acetone	ND		20	4.0	ug/L			10/07/21 18:31	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 18:31	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 18:31	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 18:31	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 18:31	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 18:31	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 18:31	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 18:31	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 18:31	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 18:31	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 18:31	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 18:31	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 18:31	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 18:31	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 18:31	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 18:31	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 18:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 18:31	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 18:31	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 18:31	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 18:31	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 18:31	1
Methyl-t-Butyl Ether (MTBE)	ND	*	1.0	0.21	ug/L			10/07/21 18:31	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 18:31	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 18:31	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 18:31	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 18:31	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 18:31	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 18:31	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 18:31	1
Tetrachloroethene	2.9		1.0	0.29	ug/L			10/07/21 18:31	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 18:31	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 18:31	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 18:31	1
Trichloroethene	ND		1.0	0.29	ug/L			10/07/21 18:31	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 18:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 18:31	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 18:31	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 18:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 18:31	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 18:31	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 135		10/07/21 18:31	1
Toluene-d8 (Surr)	101		80 - 120		10/07/21 18:31	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: MW-6R

Date Collected: 09/27/21 15:00

Date Received: 09/27/21 16:48

Lab Sample ID: 440-289367-11

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	108		80 - 120		10/07/21 18:31	1
4-Bromofluorobenzene (Surr)	93		71 - 120		10/07/21 18:31	1

Client Sample ID: EB-092721-2

Date Collected: 09/27/21 15:35

Date Received: 09/27/21 16:48

Lab Sample ID: 440-289367-12

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 14:57	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 14:57	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 14:57	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 14:57	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 14:57	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 14:57	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 14:57	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 14:57	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 14:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 14:57	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 14:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 14:57	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 14:57	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 14:57	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 14:57	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 14:57	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 14:57	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 14:57	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 14:57	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 14:57	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 14:57	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 14:57	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 14:57	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 14:57	1
Acetone	ND		20	4.0	ug/L			10/07/21 14:57	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 14:57	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 14:57	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 14:57	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 14:57	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 14:57	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 14:57	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 14:57	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 14:57	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 14:57	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 14:57	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 14:57	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 14:57	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 14:57	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 14:57	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 14:57	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: EB-092721-2

Lab Sample ID: 440-289367-12

Date Collected: 09/27/21 15:35

Matrix: Water

Date Received: 09/27/21 16:48

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 14:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 14:57	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 14:57	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 14:57	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 14:57	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 14:57	1
Methyl-t-Butyl Ether (MTBE)	ND	*-	1.0	0.21	ug/L			10/07/21 14:57	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 14:57	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 14:57	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 14:57	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 14:57	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 14:57	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 14:57	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 14:57	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/07/21 14:57	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 14:57	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 14:57	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 14:57	1
Trichloroethene	ND		1.0	0.29	ug/L			10/07/21 14:57	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 14:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 14:57	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 14:57	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 14:57	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 14:57	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 14:57	1
4-Methyl-2-pentanone (MIBK)	ND	*1	10	2.2	ug/L			10/07/21 14:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		68 - 135		10/07/21 14:57	1
Toluene-d8 (Surr)	98		80 - 120		10/07/21 14:57	1
Dibromofluoromethane (Surr)	109		80 - 120		10/07/21 14:57	1
4-Bromofluorobenzene (Surr)	91		71 - 120		10/07/21 14:57	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/28/21 21:03	1
Sulfate	ND		1.0	0.25	mg/L			09/28/21 21:03	1

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1
Arsenic	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1
Barium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:42	1
Cadmium	ND		0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 13:42	1
Chromium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1
Cobalt	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1
Copper	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1
Lead	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1
Molybdenum	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: EB-092721-2

Lab Sample ID: 440-289367-12

Date Collected: 09/27/21 15:35

Matrix: Water

Date Received: 09/27/21 16:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1
Selenium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1
Silver	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 13:42	1
Thallium	ND		0.0010	0.00020	mg/L		09/29/21 08:22	09/29/21 13:42	1
Vanadium	ND		0.0010	0.0010	mg/L		09/29/21 08:22	09/29/21 13:42	1
Zinc	0.0027	J B	0.020	0.0025	mg/L		09/29/21 08:22	09/29/21 13:42	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/06/21 10:43	10/06/21 16:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			09/29/21 09:52	1

Surrogate Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (68-135)	TOL (80-120)	DBFM (80-120)	BFB (71-120)
440-289367-1	TB-092721-1	99	100	106	92
440-289367-2	MW-10R	91	99	95	98
440-289367-2 MS	MW-10R	98	99	95	103
440-289367-2 MSD	MW-10R	89	98	94	103
440-289367-3	MW-27D	105	100	111	90
440-289367-4	EB-092721-1	103	98	108	91
440-289367-5	MW-23D	109	101	112	93
440-289367-6	TB-092721-2	104	99	108	92
440-289367-7	FB-092721-2	101	99	109	93
440-289367-8	CB-3	103	103	108	92
440-289367-9	CB-2	109	101	113	93
440-289367-10	CB-6	107	103	109	92
440-289367-11	MW-6R	104	101	108	93
440-289367-12	EB-092721-2	103	98	109	91
LCS 570-184648/3	Lab Control Sample	90	103	94	100
LCS 570-184667/3	Lab Control Sample	89	99	97	98
LCSD 570-184648/4	Lab Control Sample Dup	91	97	94	104
LCSD 570-184667/4	Lab Control Sample Dup	99	101	99	101
MB 570-184648/6	Method Blank	91	96	95	94
MB 570-184667/6	Method Blank	100	98	104	92

Surrogate Legend

- DCA = 1,2-Dichloroethane-d4 (Surr)
- TOL = Toluene-d8 (Surr)
- DBFM = Dibromofluoromethane (Surr)
- BFB = 4-Bromofluorobenzene (Surr)

Method Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
300.0	Anions, Ion Chromatography	MCAWW	TAL IRV
6020	Metals (ICP/MS)	SW846	TAL IRV
7470A	Mercury (CVAA)	SW846	TAL IRV
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL IRV
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL IRV
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	TAL IRV
FILTRATION	Sample Filtration	None	TAL IRV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

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

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

Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: TB-092721-1

Lab Sample ID: 440-289367-1

Date Collected: 09/27/21 07:00

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 13:37	UJHB	ECL 2

Client Sample ID: MW-10R

Lab Sample ID: 440-289367-2

Date Collected: 09/27/21 13:47

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184648	10/07/21 18:03	UJHB	ECL 2
Total/NA	Analysis	300.0		200			657666	09/28/21 22:23	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			150 mL	150 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657738	09/29/21 08:22	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657786	09/29/21 13:09	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			150 mL	150 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658193	10/06/21 10:43	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658243	10/06/21 16:22	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	20 mL	100 mL	657743	09/29/21 09:52	VY3D	TAL IRV

Client Sample ID: MW-27D

Lab Sample ID: 440-289367-3

Date Collected: 09/27/21 14:30

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 16:17	UJHB	ECL 2
Total/NA	Analysis	300.0		100			657666	09/28/21 21:35	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			150 mL	150 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657738	09/29/21 08:22	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657786	09/29/21 13:30	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			150 mL	150 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658193	10/06/21 10:43	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658243	10/06/21 16:32	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	657743	09/29/21 09:52	VY3D	TAL IRV

Client Sample ID: EB-092721-1

Lab Sample ID: 440-289367-4

Date Collected: 09/27/21 15:00

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 14:31	UJHB	ECL 2
Total/NA	Analysis	300.0		1			657666	09/28/21 20:31	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657738	09/29/21 08:22	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657786	09/29/21 13:33	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658193	10/06/21 10:43	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658243	10/06/21 16:35	MA6V	TAL IRV

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: EB-092721-1

Lab Sample ID: 440-289367-4

Date Collected: 09/27/21 15:00

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	657743	09/29/21 09:52	VY3D	TAL IRV

Client Sample ID: MW-23D

Lab Sample ID: 440-289367-5

Date Collected: 09/27/21 15:30

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 16:44	UJHB	ECL 2
Total/NA	Analysis	300.0		200			657666	09/28/21 21:51	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			150 mL	150 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657738	09/29/21 08:22	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657786	09/29/21 13:35	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			150 mL	150 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658193	10/06/21 10:43	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658243	10/06/21 16:37	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	20 mL	100 mL	657743	09/29/21 09:52	VY3D	TAL IRV

Client Sample ID: TB-092721-2

Lab Sample ID: 440-289367-6

Date Collected: 09/27/21 13:00

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 14:04	UJHB	ECL 2

Client Sample ID: FB-092721-2

Lab Sample ID: 440-289367-7

Date Collected: 09/27/21 13:10

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 15:24	UJHB	ECL 2
Total/NA	Analysis	300.0		1			657666	09/28/21 20:47	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657738	09/29/21 08:22	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657786	09/29/21 13:38	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658193	10/06/21 10:43	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658243	10/06/21 16:39	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	657743	09/29/21 09:52	VY3D	TAL IRV

Client Sample ID: CB-3

Lab Sample ID: 440-289367-8

Date Collected: 09/27/21 14:12

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 17:11	UJHB	ECL 2

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Client Sample ID: CB-3

Lab Sample ID: 440-289367-8

Date Collected: 09/27/21 14:12

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			657666	09/28/21 22:07	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657738	09/29/21 08:22	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657786	09/29/21 13:40	COYH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658193	10/06/21 10:43	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658243	10/06/21 16:41	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	657743	09/29/21 09:52	VY3D	TAL IRV

Client Sample ID: CB-2

Lab Sample ID: 440-289367-9

Date Collected: 09/27/21 14:40

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 17:37	UJHB	ECL 2

Client Sample ID: CB-6

Lab Sample ID: 440-289367-10

Date Collected: 09/27/21 15:20

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 18:04	UJHB	ECL 2

Client Sample ID: MW-6R

Lab Sample ID: 440-289367-11

Date Collected: 09/27/21 15:00

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 18:31	UJHB	ECL 2

Client Sample ID: EB-092721-2

Lab Sample ID: 440-289367-12

Date Collected: 09/27/21 15:35

Matrix: Water

Date Received: 09/27/21 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184667	10/07/21 14:57	UJHB	ECL 2
Total/NA	Analysis	300.0		1			657666	09/28/21 21:03	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657738	09/29/21 08:22	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657786	09/29/21 13:42	COYH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657650	09/28/21 10:24	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658193	10/06/21 10:43	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658243	10/06/21 16:43	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	657743	09/29/21 09:52	VY3D	TAL IRV

Lab Chronicle

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494
TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-184648/6
Matrix: Water
Analysis Batch: 184648

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 11:20	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 11:20	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 11:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 11:20	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 11:20	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 11:20	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 11:20	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 11:20	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 11:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 11:20	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 11:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 11:20	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 11:20	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 11:20	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 11:20	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 11:20	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 11:20	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 11:20	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 11:20	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 11:20	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 11:20	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 11:20	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 11:20	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 11:20	1
Acetone	ND		20	4.0	ug/L			10/07/21 11:20	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 11:20	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 11:20	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 11:20	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 11:20	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 11:20	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 11:20	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 11:20	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 11:20	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 11:20	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 11:20	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 11:20	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 11:20	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 11:20	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 11:20	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 11:20	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 11:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 11:20	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 11:20	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 11:20	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 11:20	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 11:20	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/07/21 11:20	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 11:20	1

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-184648/6
Matrix: Water
Analysis Batch: 184648

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 11:20	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 11:20	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 11:20	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 11:20	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 11:20	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 11:20	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/07/21 11:20	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 11:20	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 11:20	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 11:20	1
Trichloroethene	ND		1.0	0.29	ug/L			10/07/21 11:20	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 11:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 11:20	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 11:20	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 11:20	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 11:20	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 11:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/07/21 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		68 - 135		10/07/21 11:20	1
Toluene-d8 (Surr)	96		80 - 120		10/07/21 11:20	1
Dibromofluoromethane (Surr)	95		80 - 120		10/07/21 11:20	1
4-Bromofluorobenzene (Surr)	94		71 - 120		10/07/21 11:20	1

Lab Sample ID: LCS 570-184648/3
Matrix: Water
Analysis Batch: 184648

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	10.0	8.74		ug/L		87	66 - 131
1,1,1,2-Tetrachloroethane	10.0	9.35		ug/L		94	76 - 143
1,1,1-Trichloroethane	10.0	9.61		ug/L		96	75 - 128
1,1,2,2-Tetrachloroethane	10.0	8.02		ug/L		80	73 - 126
1,1,2-Trichloroethane	10.0	8.54		ug/L		85	80 - 120
1,1-Dichloroethane	10.0	9.01		ug/L		90	76 - 120
1,1-Dichloroethene	10.0	9.27		ug/L		93	72 - 120
1,1-Dichloropropene	10.0	9.58		ug/L		96	76 - 120
1,2,3-Trichlorobenzene	10.0	9.60		ug/L		96	80 - 125
1,2,4-Trichlorobenzene	10.0	9.78		ug/L		98	80 - 123
1,2,4-Trimethylbenzene	10.0	9.64		ug/L		96	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	7.53	*	ug/L		75	77 - 120
1,2-Dichlorobenzene	10.0	9.50		ug/L		95	79 - 123
1,2-Dichloroethane	10.0	9.15		ug/L		91	71 - 137
1,2-Dichloropropane	10.0	9.29		ug/L		93	80 - 120
1,3,5-Trimethylbenzene	10.0	10.2		ug/L		102	77 - 133
1,3-Dichlorobenzene	10.0	9.77		ug/L		98	79 - 123
1,3-Dichloropropane	10.0	8.60		ug/L		86	80 - 123

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-184648/3

Matrix: Water

Analysis Batch: 184648

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	10.0	9.36		ug/L		94	75 - 123
2,2-Dichloropropane	10.0	9.95		ug/L		99	78 - 133
2-Chlorotoluene	10.0	9.77		ug/L		98	80 - 120
2-Hexanone	10.0	6.58	J	ug/L		66	57 - 127
4-Chlorotoluene	10.0	9.70		ug/L		97	78 - 120
p-Isopropyltoluene	10.0	9.96		ug/L		100	77 - 127
Acetone	10.0	8.52	J	ug/L		85	57 - 133
Benzene	10.0	9.83		ug/L		98	80 - 120
Bromobenzene	10.0	9.94		ug/L		99	80 - 124
Bromoform	10.0	8.81		ug/L		88	46 - 178
Bromomethane	10.0	10.1		ug/L		101	52 - 162
Carbon disulfide	10.0	9.65	J	ug/L		96	66 - 125
Carbon tetrachloride	10.0	9.39		ug/L		94	69 - 145
Chlorobenzene	10.0	9.65		ug/L		96	80 - 120
Bromochloromethane	10.0	8.91		ug/L		89	76 - 125
Chloroethane	10.0	9.09		ug/L		91	73 - 139
Chloroform	10.0	9.17		ug/L		92	80 - 120
Chloromethane	10.0	9.19	J	ug/L		92	35 - 159
cis-1,2-Dichloroethene	10.0	9.25		ug/L		92	76 - 122
cis-1,3-Dichloropropene	10.0	8.90		ug/L		89	80 - 122
Dibromochloromethane	10.0	9.18		ug/L		92	63 - 151
Dibromomethane	10.0	9.06		ug/L		91	80 - 121
Bromodichloromethane	10.0	9.41		ug/L		94	77 - 141
Dichlorodifluoromethane	10.0	8.82		ug/L		88	59 - 139
Ethylbenzene	10.0	10.2		ug/L		102	80 - 120
Isopropylbenzene	10.0	10.4		ug/L		104	80 - 124
m,p-Xylene	20.0	20.3		ug/L		101	80 - 122
Methylene Chloride	10.0	9.01	J	ug/L		90	70 - 120
Methyl-t-Butyl Ether (MTBE)	10.0	7.67		ug/L		77	72 - 120
Naphthalene	10.0	7.99	J	ug/L		80	75 - 120
n-Butylbenzene	10.0	9.95		ug/L		100	76 - 124
N-Propylbenzene	10.0	10.4		ug/L		104	80 - 122
o-Xylene	10.0	10.0		ug/L		100	80 - 122
sec-Butylbenzene	10.0	9.76		ug/L		98	75 - 123
Styrene	10.0	10.0		ug/L		100	80 - 121
tert-Butylbenzene	10.0	9.59		ug/L		96	72 - 128
Tetrachloroethene	10.0	10.5		ug/L		105	80 - 128
Toluene	10.0	9.87		ug/L		99	80 - 120
trans-1,2-Dichloroethene	10.0	9.10		ug/L		91	67 - 123
trans-1,3-Dichloropropene	10.0	8.81		ug/L		88	78 - 140
Trichloroethene	10.0	10.0		ug/L		100	80 - 123
Trichlorofluoromethane	10.0	9.73	J	ug/L		97	64 - 168
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.2		ug/L		102	50 - 120
Vinyl acetate	10.0	7.89	J	ug/L		79	75 - 144
Vinyl chloride	10.0	9.17		ug/L		92	74 - 130
1,2-Dibromoethane (EDB)	10.0	8.52		ug/L		85	80 - 120
2-Butanone (MEK)	10.0	8.72	J	ug/L		87	32 - 133
4-Methyl-2-pentanone (MIBK)	10.0	8.06	J	ug/L		81	68 - 120

Eurofins Calscience Irvine

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	90		68 - 135
Toluene-d8 (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	94		80 - 120
4-Bromofluorobenzene (Surr)	100		71 - 120

Lab Sample ID: LCSD 570-184648/4
Matrix: Water
Analysis Batch: 184648

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	RPD Limit
							Limits	RPD		
1,2,3-Trichloropropane	10.0	8.89		ug/L		89	66 - 131	2	20	
1,1,1,2-Tetrachloroethane	10.0	9.38		ug/L		94	76 - 143	0	20	
1,1,1-Trichloroethane	10.0	8.96		ug/L		90	75 - 128	7	20	
1,1,2,2-Tetrachloroethane	10.0	8.53		ug/L		85	73 - 126	6	21	
1,1,2-Trichloroethane	10.0	8.76		ug/L		88	80 - 120	2	20	
1,1-Dichloroethane	10.0	8.56		ug/L		86	76 - 120	5	20	
1,1-Dichloroethene	10.0	8.61		ug/L		86	72 - 120	7	20	
1,1-Dichloropropene	10.0	8.83		ug/L		88	76 - 120	8	20	
1,2,3-Trichlorobenzene	10.0	9.71		ug/L		97	80 - 125	1	22	
1,2,4-Trichlorobenzene	10.0	9.58		ug/L		96	80 - 123	2	20	
1,2,4-Trimethylbenzene	10.0	8.94		ug/L		89	78 - 125	8	22	
1,2-Dibromo-3-Chloropropane	10.0	8.10		ug/L		81	77 - 120	7	21	
1,2-Dichlorobenzene	10.0	9.06		ug/L		91	79 - 123	5	20	
1,2-Dichloroethane	10.0	8.54		ug/L		85	71 - 137	7	20	
1,2-Dichloropropane	10.0	8.76		ug/L		88	80 - 120	6	20	
1,3,5-Trimethylbenzene	10.0	9.75		ug/L		97	77 - 133	5	20	
1,3-Dichlorobenzene	10.0	9.30		ug/L		93	79 - 123	5	20	
1,3-Dichloropropane	10.0	8.71		ug/L		87	80 - 123	1	20	
1,4-Dichlorobenzene	10.0	9.05		ug/L		90	75 - 123	3	22	
2,2-Dichloropropane	10.0	9.15		ug/L		92	78 - 133	8	20	
2-Chlorotoluene	10.0	9.44		ug/L		94	80 - 120	3	20	
2-Hexanone	10.0	7.16	J	ug/L		72	57 - 127	8	21	
4-Chlorotoluene	10.0	9.27		ug/L		93	78 - 120	5	21	
p-Isopropyltoluene	10.0	9.16		ug/L		92	77 - 127	8	21	
Acetone	10.0	8.59	J	ug/L		86	57 - 133	1	28	
Benzene	10.0	8.97		ug/L		90	80 - 120	9	20	
Bromobenzene	10.0	9.78		ug/L		98	80 - 124	2	20	
Bromoform	10.0	9.11		ug/L		91	46 - 178	3	23	
Bromomethane	10.0	9.25	J	ug/L		92	52 - 162	9	20	
Carbon disulfide	10.0	8.89	J	ug/L		89	66 - 125	8	20	
Carbon tetrachloride	10.0	8.84		ug/L		88	69 - 145	6	20	
Chlorobenzene	10.0	9.31		ug/L		93	80 - 120	4	20	
Bromochloromethane	10.0	8.63		ug/L		86	76 - 125	3	20	
Chloroethane	10.0	8.15		ug/L		82	73 - 139	11	20	
Chloroform	10.0	8.88		ug/L		89	80 - 120	3	20	
Chloromethane	10.0	8.41	J	ug/L		84	35 - 159	9	20	
cis-1,2-Dichloroethene	10.0	8.75		ug/L		87	76 - 122	6	20	
cis-1,3-Dichloropropene	10.0	8.83		ug/L		88	80 - 122	1	20	
Dibromochloromethane	10.0	9.16		ug/L		92	63 - 151	0	20	
Dibromomethane	10.0	8.73		ug/L		87	80 - 121	4	20	
Bromodichloromethane	10.0	8.86		ug/L		89	77 - 141	6	20	

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-184648/4
Matrix: Water
Analysis Batch: 184648

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	10.0	7.71		ug/L		77	59 - 139	13	20
Ethylbenzene	10.0	9.60		ug/L		96	80 - 120	6	20
Isopropylbenzene	10.0	9.89		ug/L		99	80 - 124	5	20
m,p-Xylene	20.0	19.5		ug/L		98	80 - 122	4	20
Methylene Chloride	10.0	8.47	J	ug/L		85	70 - 120	6	20
Methyl-t-Butyl Ether (MTBE)	10.0	8.24		ug/L		82	72 - 120	7	20
Naphthalene	10.0	8.35	J	ug/L		84	75 - 120	4	22
n-Butylbenzene	10.0	9.16		ug/L		92	76 - 124	8	23
N-Propylbenzene	10.0	9.82		ug/L		98	80 - 122	6	20
o-Xylene	10.0	9.51		ug/L		95	80 - 122	5	20
sec-Butylbenzene	10.0	9.11		ug/L		91	75 - 123	7	21
Styrene	10.0	9.49		ug/L		95	80 - 121	6	20
tert-Butylbenzene	10.0	9.06		ug/L		91	72 - 128	6	22
Tetrachloroethene	10.0	9.82		ug/L		98	80 - 128	7	20
Toluene	10.0	9.06		ug/L		91	80 - 120	9	20
trans-1,2-Dichloroethene	10.0	8.80		ug/L		88	67 - 123	3	20
trans-1,3-Dichloropropene	10.0	8.86		ug/L		89	78 - 140	1	20
Trichloroethene	10.0	9.08		ug/L		91	80 - 123	10	20
Trichlorofluoromethane	10.0	8.72	J	ug/L		87	64 - 168	11	20
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.06	J	ug/L		91	50 - 120	12	20
Vinyl acetate	10.0	7.20	J *	ug/L		72	75 - 144	9	25
Vinyl chloride	10.0	8.31		ug/L		83	74 - 130	10	20
1,2-Dibromoethane (EDB)	10.0	9.06		ug/L		91	80 - 120	6	20
2-Butanone (MEK)	10.0	7.50	J	ug/L		75	32 - 133	15	26
4-Methyl-2-pentanone (MIBK)	10.0	8.10	J	ug/L		81	68 - 120	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	91		68 - 135
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	94		80 - 120
4-Bromofluorobenzene (Surr)	104		71 - 120

Lab Sample ID: 440-289367-2 MS
Matrix: Water
Analysis Batch: 184648

Client Sample ID: MW-10R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	ND		10.0	8.94		ug/L		89	66 - 139
1,1,1,2-Tetrachloroethane	ND		10.0	9.05		ug/L		90	57 - 157
1,1,1-Trichloroethane	ND		10.0	8.84		ug/L		88	54 - 152
1,1,2,2-Tetrachloroethane	ND		10.0	8.62		ug/L		86	67 - 143
1,1,2-Trichloroethane	ND		10.0	8.75		ug/L		87	70 - 138
1,1-Dichloroethane	ND		10.0	8.53		ug/L		85	57 - 140
1,1-Dichloroethene	ND		10.0	8.84		ug/L		88	48 - 146
1,1-Dichloropropene	ND		10.0	8.93		ug/L		89	56 - 144
1,2,3-Trichlorobenzene	ND		10.0	9.49		ug/L		95	66 - 146
1,2,4-Trichlorobenzene	ND		10.0	9.42		ug/L		94	64 - 146
1,2,4-Trimethylbenzene	ND		10.0	8.83		ug/L		88	52 - 156

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-289367-2 MS

Matrix: Water

Analysis Batch: 184648

Client Sample ID: MW-10R

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	ND	*-	10.0	8.24		ug/L		82	57 - 145
1,2-Dichlorobenzene	ND		10.0	9.22		ug/L		92	63 - 146
1,2-Dichloroethane	ND		10.0	8.78		ug/L		88	63 - 151
1,2-Dichloropropane	ND		10.0	8.77		ug/L		88	65 - 143
1,3,5-Trimethylbenzene	ND		10.0	9.63		ug/L		96	58 - 158
1,3-Dichlorobenzene	ND		10.0	9.13		ug/L		91	61 - 145
1,3-Dichloropropane	ND		10.0	8.85		ug/L		88	70 - 137
1,4-Dichlorobenzene	ND		10.0	8.73		ug/L		87	61 - 141
2,2-Dichloropropane	ND		10.0	8.38		ug/L		84	56 - 148
2-Chlorotoluene	ND		10.0	9.15		ug/L		92	58 - 145
2-Hexanone	ND		10.0	9.94	J	ug/L		99	61 - 139
4-Chlorotoluene	ND		10.0	9.02		ug/L		90	59 - 144
p-Isopropyltoluene	ND		10.0	8.80		ug/L		88	55 - 153
Acetone	ND		10.0	9.34	J	ug/L		93	49 - 130
Benzene	ND		10.0	9.29		ug/L		93	61 - 143
Bromobenzene	ND		10.0	9.74		ug/L		97	64 - 146
Bromoform	ND		10.0	9.09		ug/L		91	48 - 168
Bromomethane	ND		10.0	10.6		ug/L		106	58 - 175
Carbon disulfide	ND		10.0	9.39	J	ug/L		94	48 - 149
Carbon tetrachloride	ND		10.0	9.00		ug/L		90	46 - 167
Chlorobenzene	ND		10.0	9.20		ug/L		92	62 - 143
Bromochloromethane	ND		10.0	9.21		ug/L		92	65 - 140
Chloroethane	ND		10.0	9.06		ug/L		91	65 - 162
Chloroform	ND		10.0	8.66		ug/L		87	62 - 145
Chloromethane	ND		10.0	8.13	J	ug/L		81	21 - 171
cis-1,2-Dichloroethene	ND		10.0	8.73		ug/L		87	53 - 156
cis-1,3-Dichloropropene	ND		10.0	8.51		ug/L		85	65 - 142
Dibromochloromethane	ND		10.0	9.15		ug/L		92	56 - 156
Dibromomethane	ND		10.0	8.89		ug/L		89	69 - 142
Bromodichloromethane	ND		10.0	8.87		ug/L		89	61 - 158
Dichlorodifluoromethane	ND		10.0	7.81		ug/L		78	38 - 159
Ethylbenzene	ND		10.0	9.45		ug/L		95	59 - 145
Isopropylbenzene	ND		10.0	9.69		ug/L		97	61 - 149
m,p-Xylene	ND		20.0	19.0		ug/L		95	61 - 150
Methylene Chloride	ND		10.0	8.67	J	ug/L		87	57 - 131
Methyl-t-Butyl Ether (MTBE)	ND		10.0	8.26		ug/L		83	62 - 125
Naphthalene	ND		10.0	8.25	J	ug/L		83	54 - 148
n-Butylbenzene	ND		10.0	8.77		ug/L		88	57 - 150
N-Propylbenzene	ND		10.0	9.62		ug/L		96	60 - 149
o-Xylene	ND		10.0	9.25		ug/L		92	61 - 150
sec-Butylbenzene	ND		10.0	8.96		ug/L		90	57 - 148
Styrene	ND		10.0	9.23		ug/L		92	53 - 146
tert-Butylbenzene	ND		10.0	8.77		ug/L		88	56 - 148
Tetrachloroethene	ND		10.0	10.4		ug/L		104	52 - 156
Toluene	ND		10.0	9.30		ug/L		93	62 - 145
trans-1,2-Dichloroethene	ND		10.0	8.83		ug/L		88	54 - 142
trans-1,3-Dichloropropene	ND		10.0	8.46		ug/L		85	66 - 146
Trichloroethene	ND		10.0	9.51		ug/L		95	35 - 163
Trichlorofluoromethane	ND		10.0	8.83	J	ug/L		88	75 - 151

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QC Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-289367-2 MS
Matrix: Water
Analysis Batch: 184648

Client Sample ID: MW-10R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	8.69	J	ug/L		87	35 - 132
Vinyl acetate	ND	*	10.0	8.19	J	ug/L		82	61 - 170
Vinyl chloride	ND		10.0	9.04		ug/L		90	75 - 139
1,2-Dibromoethane (EDB)	ND		10.0	9.23		ug/L		92	69 - 139
2-Butanone (MEK)	ND		10.0	8.55	J	ug/L		86	48 - 141
4-Methyl-2-pentanone (MIBK)	ND		10.0	8.56	J	ug/L		86	63 - 139
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	98		68 - 135						
Toluene-d8 (Surr)	99		80 - 120						
Dibromofluoromethane (Surr)	95		80 - 120						
4-Bromofluorobenzene (Surr)	103		71 - 120						

Lab Sample ID: 440-289367-2 MSD
Matrix: Water
Analysis Batch: 184648

Client Sample ID: MW-10R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	ND		10.0	8.86		ug/L		89	66 - 139	1	20
1,1,1,2-Tetrachloroethane	ND		10.0	9.29		ug/L		93	57 - 157	3	20
1,1,1-Trichloroethane	ND		10.0	8.81		ug/L		88	54 - 152	0	26
1,1,2,2-Tetrachloroethane	ND		10.0	8.50		ug/L		85	67 - 143	1	20
1,1,2-Trichloroethane	ND		10.0	8.78		ug/L		88	70 - 138	0	20
1,1-Dichloroethane	ND		10.0	8.30		ug/L		83	57 - 140	3	22
1,1-Dichloroethene	ND		10.0	8.83		ug/L		88	48 - 146	0	28
1,1-Dichloropropene	ND		10.0	8.88		ug/L		89	56 - 144	1	27
1,2,3-Trichlorobenzene	ND		10.0	9.68		ug/L		97	66 - 146	2	24
1,2,4-Trichlorobenzene	ND		10.0	9.65		ug/L		96	64 - 146	2	25
1,2,4-Trimethylbenzene	ND		10.0	9.07		ug/L		91	52 - 156	3	24
1,2-Dibromo-3-Chloropropane	ND	*	10.0	8.10		ug/L		81	57 - 145	2	21
1,2-Dichlorobenzene	ND		10.0	9.22		ug/L		92	63 - 146	0	20
1,2-Dichloroethane	ND		10.0	8.55		ug/L		85	63 - 151	3	20
1,2-Dichloropropane	ND		10.0	8.63		ug/L		86	65 - 143	2	20
1,3,5-Trimethylbenzene	ND		10.0	9.64		ug/L		96	58 - 158	0	26
1,3-Dichlorobenzene	ND		10.0	9.20		ug/L		92	61 - 145	1	22
1,3-Dichloropropane	ND		10.0	8.86		ug/L		89	70 - 137	0	20
1,4-Dichlorobenzene	ND		10.0	8.85		ug/L		88	61 - 141	1	22
2,2-Dichloropropane	ND		10.0	8.21		ug/L		82	56 - 148	2	26
2-Chlorotoluene	ND		10.0	9.21		ug/L		92	58 - 145	1	25
2-Hexanone	ND		10.0	9.86	J	ug/L		99	61 - 139	1	21
4-Chlorotoluene	ND		10.0	9.02		ug/L		90	59 - 144	0	24
p-Isopropyltoluene	ND		10.0	9.10		ug/L		91	55 - 153	3	28
Acetone	ND		10.0	8.17	J	ug/L		82	49 - 130	13	26
Benzene	ND		10.0	9.12		ug/L		91	61 - 143	2	20
Bromobenzene	ND		10.0	9.72		ug/L		97	64 - 146	0	20
Bromoform	ND		10.0	9.09		ug/L		91	48 - 168	0	20
Bromomethane	ND		10.0	9.67	J	ug/L		97	58 - 175	9	22
Carbon disulfide	ND		10.0	9.22	J	ug/L		92	48 - 149	2	25

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-289367-2 MSD
Matrix: Water
Analysis Batch: 184648

Client Sample ID: MW-10R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	ND		10.0	8.92		ug/L		89	46 - 167	1	29
Chlorobenzene	ND		10.0	9.22		ug/L		92	62 - 143	0	20
Bromochloromethane	ND		10.0	8.73		ug/L		87	65 - 140	5	20
Chloroethane	ND		10.0	8.82		ug/L		88	65 - 162	3	20
Chloroform	ND		10.0	8.57		ug/L		86	62 - 145	1	20
Chloromethane	ND		10.0	8.15	J	ug/L		81	21 - 171	0	20
cis-1,2-Dichloroethene	ND		10.0	8.76		ug/L		88	53 - 156	0	20
cis-1,3-Dichloropropene	ND		10.0	8.43		ug/L		84	65 - 142	1	20
Dibromochloromethane	ND		10.0	9.31		ug/L		93	56 - 156	2	20
Dibromomethane	ND		10.0	9.12		ug/L		91	69 - 142	2	20
Bromodichloromethane	ND		10.0	8.93		ug/L		89	61 - 158	1	20
Dichlorodifluoromethane	ND		10.0	7.59		ug/L		76	38 - 159	3	21
Ethylbenzene	ND		10.0	9.54		ug/L		95	59 - 145	1	23
Isopropylbenzene	ND		10.0	9.95		ug/L		100	61 - 149	3	28
m,p-Xylene	ND		20.0	19.3		ug/L		97	61 - 150	2	23
Methylene Chloride	ND		10.0	8.90	J	ug/L		89	57 - 131	3	21
Methyl-t-Butyl Ether (MTBE)	ND		10.0	8.26		ug/L		83	62 - 125	0	20
Naphthalene	ND		10.0	8.59	J	ug/L		86	54 - 148	4	22
n-Butylbenzene	ND		10.0	9.16		ug/L		92	57 - 150	4	30
N-Propylbenzene	ND		10.0	9.71		ug/L		97	60 - 149	1	29
o-Xylene	ND		10.0	9.46		ug/L		95	61 - 150	2	20
sec-Butylbenzene	ND		10.0	9.23		ug/L		92	57 - 148	3	31
Styrene	ND		10.0	9.25		ug/L		93	53 - 146	0	22
tert-Butylbenzene	ND		10.0	9.10		ug/L		91	56 - 148	4	28
Tetrachloroethene	ND		10.0	10.3		ug/L		103	52 - 156	1	26
Toluene	ND		10.0	9.10		ug/L		91	62 - 145	2	21
trans-1,2-Dichloroethene	ND		10.0	8.71		ug/L		87	54 - 142	1	25
trans-1,3-Dichloropropene	ND		10.0	8.60		ug/L		86	66 - 146	2	20
Trichloroethene	ND		10.0	9.33		ug/L		93	35 - 163	2	21
Trichlorofluoromethane	ND		10.0	8.75	J	ug/L		87	75 - 151	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	8.69	J	ug/L		87	35 - 132	0	36
Vinyl acetate	ND	*-	10.0	6.61	J	ug/L		66	61 - 170	21	27
Vinyl chloride	ND		10.0	8.87		ug/L		89	75 - 139	2	20
1,2-Dibromoethane (EDB)	ND		10.0	8.65		ug/L		86	69 - 139	7	20
2-Butanone (MEK)	ND		10.0	7.86	J	ug/L		79	48 - 141	9	26
4-Methyl-2-pentanone (MIBK)	ND		10.0	8.36	J	ug/L		84	63 - 139	2	20
Surrogate											
1,2-Dichloroethane-d4 (Surr)				89					68 - 135		
Toluene-d8 (Surr)				98					80 - 120		
Dibromofluoromethane (Surr)				94					80 - 120		
4-Bromofluorobenzene (Surr)				103					71 - 120		

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-184667/6
Matrix: Water
Analysis Batch: 184667

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/07/21 13:11	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/07/21 13:11	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/07/21 13:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/07/21 13:11	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/07/21 13:11	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/07/21 13:11	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/07/21 13:11	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/07/21 13:11	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/07/21 13:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/07/21 13:11	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/07/21 13:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/07/21 13:11	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/07/21 13:11	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/07/21 13:11	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/07/21 13:11	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/07/21 13:11	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/07/21 13:11	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/07/21 13:11	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/07/21 13:11	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/07/21 13:11	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/07/21 13:11	1
2-Hexanone	ND		10	4.3	ug/L			10/07/21 13:11	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/07/21 13:11	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/07/21 13:11	1
Acetone	ND		20	4.0	ug/L			10/07/21 13:11	1
Benzene	ND		0.50	0.27	ug/L			10/07/21 13:11	1
Bromobenzene	ND		1.0	0.26	ug/L			10/07/21 13:11	1
Bromoform	ND		1.0	0.39	ug/L			10/07/21 13:11	1
Bromomethane	ND		10	0.93	ug/L			10/07/21 13:11	1
Carbon disulfide	ND		10	0.24	ug/L			10/07/21 13:11	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/07/21 13:11	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/07/21 13:11	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/07/21 13:11	1
Chloroethane	ND		5.0	0.44	ug/L			10/07/21 13:11	1
Chloroform	ND		1.0	0.28	ug/L			10/07/21 13:11	1
Chloromethane	ND		10	0.29	ug/L			10/07/21 13:11	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/07/21 13:11	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/07/21 13:11	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/07/21 13:11	1
Dibromomethane	ND		1.0	0.23	ug/L			10/07/21 13:11	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/07/21 13:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/21 13:11	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/07/21 13:11	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/07/21 13:11	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/07/21 13:11	1
Methylene Chloride	ND		10	0.48	ug/L			10/07/21 13:11	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/07/21 13:11	1
Naphthalene	ND		10	0.32	ug/L			10/07/21 13:11	1

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-184667/6
Matrix: Water
Analysis Batch: 184667

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.0	0.29	ug/L			10/07/21 13:11	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/07/21 13:11	1
o-Xylene	ND		1.0	0.35	ug/L			10/07/21 13:11	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 13:11	1
Styrene	ND		1.0	0.28	ug/L			10/07/21 13:11	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/07/21 13:11	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/07/21 13:11	1
Toluene	ND		1.0	0.33	ug/L			10/07/21 13:11	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/07/21 13:11	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/07/21 13:11	1
Trichloroethene	ND		1.0	0.29	ug/L			10/07/21 13:11	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/07/21 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/07/21 13:11	1
Vinyl acetate	ND		10	3.1	ug/L			10/07/21 13:11	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/07/21 13:11	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/07/21 13:11	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/07/21 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/07/21 13:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		68 - 135		10/07/21 13:11	1
Toluene-d8 (Surr)	98		80 - 120		10/07/21 13:11	1
Dibromofluoromethane (Surr)	104		80 - 120		10/07/21 13:11	1
4-Bromofluorobenzene (Surr)	92		71 - 120		10/07/21 13:11	1

Lab Sample ID: LCS 570-184667/3
Matrix: Water
Analysis Batch: 184667

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	10.0	7.47		ug/L		75	66 - 131
1,1,1,2-Tetrachloroethane	10.0	9.79		ug/L		98	76 - 143
1,1,1-Trichloroethane	10.0	9.95		ug/L		99	75 - 128
1,1,2,2-Tetrachloroethane	10.0	8.95		ug/L		89	73 - 126
1,1,2-Trichloroethane	10.0	9.21		ug/L		92	80 - 120
1,1-Dichloroethane	10.0	9.19		ug/L		92	76 - 120
1,1-Dichloroethene	10.0	11.0		ug/L		110	72 - 120
1,1-Dichloropropene	10.0	9.72		ug/L		97	76 - 120
1,2,3-Trichlorobenzene	10.0	9.15		ug/L		91	80 - 125
1,2,4-Trichlorobenzene	10.0	9.35		ug/L		93	80 - 123
1,2,4-Trimethylbenzene	10.0	9.73		ug/L		97	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	7.97		ug/L		80	77 - 120
1,2-Dichlorobenzene	10.0	9.44		ug/L		94	79 - 123
1,2-Dichloroethane	10.0	8.85		ug/L		89	71 - 137
1,2-Dichloropropane	10.0	9.17		ug/L		92	80 - 120
1,3,5-Trimethylbenzene	10.0	10.2		ug/L		102	77 - 133
1,3-Dichlorobenzene	10.0	9.27		ug/L		93	79 - 123
1,3-Dichloropropane	10.0	8.73		ug/L		87	80 - 123

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-184667/3
Matrix: Water
Analysis Batch: 184667

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	10.0	9.43		ug/L		94	75 - 123
2,2-Dichloropropane	10.0	10.3		ug/L		103	78 - 133
2-Chlorotoluene	10.0	9.80		ug/L		98	80 - 120
2-Hexanone	10.0	7.78	J	ug/L		78	57 - 127
4-Chlorotoluene	10.0	9.34		ug/L		93	78 - 120
p-Isopropyltoluene	10.0	10.3		ug/L		103	77 - 127
Acetone	10.0	7.92	J	ug/L		79	57 - 133
Benzene	10.0	9.37		ug/L		94	80 - 120
Bromobenzene	10.0	9.42		ug/L		94	80 - 124
Bromoform	10.0	8.89		ug/L		89	46 - 178
Bromomethane	10.0	9.98	J	ug/L		100	52 - 162
Carbon disulfide	10.0	9.49	J	ug/L		95	66 - 125
Carbon tetrachloride	10.0	9.17		ug/L		92	69 - 145
Chlorobenzene	10.0	9.59		ug/L		96	80 - 120
Bromochloromethane	10.0	8.77		ug/L		88	76 - 125
Chloroethane	10.0	10.2		ug/L		102	73 - 139
Chloroform	10.0	9.23		ug/L		92	80 - 120
Chloromethane	10.0	8.86	J	ug/L		89	35 - 159
cis-1,2-Dichloroethene	10.0	9.01		ug/L		90	76 - 122
cis-1,3-Dichloropropene	10.0	8.66		ug/L		87	80 - 122
Dibromochloromethane	10.0	9.38		ug/L		94	63 - 151
Dibromomethane	10.0	9.00		ug/L		90	80 - 121
Bromodichloromethane	10.0	9.30		ug/L		93	77 - 141
Dichlorodifluoromethane	10.0	9.43		ug/L		94	59 - 139
Ethylbenzene	10.0	9.88		ug/L		99	80 - 120
Isopropylbenzene	10.0	10.1		ug/L		101	80 - 124
m,p-Xylene	20.0	19.6		ug/L		98	80 - 122
Methylene Chloride	10.0	7.46	J	ug/L		75	70 - 120
Methyl-t-Butyl Ether (MTBE)	10.0	6.97	*	ug/L		70	72 - 120
Naphthalene	10.0	8.50	J	ug/L		85	75 - 120
n-Butylbenzene	10.0	10.2		ug/L		102	76 - 124
N-Propylbenzene	10.0	10.4		ug/L		104	80 - 122
o-Xylene	10.0	9.71		ug/L		97	80 - 122
sec-Butylbenzene	10.0	10.4		ug/L		104	75 - 123
Styrene	10.0	9.33		ug/L		93	80 - 121
tert-Butylbenzene	10.0	9.90		ug/L		99	72 - 128
Tetrachloroethene	10.0	10.6		ug/L		106	80 - 128
Toluene	10.0	9.57		ug/L		96	80 - 120
trans-1,2-Dichloroethene	10.0	8.33		ug/L		83	67 - 123
trans-1,3-Dichloropropene	10.0	9.04		ug/L		90	78 - 140
Trichloroethene	10.0	9.96		ug/L		100	80 - 123
Trichlorofluoromethane	10.0	10.7		ug/L		107	64 - 168
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.7		ug/L		107	50 - 120
Vinyl acetate	10.0	8.41	J	ug/L		84	75 - 144
Vinyl chloride	10.0	10.4		ug/L		104	74 - 130
1,2-Dibromoethane (EDB)	10.0	8.96		ug/L		90	80 - 120
2-Butanone (MEK)	10.0	9.12	J	ug/L		91	32 - 133
4-Methyl-2-pentanone (MIBK)	10.0	6.79	J	ug/L		68	68 - 120

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		68 - 135
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	97		80 - 120
4-Bromofluorobenzene (Surr)	98		71 - 120

Lab Sample ID: LCSD 570-184667/4
Matrix: Water
Analysis Batch: 184667

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	10.0	8.70		ug/L		87	66 - 131	15	20
1,1,1,2-Tetrachloroethane	10.0	9.72		ug/L		97	76 - 143	1	20
1,1,1-Trichloroethane	10.0	9.25		ug/L		93	75 - 128	7	20
1,1,2,2-Tetrachloroethane	10.0	9.42		ug/L		94	73 - 126	5	21
1,1,2-Trichloroethane	10.0	10.0		ug/L		100	80 - 120	8	20
1,1-Dichloroethane	10.0	9.06		ug/L		91	76 - 120	1	20
1,1-Dichloroethene	10.0	10.0		ug/L		100	72 - 120	9	20
1,1-Dichloropropene	10.0	9.23		ug/L		92	76 - 120	5	20
1,2,3-Trichlorobenzene	10.0	9.24		ug/L		92	80 - 125	1	22
1,2,4-Trichlorobenzene	10.0	9.29		ug/L		93	80 - 123	1	20
1,2,4-Trimethylbenzene	10.0	8.84		ug/L		88	78 - 125	10	22
1,2-Dibromo-3-Chloropropane	10.0	8.04		ug/L		80	77 - 120	1	21
1,2-Dichlorobenzene	10.0	9.22		ug/L		92	79 - 123	2	20
1,2-Dichloroethane	10.0	9.50		ug/L		95	71 - 137	7	20
1,2-Dichloropropane	10.0	9.45		ug/L		94	80 - 120	3	20
1,3,5-Trimethylbenzene	10.0	9.57		ug/L		96	77 - 133	6	20
1,3-Dichlorobenzene	10.0	8.84		ug/L		88	79 - 123	5	20
1,3-Dichloropropane	10.0	9.33		ug/L		93	80 - 123	7	20
1,4-Dichlorobenzene	10.0	8.80		ug/L		88	75 - 123	7	22
2,2-Dichloropropane	10.0	9.57		ug/L		96	78 - 133	7	20
2-Chlorotoluene	10.0	9.16		ug/L		92	80 - 120	7	20
2-Hexanone	10.0	9.03	J	ug/L		90	57 - 127	15	21
4-Chlorotoluene	10.0	8.71		ug/L		87	78 - 120	7	21
p-Isopropyltoluene	10.0	9.21		ug/L		92	77 - 127	11	21
Acetone	10.0	9.07	J	ug/L		91	57 - 133	14	28
Benzene	10.0	9.26		ug/L		93	80 - 120	1	20
Bromobenzene	10.0	9.38		ug/L		94	80 - 124	0	20
Bromoform	10.0	9.23		ug/L		92	46 - 178	4	23
Bromomethane	10.0	9.19	J	ug/L		92	52 - 162	8	20
Carbon disulfide	10.0	8.56	J	ug/L		86	66 - 125	10	20
Carbon tetrachloride	10.0	8.83		ug/L		88	69 - 145	4	20
Chlorobenzene	10.0	9.41		ug/L		94	80 - 120	2	20
Bromochloromethane	10.0	8.98		ug/L		90	76 - 125	2	20
Chloroethane	10.0	9.30		ug/L		93	73 - 139	10	20
Chloroform	10.0	9.08		ug/L		91	80 - 120	2	20
Chloromethane	10.0	8.27	J	ug/L		83	35 - 159	7	20
cis-1,2-Dichloroethene	10.0	8.79		ug/L		88	76 - 122	3	20
cis-1,3-Dichloropropene	10.0	9.18		ug/L		92	80 - 122	6	20
Dibromochloromethane	10.0	9.99		ug/L		100	63 - 151	6	20
Dibromomethane	10.0	9.69		ug/L		97	80 - 121	7	20
Bromodichloromethane	10.0	9.64		ug/L		96	77 - 141	4	20

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-184667/4
Matrix: Water
Analysis Batch: 184667

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	10.0	8.21		ug/L		82	59 - 139	14	20
Ethylbenzene	10.0	9.24		ug/L		92	80 - 120	7	20
Isopropylbenzene	10.0	9.55		ug/L		95	80 - 124	6	20
m,p-Xylene	20.0	18.4		ug/L		92	80 - 122	6	20
Methylene Chloride	10.0	7.92	J	ug/L		79	70 - 120	6	20
Methyl-t-Butyl Ether (MTBE)	10.0	8.51		ug/L		85	72 - 120	20	20
Naphthalene	10.0	8.96	J	ug/L		90	75 - 120	5	22
n-Butylbenzene	10.0	9.15		ug/L		91	76 - 124	11	23
N-Propylbenzene	10.0	9.72		ug/L		97	80 - 122	6	20
o-Xylene	10.0	9.17		ug/L		92	80 - 122	6	20
sec-Butylbenzene	10.0	9.39		ug/L		94	75 - 123	10	21
Styrene	10.0	9.37		ug/L		94	80 - 121	0	20
tert-Butylbenzene	10.0	8.94		ug/L		89	72 - 128	10	22
Tetrachloroethene	10.0	9.76		ug/L		98	80 - 128	8	20
Toluene	10.0	9.29		ug/L		93	80 - 120	3	20
trans-1,2-Dichloroethene	10.0	8.76		ug/L		88	67 - 123	5	20
trans-1,3-Dichloropropene	10.0	9.65		ug/L		97	78 - 140	7	20
Trichloroethene	10.0	9.86		ug/L		99	80 - 123	1	20
Trichlorofluoromethane	10.0	9.88	J	ug/L		99	64 - 168	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.92	J	ug/L		99	50 - 120	8	20
Vinyl acetate	10.0	8.06	J	ug/L		81	75 - 144	4	25
Vinyl chloride	10.0	9.49		ug/L		95	74 - 130	9	20
1,2-Dibromoethane (EDB)	10.0	9.56		ug/L		96	80 - 120	7	20
2-Butanone (MEK)	10.0	8.63	J	ug/L		86	32 - 133	5	26
4-Methyl-2-pentanone (MIBK)	10.0	8.78	J *1	ug/L		88	68 - 120	26	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	99		68 - 135
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	101		71 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 440-657666/6
Matrix: Water
Analysis Batch: 657666

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/28/21 15:08	1
Sulfate	ND		1.0	0.25	mg/L			09/28/21 15:08	1

Lab Sample ID: LCS 440-657666/5
Matrix: Water
Analysis Batch: 657666

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	5.12		mg/L		102	90 - 110

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 440-657666/5
Matrix: Water
Analysis Batch: 657666

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	5.00	5.04		mg/L		101	90 - 110

Lab Sample ID: 440-289367-2 MS
Matrix: Water
Analysis Batch: 657666

Client Sample ID: MW-10R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	370		1000	1360		mg/L		99	80 - 120
Sulfate	2000		1000	2990		mg/L		100	80 - 120

Lab Sample ID: 440-289367-2 MSD
Matrix: Water
Analysis Batch: 657666

Client Sample ID: MW-10R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	370		1000	1370		mg/L		99	80 - 120	1	20
Sulfate	2000		1000	3000		mg/L		101	80 - 120	0	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 440-657650/1-B
Matrix: Water
Analysis Batch: 657786

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 657738

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Arsenic	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Barium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 12:57	1
Cadmium	ND		0.0010	0.00025	mg/L		09/29/21 08:22	09/29/21 12:57	1
Chromium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Cobalt	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Copper	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Lead	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Molybdenum	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Nickel	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Selenium	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Silver	ND		0.0010	0.00050	mg/L		09/29/21 08:22	09/29/21 12:57	1
Thallium	ND		0.0010	0.00020	mg/L		09/29/21 08:22	09/29/21 12:57	1
Vanadium	ND		0.0010	0.0010	mg/L		09/29/21 08:22	09/29/21 12:57	1
Zinc	0.00400	J	0.020	0.0025	mg/L		09/29/21 08:22	09/29/21 12:57	1

Lab Sample ID: LCS 440-657650/2-B
Matrix: Water
Analysis Batch: 657786

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 657738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0800	0.0816		mg/L		102	80 - 120
Arsenic	0.0800	0.0763		mg/L		95	80 - 120
Barium	0.0800	0.0776		mg/L		97	80 - 120

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

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

Lab Sample ID: LCS 440-657650/2-B
Matrix: Water
Analysis Batch: 657786

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 657738

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.0800	0.0784	^+	mg/L		98	80 - 120
Cadmium	0.0800	0.0771		mg/L		96	80 - 120
Chromium	0.0800	0.0787		mg/L		98	80 - 120
Cobalt	0.0800	0.0753		mg/L		94	80 - 120
Copper	0.0800	0.0779		mg/L		97	80 - 120
Lead	0.0800	0.0767		mg/L		96	80 - 120
Molybdenum	0.0800	0.0790		mg/L		99	80 - 120
Nickel	0.0800	0.0790		mg/L		99	80 - 120
Selenium	0.0800	0.0763		mg/L		95	80 - 120
Silver	0.0800	0.0783		mg/L		98	80 - 120
Thallium	0.0800	0.0773		mg/L		97	80 - 120
Vanadium	0.0800	0.0775		mg/L		97	80 - 120
Zinc	0.0800	0.0726		mg/L		91	80 - 120

Lab Sample ID: 440-289367-2 MS
Matrix: Water
Analysis Batch: 657786

Client Sample ID: MW-10R
Prep Type: Dissolved
Prep Batch: 657738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.0800	0.0832		mg/L		104	75 - 125
Arsenic	0.00065	J	0.0800	0.0781		mg/L		97	75 - 125
Barium	0.026		0.0800	0.104		mg/L		98	75 - 125
Beryllium	ND	^+	0.0800	0.0704	^+	mg/L		88	75 - 125
Cadmium	0.00044	J	0.0800	0.0731		mg/L		91	75 - 125
Chromium	0.0035		0.0800	0.0744		mg/L		89	75 - 125
Cobalt	ND		0.0800	0.0667		mg/L		83	75 - 125
Copper	0.0019		0.0800	0.0679		mg/L		83	75 - 125
Lead	ND		0.0800	0.0681		mg/L		85	75 - 125
Molybdenum	0.0015		0.0800	0.0835		mg/L		102	75 - 125
Nickel	0.0048		0.0800	0.0695		mg/L		81	75 - 125
Selenium	0.0049		0.0800	0.0809		mg/L		95	75 - 125
Silver	ND		0.0800	0.0687		mg/L		86	75 - 125
Thallium	ND		0.0800	0.0709		mg/L		89	75 - 125
Vanadium	0.0086		0.0800	0.0824		mg/L		92	75 - 125
Zinc	0.014	J B	0.0800	0.0749		mg/L		76	75 - 125

Lab Sample ID: 440-289367-2 MSD
Matrix: Water
Analysis Batch: 657786

Client Sample ID: MW-10R
Prep Type: Dissolved
Prep Batch: 657738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND		0.0800	0.0838		mg/L		105	75 - 125	1	20
Arsenic	0.00065	J	0.0800	0.0783		mg/L		97	75 - 125	0	20
Barium	0.026		0.0800	0.105		mg/L		99	75 - 125	1	20
Beryllium	ND	^+	0.0800	0.0713	^+	mg/L		89	75 - 125	1	20
Cadmium	0.00044	J	0.0800	0.0733		mg/L		91	75 - 125	0	20
Chromium	0.0035		0.0800	0.0751		mg/L		90	75 - 125	1	20
Cobalt	ND		0.0800	0.0666		mg/L		83	75 - 125	0	20
Copper	0.0019		0.0800	0.0672		mg/L		82	75 - 125	1	20

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

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

Lab Sample ID: 440-289367-2 MSD
 Matrix: Water
 Analysis Batch: 657786

Client Sample ID: MW-10R
 Prep Type: Dissolved
 Prep Batch: 657738

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Lead	ND		0.0800	0.0690		mg/L		86	75 - 125	1	20	
Molybdenum	0.0015		0.0800	0.0852		mg/L		105	75 - 125	2	20	
Nickel	0.0048		0.0800	0.0697		mg/L		81	75 - 125	0	20	
Selenium	0.0049		0.0800	0.0814		mg/L		96	75 - 125	1	20	
Silver	ND		0.0800	0.0691		mg/L		86	75 - 125	1	20	
Thallium	ND		0.0800	0.0710		mg/L		89	75 - 125	0	20	
Vanadium	0.0086		0.0800	0.0829		mg/L		93	75 - 125	1	20	
Zinc	0.014	J B	0.0800	0.0747		mg/L		76	75 - 125	0	20	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 440-657650/1-C
 Matrix: Water
 Analysis Batch: 658243

Client Sample ID: Method Blank
 Prep Type: Dissolved
 Prep Batch: 658193

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00075	0.00010	mg/L		10/06/21 10:43	10/06/21 16:17	1

Lab Sample ID: LCS 440-657650/2-C
 Matrix: Water
 Analysis Batch: 658243

Client Sample ID: Lab Control Sample
 Prep Type: Dissolved
 Prep Batch: 658193

Analyte	Spike	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Mercury	0.00600	0.00581		mg/L		97	80 - 120

Lab Sample ID: 440-289367-2 MS
 Matrix: Water
 Analysis Batch: 658243

Client Sample ID: MW-10R
 Prep Type: Dissolved
 Prep Batch: 658193

Analyte	Sample	Sample	Spike	MS MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier		Result	Qualifier				Limits	RPD
Mercury	0.00012	J	0.00600	0.00573		mg/L		94	75 - 125	

Lab Sample ID: 440-289367-2 MSD
 Matrix: Water
 Analysis Batch: 658243

Client Sample ID: MW-10R
 Prep Type: Dissolved
 Prep Batch: 658193

Analyte	Sample	Sample	Spike	MSD MSD		Unit	D	%Rec	%Rec.		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
Mercury	0.00012	J	0.00600	0.00548		mg/L		89	75 - 125	5	20	

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

Lab Sample ID: MB 440-657743/1
 Matrix: Water
 Analysis Batch: 657743

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	ND		10	5.0	mg/L			09/29/21 09:27	1

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

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

Lab Sample ID: LCS 440-657743/2
Matrix: Water
Analysis Batch: 657743

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	1000	948		mg/L		95	90 - 110

Lab Sample ID: 440-289367-2 DU
Matrix: Water
Analysis Batch: 657743

Client Sample ID: MW-10R
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	4200		4290		mg/L		3	5

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- 2
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- 14
- 15

QC Association Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

GC/MS VOA

Analysis Batch: 184648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289367-2	MW-10R	Total/NA	Water	8260B	
MB 570-184648/6	Method Blank	Total/NA	Water	8260B	
LCS 570-184648/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-184648/4	Lab Control Sample Dup	Total/NA	Water	8260B	
440-289367-2 MS	MW-10R	Total/NA	Water	8260B	
440-289367-2 MSD	MW-10R	Total/NA	Water	8260B	

Analysis Batch: 184667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289367-1	TB-092721-1	Total/NA	Water	8260B	
440-289367-3	MW-27D	Total/NA	Water	8260B	
440-289367-4	EB-092721-1	Total/NA	Water	8260B	
440-289367-5	MW-23D	Total/NA	Water	8260B	
440-289367-6	TB-092721-2	Total/NA	Water	8260B	
440-289367-7	FB-092721-2	Total/NA	Water	8260B	
440-289367-8	CB-3	Total/NA	Water	8260B	
440-289367-9	CB-2	Total/NA	Water	8260B	
440-289367-10	CB-6	Total/NA	Water	8260B	
440-289367-11	MW-6R	Total/NA	Water	8260B	
440-289367-12	EB-092721-2	Total/NA	Water	8260B	
MB 570-184667/6	Method Blank	Total/NA	Water	8260B	
LCS 570-184667/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-184667/4	Lab Control Sample Dup	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 657666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289367-2	MW-10R	Total/NA	Water	300.0	
440-289367-3	MW-27D	Total/NA	Water	300.0	
440-289367-4	EB-092721-1	Total/NA	Water	300.0	
440-289367-5	MW-23D	Total/NA	Water	300.0	
440-289367-7	FB-092721-2	Total/NA	Water	300.0	
440-289367-8	CB-3	Total/NA	Water	300.0	
440-289367-12	EB-092721-2	Total/NA	Water	300.0	
MB 440-657666/6	Method Blank	Total/NA	Water	300.0	
LCS 440-657666/5	Lab Control Sample	Total/NA	Water	300.0	
440-289367-2 MS	MW-10R	Total/NA	Water	300.0	
440-289367-2 MSD	MW-10R	Total/NA	Water	300.0	

Metals

Filtration Batch: 657650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289367-2	MW-10R	Dissolved	Water	FILTRATION	
440-289367-3	MW-27D	Dissolved	Water	FILTRATION	
440-289367-4	EB-092721-1	Dissolved	Water	FILTRATION	
440-289367-5	MW-23D	Dissolved	Water	FILTRATION	
440-289367-7	FB-092721-2	Dissolved	Water	FILTRATION	
440-289367-8	CB-3	Dissolved	Water	FILTRATION	
440-289367-12	EB-092721-2	Dissolved	Water	FILTRATION	
MB 440-657650/1-B	Method Blank	Dissolved	Water	FILTRATION	

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QC Association Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Metals (Continued)

Filtration Batch: 657650 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 440-657650/1-C	Method Blank	Dissolved	Water	FILTRATION	
LCS 440-657650/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCS 440-657650/2-C	Lab Control Sample	Dissolved	Water	FILTRATION	
440-289367-2 MS	MW-10R	Dissolved	Water	FILTRATION	
440-289367-2 MSD	MW-10R	Dissolved	Water	FILTRATION	

Prep Batch: 657738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289367-2	MW-10R	Dissolved	Water	3005A	657650
440-289367-3	MW-27D	Dissolved	Water	3005A	657650
440-289367-4	EB-092721-1	Dissolved	Water	3005A	657650
440-289367-5	MW-23D	Dissolved	Water	3005A	657650
440-289367-7	FB-092721-2	Dissolved	Water	3005A	657650
440-289367-8	CB-3	Dissolved	Water	3005A	657650
440-289367-12	EB-092721-2	Dissolved	Water	3005A	657650
MB 440-657650/1-B	Method Blank	Dissolved	Water	3005A	657650
LCS 440-657650/2-B	Lab Control Sample	Dissolved	Water	3005A	657650
440-289367-2 MS	MW-10R	Dissolved	Water	3005A	657650
440-289367-2 MSD	MW-10R	Dissolved	Water	3005A	657650

Analysis Batch: 657786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289367-2	MW-10R	Dissolved	Water	6020	657738
440-289367-3	MW-27D	Dissolved	Water	6020	657738
440-289367-4	EB-092721-1	Dissolved	Water	6020	657738
440-289367-5	MW-23D	Dissolved	Water	6020	657738
440-289367-7	FB-092721-2	Dissolved	Water	6020	657738
440-289367-8	CB-3	Dissolved	Water	6020	657738
440-289367-12	EB-092721-2	Dissolved	Water	6020	657738
MB 440-657650/1-B	Method Blank	Dissolved	Water	6020	657738
LCS 440-657650/2-B	Lab Control Sample	Dissolved	Water	6020	657738
440-289367-2 MS	MW-10R	Dissolved	Water	6020	657738
440-289367-2 MSD	MW-10R	Dissolved	Water	6020	657738

Prep Batch: 658193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289367-2	MW-10R	Dissolved	Water	7470A	657650
440-289367-3	MW-27D	Dissolved	Water	7470A	657650
440-289367-4	EB-092721-1	Dissolved	Water	7470A	657650
440-289367-5	MW-23D	Dissolved	Water	7470A	657650
440-289367-7	FB-092721-2	Dissolved	Water	7470A	657650
440-289367-8	CB-3	Dissolved	Water	7470A	657650
440-289367-12	EB-092721-2	Dissolved	Water	7470A	657650
MB 440-657650/1-C	Method Blank	Dissolved	Water	7470A	657650
LCS 440-657650/2-C	Lab Control Sample	Dissolved	Water	7470A	657650
440-289367-2 MS	MW-10R	Dissolved	Water	7470A	657650
440-289367-2 MSD	MW-10R	Dissolved	Water	7470A	657650

Analysis Batch: 658243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289367-2	MW-10R	Dissolved	Water	7470A	658193

QC Association Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Metals (Continued)

Analysis Batch: 658243 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289367-3	MW-27D	Dissolved	Water	7470A	658193
440-289367-4	EB-092721-1	Dissolved	Water	7470A	658193
440-289367-5	MW-23D	Dissolved	Water	7470A	658193
440-289367-7	FB-092721-2	Dissolved	Water	7470A	658193
440-289367-8	CB-3	Dissolved	Water	7470A	658193
440-289367-12	EB-092721-2	Dissolved	Water	7470A	658193
MB 440-657650/1-C	Method Blank	Dissolved	Water	7470A	658193
LCS 440-657650/2-C	Lab Control Sample	Dissolved	Water	7470A	658193
440-289367-2 MS	MW-10R	Dissolved	Water	7470A	658193
440-289367-2 MSD	MW-10R	Dissolved	Water	7470A	658193

General Chemistry

Analysis Batch: 657743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289367-2	MW-10R	Total/NA	Water	SM 2540C	
440-289367-3	MW-27D	Total/NA	Water	SM 2540C	
440-289367-4	EB-092721-1	Total/NA	Water	SM 2540C	
440-289367-5	MW-23D	Total/NA	Water	SM 2540C	
440-289367-7	FB-092721-2	Total/NA	Water	SM 2540C	
440-289367-8	CB-3	Total/NA	Water	SM 2540C	
440-289367-12	EB-092721-2	Total/NA	Water	SM 2540C	
MB 440-657743/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 440-657743/2	Lab Control Sample	Total/NA	Water	SM 2540C	
440-289367-2 DU	MW-10R	Total/NA	Water	SM 2540C	

Definitions/Glossary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289367-1

Laboratory: Eurofins Calscience Irvine

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

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-22
Oregon	NELAP	4028 - 011	01-29-22

Laboratory: Eurofins Calscience LLC

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

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22
Oregon	NELAP	CA300001	01-30-22

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- 14
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LAB TEST AMERICA
Irvine, CA

CHAIN-OF-CUSTODY RECORD

DATE 9/27/21

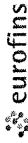
PAGE 1 OF 2

NO. NO. / LAB. USE ONLY

LABORATORY CLIENT: Exide Technologies / DUDEK		CLIENT PROJECT NAME / NO. Exide Technologies / 1363		P.O. NO. 13743												
ADDRESS: 605 3rd Street		PROJECT CONTACT: Nicole Peacock		Sampler(s): (Signature) 												
CITY: Encinitas	STATE: CA	ZIP: 92024	LOG CODE:	SAMPLER(S): (PRINT) Ben Street												
TEL: 760-479-4152	E-MAIL: Npeacock@Dudek.com	REQUESTED ANALYSES Please check box or fill in blank as needed														
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD <input type="checkbox"/> COELT EDF <input type="checkbox"/> OTHER																
SPECIAL INSTRUCTIONS: -Level 2 Reporting -Report all with "J flags" (down to MDL) -Results to Nicole Peacock -Invoice Dudek Samples are <u>not</u> field filtered																
LAB USE ONLY	SAMPLE ID	SAMPLING		NO. OF CONT	MATRIX	UNPRESERVED	PRESERVED	FIELD FILTERED	VOCS EPA 8260B (samples have HCl preservative)	Dissolved Metals (T22) EPA 6020/7470A (lab filtered)	Sulfate and Chloride EPA 300	TDS SM 2540C	Dissolved gases (methane, ethane, ethene) RSK 175	Ferrous Iron SM 3500 Fe B	Nitrate EPA 300	
		DATE	TIME													
	70-097721	9/27/21	0700	2	W		2		X	X	X	X				
	MW-10R		1347	10			6		X	X	X	X				9/27/21 a
	MW-230		1430	5			3		X	X	X	X				
	EP 092721		1500	5			3		X	X	X	X				
	MW-13D		1530	5			3		X	X	X	X				
440-289367 Chain of Custody																
Relinquished by (Signature)																
Relinquished by (Signature)																
Relinquished by (Signature)																
Received by (Signature/Affiliation) DUDEK																
Received by (Signature/Affiliation) FC-IR																
Received by (Signature/Affiliation) Ogelmelco / EOLU																
Date: 9/27/21 Time: 15:40 Date: 9/27/21 Time: 15:40 Date: 9/27/21 Time: 1648																



Chain of Custody Record



Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact:		Phone:	Roberts, Danielle C		440-173843 2
Shipping/Receiving		E-Mail:	Danielle.Roberts@Eurofins.com	State of Origin:	Page 2 of 2
Company:		Eurofins Calscience LLC		Job #:	440-289367-1
Address:		7440 Lincoln Way		Preservation Codes	
City:		Garden Grove		A HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH G Amchlor H Ascorbic Acid I Ice J DI Water K EDTA L EDA Other:	
State/Zip:		CA, 92841		M Hexane N None O AsNaO2 P Na2O4S Q Na2SO3 R Na2SO3 S H2SO4 T TSP Dodecalhydrate U Acetone V MCAA W pH 4-5 Z other (specify)	
Phone:		714-895-5494(Tel) 714-894-7501(Fax)			
Email:					
Project #:		44025499			
Site:					
Due Date Requested:		10/8/2021			
TAT Requested (days):					
Sample Date		Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Other)	Preservation Code
9/27/21	14 12 Pacific	Water	Water		
9/27/21	14 40 Pacific	Water	Water		
9/27/21	15 20 Pacific	Water	Water		
9/27/21	15 00 Pacific	Water	Water		
9/27/21	15 35 Pacific	Water	Water		
Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers	
X		X		3	
X		X		3	
X		X		3	
X		X		3	
X		X		3	
Special Instructions/Note					
<p>Note: Since laboratory accreditations are subject to change Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.</p>					
Possible Hazard Identification					
Unconfirmed					
Deliverable Requested I, II, III, IV, Other (specify)					
Primary Deliverable Rank 2					
Empty Kit Relinquished by:					
Relinquished by:		Date/Time:	Company:	Method of Shipment:	
[Signature]		9/29/21 10:25	Ferris	Return To Client	
Relinquished by:		Date/Time:	Company:	Disposal By Lab	
Relinquished by:		Date/Time:	Company:	Archive For	
Custody Seals Intact:		Cooler Temperature(s) °C and Other Remarks		Special Instructions/QC Requirements	
Δ Yes Δ No		N/A		Months	
Custody Seal No		2.8 / 2.4 SEC		Date/Time: 9/28/21 10:25	
				Date/Time:	
				Date/Time:	



Login Sample Receipt Checklist

Client: Dudek & Associates

Job Number: 440-289367-1

Login Number: 289367

List Source: Eurofins Calscience Irvine

List Number: 1

Creator: Escalante, Maria I

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Dudek & Associates

Job Number: 440-289367-1

Login Number: 289367

List Number: 2

Creator: Ortiz-Luis, Michael

List Source: Eurofins Calscience LLC

List Creation: 09/28/21 03:50 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022


Laboratory Job ID: 440-289412-1

Client Project/Site: Exide Technologies / 1363

For:

Dudek & Associates
605 3rd Street
Encinitas, California 92024

Attn: Nicole Peacock



Authorized for release by:
10/11/2021 4:30:59 PM

Danielle Roberts, Senior Project Manager
(949)260-3249

Danielle.Roberts@Eurofinset.com

LINKS

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results through
TotalAccess

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-289412-1	TB-092821-1	Water	09/28/21 07:00	09/28/21 17:45
440-289412-2	MW-12	Water	09/28/21 08:36	09/28/21 17:45
440-289412-3	SS-1	Water	09/28/21 08:46	09/28/21 17:45
440-289412-4	MW-30	Water	09/28/21 10:55	09/28/21 17:45
440-289412-5	CB-1	Water	09/28/21 11:30	09/28/21 17:45
440-289412-6	MW-13	Water	09/28/21 12:56	09/28/21 17:45
440-289412-7	MW-8	Water	09/28/21 14:27	09/28/21 17:45
440-289412-8	EB-092821-1	Water	09/28/21 14:40	09/28/21 17:45
440-289412-9	TB-092821-2	Water	09/28/21 08:00	09/28/21 17:45
440-289412-10	MW-26D	Water	09/28/21 08:34	09/28/21 17:45
440-289412-11	MW-1D	Water	09/28/21 10:04	09/28/21 17:45
440-289412-12	MW-16	Water	09/28/21 12:15	09/28/21 17:45
440-289412-13	FB-092821-2	Water	09/28/21 12:30	09/28/21 17:45
440-289412-14	SS-2	Water	09/28/21 13:35	09/28/21 17:45
440-289412-15	MW-11D	Water	09/28/21 14:03	09/28/21 17:45
440-289412-16	EB-092821-2	Water	09/28/21 14:40	09/28/21 17:45

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Case Narrative

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Job ID: 440-289412-1

Laboratory: Eurofins Calscience Irvine

Narrative

Job Narrative 440-289412-1

Comments

No additional comments.

Receipt

The samples were received on 9/28/2021 5:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.4° C and 0.8° C.

GC/MS VOA

Method 8260B: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 570-184963: Vinyl acetate. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

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

HPLC/IC

Method 300.0: The following sample was diluted due to the nature of the sample matrix: MW-1D (440-289412-11). Elevated reporting limits (RLs) are provided.

Method 300.0: The following sample was diluted due to the nature of the sample matrix: SS-2 (440-289412-14). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted due to the nature of the sample matrix: MW-12 (440-289412-2), SS-1 (440-289412-3), MW-30 (440-289412-4), SS-2 (440-289412-14) and MW-11D (440-289412-15). Elevated reporting limits (RLs) are provided.

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

Air Toxics

Method RSK-175: Ambient laboratory temperature was outside of 20 - 25 °C at the time of analysis for samples associated with batch analytical batch 570-184057 .
(MB 570-184057/4)

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

Metals

Method 6020: The following samples were diluted due to the nature of the sample matrix: MW-13 (440-289412-6) and MW-8 (440-289412-7). Elevated reporting limits (RLs) are provided.

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

General Chemistry

Method SM 3500 Fe B: All the dilutions failed to deplete the method-required 2 mgO₂/L for the following samples: MW-26D (440-289412-10), MW-26D (440-289412-10[DU]), FB-092821-2 (440-289412-13), SS-2 (440-289412-14), MW-11D (440-289412-15) and EB-092821-2 (440-289412-16). Only a "less than" result could be calculated from the least dilute preparation.

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

VOA Prep

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

Detection Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: TB-092821-1

Lab Sample ID: 440-289412-1

No Detections.

Client Sample ID: MW-12

Lab Sample ID: 440-289412-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.54	J	1.0	0.29	ug/L	1		8260B	Total/NA
Chloride	130		100	25	mg/L	100		300.0	Total/NA
Sulfate	1100		100	25	mg/L	100		300.0	Total/NA
Barium	0.0046		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0044		0.0010	0.00050	mg/L	1		6020	Dissolved
Cobalt	0.0030		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.00050	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.0015		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.022		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0028		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.0032	J	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	2100		20	10	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SS-1

Lab Sample ID: 440-289412-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.65	J	1.0	0.29	ug/L	1		8260B	Total/NA
Chloride	130		100	25	mg/L	100		300.0	Total/NA
Sulfate	1100		100	25	mg/L	100		300.0	Total/NA
Barium	0.0043		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0042		0.0010	0.00050	mg/L	1		6020	Dissolved
Cobalt	0.0029		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.0013		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.021		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0028		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.0030	J	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	2100		20	10	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-30

Lab Sample ID: 440-289412-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.52	J	1.0	0.29	ug/L	1		8260B	Total/NA
Chloride	1200		200	50	mg/L	200		300.0	Total/NA
Sulfate	140		10	2.5	mg/L	10		300.0	Total/NA
Arsenic	0.0012		0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.084		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0053		0.0010	0.00050	mg/L	1		6020	Dissolved
Copper	0.00061	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Lead	0.0016		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0028		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.0032		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.016		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0022		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.0050	J	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	3500		100	50	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Detection Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: CB-1

Lab Sample ID: 440-289412-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.7	J	20	4.0	ug/L	1		8260B	Total/NA
Tetrachloroethene	7.7		1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: MW-13

Lab Sample ID: 440-289412-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.30	ug/L	1		8260B	Total/NA
Trichloroethene	0.65	J	1.0	0.29	ug/L	1		8260B	Total/NA
Chloride	250		50	13	mg/L	50		300.0	Total/NA
Sulfate	4600		500	130	mg/L	500		300.0	Total/NA
Arsenic	0.0057		0.0050	0.0025	mg/L	5		6020	Dissolved
Barium	0.0063		0.0050	0.0025	mg/L	5		6020	Dissolved
Beryllium	0.016		0.0050	0.0013	mg/L	5		6020	Dissolved
Cadmium	0.16		0.0050	0.0013	mg/L	5		6020	Dissolved
Chromium	0.0028	J	0.0050	0.0025	mg/L	5		6020	Dissolved
Cobalt	0.38		0.0050	0.0025	mg/L	5		6020	Dissolved
Copper	0.56		0.0050	0.0025	mg/L	5		6020	Dissolved
Lead	0.017		0.0050	0.0025	mg/L	5		6020	Dissolved
Nickel	0.99		0.0050	0.0025	mg/L	5		6020	Dissolved
Selenium	0.051		0.0050	0.0025	mg/L	5		6020	Dissolved
Vanadium	0.15		0.0050	0.0050	mg/L	5		6020	Dissolved
Zinc	18		0.10	0.013	mg/L	5		6020	Dissolved
Total Dissolved Solids	5600		100	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-8

Lab Sample ID: 440-289412-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.62		0.50	0.27	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.2		1.0	0.30	ug/L	1		8260B	Total/NA
Naphthalene	1.4	J	10	0.32	ug/L	1		8260B	Total/NA
Trichloroethene	2.0		1.0	0.29	ug/L	1		8260B	Total/NA
Chloride	330		100	25	mg/L	100		300.0	Total/NA
Sulfate	5000		500	130	mg/L	500		300.0	Total/NA
Arsenic	0.0061		0.0050	0.0025	mg/L	5		6020	Dissolved
Barium	0.0026	J	0.0050	0.0025	mg/L	5		6020	Dissolved
Beryllium	0.023		0.0050	0.0013	mg/L	5		6020	Dissolved
Cadmium	0.13		0.0050	0.0013	mg/L	5		6020	Dissolved
Cobalt	0.36		0.0050	0.0025	mg/L	5		6020	Dissolved
Copper	0.54		0.0050	0.0025	mg/L	5		6020	Dissolved
Nickel	1.1		0.0050	0.0025	mg/L	5		6020	Dissolved
Selenium	0.046		0.0050	0.0025	mg/L	5		6020	Dissolved
Vanadium	0.085		0.0050	0.0050	mg/L	5		6020	Dissolved
Zinc	17		0.10	0.013	mg/L	5		6020	Dissolved
Total Dissolved Solids	7200		100	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-092821-1

Lab Sample ID: 440-289412-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.00057	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Zinc	0.0047	J	0.020	0.0025	mg/L	1		6020	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Detection Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: TB-092821-2

Lab Sample ID: 440-289412-9

No Detections.

Client Sample ID: MW-26D

Lab Sample ID: 440-289412-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	1.5		1.0	0.39	ug/L	1		8260B	Total/NA
Carbon tetrachloride	1.9		0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	2.4		1.0	0.28	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.36	J	1.0	0.30	ug/L	1		8260B	Total/NA
Tetrachloroethene	6.5		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	28		1.0	0.29	ug/L	1		8260B	Total/NA
Chloride - DL	190		50	13	mg/L	50		300.0	Total/NA
Nitrate as N - DL	21		5.5	2.8	mg/L	50		300.0	Total/NA
Sulfate - DL	170		50	13	mg/L	50		300.0	Total/NA
Arsenic	0.00051	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.062		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0058		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0046		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0057		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0036		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.0027	J	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	1000		10	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-1D

Lab Sample ID: 440-289412-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	640		100	25	mg/L	100		300.0	Total/NA
Sulfate	910		100	25	mg/L	100		300.0	Total/NA
Arsenic	0.0011		0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.033		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0022		0.0010	0.00050	mg/L	1		6020	Dissolved
Copper	0.0011		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0033		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.0030		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0020		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0020		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.012	J	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	2800		20	10	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-16

Lab Sample ID: 440-289412-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.5	J	20	4.0	ug/L	1		8260B	Total/NA
Benzene	0.29	J	0.50	0.27	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.1		1.0	0.30	ug/L	1		8260B	Total/NA
Trichloroethene	0.97	J	1.0	0.29	ug/L	1		8260B	Total/NA
Chloride	310		20	5.0	mg/L	20		300.0	Total/NA
Sulfate - DL	4300		500	130	mg/L	500		300.0	Total/NA
Antimony	0.00063	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Arsenic	0.0090		0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.0037		0.0010	0.00050	mg/L	1		6020	Dissolved
Beryllium	0.018		0.0010	0.00025	mg/L	1		6020	Dissolved
Cadmium	0.20		0.0010	0.00025	mg/L	1		6020	Dissolved
Chromium	0.018		0.0010	0.00050	mg/L	1		6020	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Detection Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-16 (Continued)

Lab Sample ID: 440-289412-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	0.50		0.0010	0.00050	mg/L	1		6020	Dissolved
Copper	0.32		0.0010	0.00050	mg/L	1		6020	Dissolved
Lead	0.017		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.92		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.044		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0041		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	23		0.20	0.025	mg/L	10		6020	Dissolved
Mercury	0.00033	J	0.00075	0.00010	mg/L	1		7470A	Dissolved
Total Dissolved Solids	6600		100	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-092821-2

Lab Sample ID: 440-289412-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	0.18	J	1.0	0.078	ug/L	1		RSK-175	Total/NA
Copper	0.00061	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Zinc	0.0095	J	0.020	0.0025	mg/L	1		6020	Dissolved

Client Sample ID: SS-2

Lab Sample ID: 440-289412-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.90	J	1.0	0.39	ug/L	1		8260B	Total/NA
Carbon tetrachloride	1.8		0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	2.9		1.0	0.28	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.37	J	1.0	0.30	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.6		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	47		1.0	0.29	ug/L	1		8260B	Total/NA
Chloride	240		20	5.0	mg/L	20		300.0	Total/NA
Nitrate as N	19		2.2	1.1	mg/L	20		300.0	Total/NA
Sulfate	920		100	25	mg/L	100		300.0	Total/NA
Barium	0.020		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0058		0.0010	0.00050	mg/L	1		6020	Dissolved
Lead	0.0043		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0044		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.00081	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0085		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0032		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.0072	J	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	2200		20	10	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-11D

Lab Sample ID: 440-289412-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.87	J	1.0	0.39	ug/L	1		8260B	Total/NA
Carbon tetrachloride	1.7		0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	2.8		1.0	0.28	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.37	J	1.0	0.30	ug/L	1		8260B	Total/NA
Tetrachloroethene	4.3		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	46		1.0	0.29	ug/L	1		8260B	Total/NA
Methane	0.079	J	1.0	0.078	ug/L	1		RSK-175	Total/NA
Chloride	250		20	5.0	mg/L	20		300.0	Total/NA
Nitrate as N	20		2.2	1.1	mg/L	20		300.0	Total/NA
Sulfate	930		100	25	mg/L	100		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Detection Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-11D (Continued)

Lab Sample ID: 440-289412-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00056	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.020		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0056		0.0010	0.00050	mg/L	1		6020	Dissolved
Lead	0.0043		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0044		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.00072	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0081		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0037		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.0069	J	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	2200		20	10	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-092821-2

Lab Sample ID: 440-289412-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	0.079	J	1.0	0.078	ug/L	1		RSK-175	Total/NA
Selenium	0.00055	J	0.0010	0.00050	mg/L	1		6020	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: TB-092821-1

Lab Sample ID: 440-289412-1

Date Collected: 09/28/21 07:00

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 11:30	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 11:30	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 11:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 11:30	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 11:30	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 11:30	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 11:30	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 11:30	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 11:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 11:30	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 11:30	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 11:30	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 11:30	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 11:30	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 11:30	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 11:30	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 11:30	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 11:30	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 11:30	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 11:30	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 11:30	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 11:30	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 11:30	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 11:30	1
Acetone	ND		20	4.0	ug/L			10/08/21 11:30	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 11:30	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 11:30	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 11:30	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 11:30	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 11:30	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 11:30	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 11:30	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 11:30	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 11:30	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 11:30	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 11:30	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 11:30	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 11:30	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 11:30	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 11:30	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 11:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 11:30	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 11:30	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 11:30	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 11:30	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 11:30	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 11:30	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 11:30	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 11:30	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: TB-092821-1

Lab Sample ID: 440-289412-1

Date Collected: 09/28/21 07:00

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 11:30	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 11:30	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 11:30	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 11:30	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 11:30	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 11:30	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 11:30	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 11:30	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 11:30	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 11:30	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 11:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 11:30	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 11:30	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 11:30	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 11:30	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 11:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 11:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	81		68 - 135		10/08/21 11:30	1
Toluene-d8 (Surr)	98		80 - 120		10/08/21 11:30	1
Dibromofluoromethane (Surr)	87		80 - 120		10/08/21 11:30	1
4-Bromofluorobenzene (Surr)	92		71 - 120		10/08/21 11:30	1

Client Sample ID: MW-12

Lab Sample ID: 440-289412-2

Date Collected: 09/28/21 08:36

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 13:45	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 13:45	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 13:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 13:45	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 13:45	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 13:45	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 13:45	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 13:45	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 13:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 13:45	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 13:45	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 13:45	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 13:45	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 13:45	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 13:45	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 13:45	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 13:45	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 13:45	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 13:45	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 13:45	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-12

Lab Sample ID: 440-289412-2

Date Collected: 09/28/21 08:36

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 13:45	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 13:45	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 13:45	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 13:45	1
Acetone	ND		20	4.0	ug/L			10/08/21 13:45	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 13:45	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 13:45	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 13:45	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 13:45	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 13:45	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 13:45	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 13:45	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 13:45	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 13:45	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 13:45	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 13:45	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 13:45	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 13:45	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 13:45	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 13:45	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 13:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 13:45	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 13:45	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 13:45	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 13:45	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 13:45	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 13:45	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 13:45	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 13:45	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 13:45	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 13:45	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 13:45	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 13:45	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 13:45	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 13:45	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 13:45	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 13:45	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 13:45	1
Trichloroethene	0.54	J	1.0	0.29	ug/L			10/08/21 13:45	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 13:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 13:45	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 13:45	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 13:45	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 13:45	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 13:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		68 - 135		10/08/21 13:45	1
Toluene-d8 (Surr)	97		80 - 120		10/08/21 13:45	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-12

Lab Sample ID: 440-289412-2

Date Collected: 09/28/21 08:36

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	96		80 - 120		10/08/21 13:45	1
4-Bromofluorobenzene (Surr)	94		71 - 120		10/08/21 13:45	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		100	25	mg/L			09/29/21 04:42	100
Sulfate	1100		100	25	mg/L			09/29/21 04:42	100

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Arsenic	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Barium	0.0046		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:18	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:18	1
Chromium	0.0044		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Cobalt	0.0030		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Copper	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Lead	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Molybdenum	0.00050	J	0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Nickel	0.0015		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Selenium	0.022		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:18	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 16:18	1
Vanadium	0.0028		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 16:18	1
Zinc	0.0032	J	0.020	0.0025	mg/L		09/30/21 10:59	09/30/21 16:18	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2100		20	10	mg/L			10/01/21 09:43	1

Client Sample ID: SS-1

Lab Sample ID: 440-289412-3

Date Collected: 09/28/21 08:46

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 14:11	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 14:11	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 14:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 14:11	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 14:11	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 14:11	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 14:11	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 14:11	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 14:11	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: SS-1

Lab Sample ID: 440-289412-3

Date Collected: 09/28/21 08:46

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 14:11	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 14:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 14:11	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 14:11	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 14:11	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 14:11	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 14:11	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 14:11	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 14:11	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 14:11	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 14:11	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 14:11	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 14:11	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 14:11	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 14:11	1
Acetone	ND		20	4.0	ug/L			10/08/21 14:11	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 14:11	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 14:11	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 14:11	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 14:11	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 14:11	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 14:11	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 14:11	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 14:11	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 14:11	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 14:11	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 14:11	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 14:11	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 14:11	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 14:11	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 14:11	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 14:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 14:11	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 14:11	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 14:11	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 14:11	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 14:11	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 14:11	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 14:11	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 14:11	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 14:11	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 14:11	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 14:11	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 14:11	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 14:11	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 14:11	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 14:11	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 14:11	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 14:11	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: SS-1

Lab Sample ID: 440-289412-3

Date Collected: 09/28/21 08:46

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.65	J	1.0	0.29	ug/L			10/08/21 14:11	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 14:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 14:11	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 14:11	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 14:11	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 14:11	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 14:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		68 - 135		10/08/21 14:11	1
Toluene-d8 (Surr)	96		80 - 120		10/08/21 14:11	1
Dibromofluoromethane (Surr)	95		80 - 120		10/08/21 14:11	1
4-Bromofluorobenzene (Surr)	92		71 - 120		10/08/21 14:11	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		100	25	mg/L			09/29/21 05:18	100
Sulfate	1100		100	25	mg/L			09/29/21 05:18	100

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Arsenic	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Barium	0.0043		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:20	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:20	1
Chromium	0.0042		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Cobalt	0.0029		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Copper	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Lead	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Molybdenum	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Nickel	0.0013		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Selenium	0.021		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:20	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 16:20	1
Vanadium	0.0028		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 16:20	1
Zinc	0.0030	J	0.020	0.0025	mg/L		09/30/21 10:59	09/30/21 16:20	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 15:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2100		20	10	mg/L			10/01/21 09:43	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-30

Lab Sample ID: 440-289412-4

Date Collected: 09/28/21 10:55

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 14:37	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 14:37	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 14:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 14:37	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 14:37	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 14:37	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 14:37	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 14:37	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 14:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 14:37	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 14:37	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 14:37	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 14:37	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 14:37	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 14:37	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 14:37	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 14:37	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 14:37	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 14:37	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 14:37	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 14:37	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 14:37	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 14:37	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 14:37	1
Acetone	ND		20	4.0	ug/L			10/08/21 14:37	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 14:37	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 14:37	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 14:37	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 14:37	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 14:37	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 14:37	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 14:37	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 14:37	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 14:37	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 14:37	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 14:37	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 14:37	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 14:37	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 14:37	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 14:37	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 14:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 14:37	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 14:37	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 14:37	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 14:37	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 14:37	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 14:37	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 14:37	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 14:37	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-30

Lab Sample ID: 440-289412-4

Date Collected: 09/28/21 10:55

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 14:37	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 14:37	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 14:37	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 14:37	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 14:37	1
Tetrachloroethene	0.52	J	1.0	0.29	ug/L			10/08/21 14:37	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 14:37	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 14:37	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 14:37	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 14:37	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 14:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 14:37	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 14:37	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 14:37	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 14:37	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 14:37	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		68 - 135		10/08/21 14:37	1
Toluene-d8 (Surr)	101		80 - 120		10/08/21 14:37	1
Dibromofluoromethane (Surr)	94		80 - 120		10/08/21 14:37	1
4-Bromofluorobenzene (Surr)	93		71 - 120		10/08/21 14:37	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		200	50	mg/L			09/29/21 05:54	200
Sulfate	140		10	2.5	mg/L			09/29/21 05:36	10

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Arsenic	0.0012		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Barium	0.084		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:22	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:22	1
Chromium	0.0053		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Cobalt	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Copper	0.00061	J	0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Lead	0.0016		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Molybdenum	0.0028		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Nickel	0.0032		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Selenium	0.016		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:22	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 16:22	1
Vanadium	0.0022		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 16:22	1
Zinc	0.0050	J	0.020	0.0025	mg/L		09/30/21 10:59	09/30/21 16:22	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-30

Lab Sample ID: 440-289412-4

Date Collected: 09/28/21 10:55

Matrix: Water

Date Received: 09/28/21 17:45

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 15:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3500		100	50	mg/L			10/01/21 09:43	1

Client Sample ID: CB-1

Lab Sample ID: 440-289412-5

Date Collected: 09/28/21 11:30

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 15:03	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 15:03	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 15:03	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 15:03	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 15:03	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 15:03	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 15:03	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 15:03	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 15:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 15:03	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 15:03	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 15:03	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 15:03	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 15:03	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 15:03	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 15:03	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 15:03	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 15:03	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 15:03	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 15:03	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 15:03	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 15:03	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 15:03	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 15:03	1
Acetone	6.7 J		20	4.0	ug/L			10/08/21 15:03	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 15:03	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 15:03	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 15:03	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 15:03	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 15:03	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 15:03	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 15:03	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 15:03	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 15:03	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 15:03	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 15:03	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 15:03	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 15:03	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: CB-1

Lab Sample ID: 440-289412-5

Date Collected: 09/28/21 11:30

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 15:03	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 15:03	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 15:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 15:03	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 15:03	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 15:03	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 15:03	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 15:03	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 15:03	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 15:03	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 15:03	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 15:03	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 15:03	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 15:03	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 15:03	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 15:03	1
Tetrachloroethene	7.7		1.0	0.29	ug/L			10/08/21 15:03	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 15:03	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 15:03	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 15:03	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 15:03	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 15:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 15:03	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 15:03	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 15:03	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 15:03	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 15:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 15:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		68 - 135		10/08/21 15:03	1
Toluene-d8 (Surr)	99		80 - 120		10/08/21 15:03	1
Dibromofluoromethane (Surr)	89		80 - 120		10/08/21 15:03	1
4-Bromofluorobenzene (Surr)	92		71 - 120		10/08/21 15:03	1

Client Sample ID: MW-13

Lab Sample ID: 440-289412-6

Date Collected: 09/28/21 12:56

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 15:30	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 15:30	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 15:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 15:30	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 15:30	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 15:30	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 15:30	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 15:30	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 15:30	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-13

Lab Sample ID: 440-289412-6

Date Collected: 09/28/21 12:56

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 15:30	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 15:30	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 15:30	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 15:30	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 15:30	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 15:30	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 15:30	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 15:30	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 15:30	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 15:30	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 15:30	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 15:30	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 15:30	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 15:30	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 15:30	1
Acetone	ND		20	4.0	ug/L			10/08/21 15:30	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 15:30	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 15:30	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 15:30	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 15:30	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 15:30	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 15:30	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 15:30	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 15:30	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 15:30	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 15:30	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 15:30	1
cis-1,2-Dichloroethene	1.8		1.0	0.30	ug/L			10/08/21 15:30	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 15:30	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 15:30	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 15:30	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 15:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 15:30	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 15:30	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 15:30	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 15:30	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 15:30	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 15:30	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 15:30	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 15:30	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 15:30	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 15:30	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 15:30	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 15:30	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 15:30	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 15:30	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 15:30	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 15:30	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 15:30	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-13

Lab Sample ID: 440-289412-6

Date Collected: 09/28/21 12:56

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.65	J	1.0	0.29	ug/L			10/08/21 15:30	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 15:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 15:30	1
Vinyl acetate	ND	*-	10	3.1	ug/L			10/08/21 15:30	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 15:30	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 15:30	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 15:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		68 - 135					10/08/21 15:30	1
Toluene-d8 (Surr)	101		80 - 120					10/08/21 15:30	1
Dibromofluoromethane (Surr)	98		80 - 120					10/08/21 15:30	1
4-Bromofluorobenzene (Surr)	89		71 - 120					10/08/21 15:30	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		50	13	mg/L			10/01/21 00:21	50
Sulfate	4600		500	130	mg/L			09/29/21 04:05	500

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Arsenic	0.0057		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Barium	0.0063		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Beryllium	0.016		0.0050	0.0013	mg/L		09/30/21 10:59	09/30/21 16:32	5
Cadmium	0.16		0.0050	0.0013	mg/L		09/30/21 10:59	09/30/21 16:32	5
Chromium	0.0028	J	0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Cobalt	0.38		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Copper	0.56		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Lead	0.017		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Molybdenum	ND		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Nickel	0.99		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Selenium	0.051		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Silver	ND		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:32	5
Thallium	ND		0.0050	0.0010	mg/L		09/30/21 10:59	09/30/21 16:32	5
Vanadium	0.15		0.0050	0.0050	mg/L		09/30/21 10:59	09/30/21 16:32	5
Zinc	18		0.10	0.013	mg/L		09/30/21 10:59	09/30/21 16:32	5

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 15:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	5600		100	50	mg/L			10/01/21 09:43	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-8

Lab Sample ID: 440-289412-7

Date Collected: 09/28/21 14:27

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 15:56	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 15:56	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 15:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 15:56	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 15:56	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 15:56	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 15:56	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 15:56	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 15:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 15:56	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 15:56	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 15:56	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 15:56	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 15:56	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 15:56	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 15:56	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 15:56	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 15:56	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 15:56	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 15:56	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 15:56	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 15:56	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 15:56	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 15:56	1
Acetone	ND		20	4.0	ug/L			10/08/21 15:56	1
Benzene	0.62		0.50	0.27	ug/L			10/08/21 15:56	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 15:56	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 15:56	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 15:56	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 15:56	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 15:56	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 15:56	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 15:56	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 15:56	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 15:56	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 15:56	1
cis-1,2-Dichloroethene	1.2		1.0	0.30	ug/L			10/08/21 15:56	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 15:56	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 15:56	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 15:56	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 15:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 15:56	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 15:56	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 15:56	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 15:56	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 15:56	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 15:56	1
Naphthalene	1.4 J		10	0.32	ug/L			10/08/21 15:56	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 15:56	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-8

Lab Sample ID: 440-289412-7

Date Collected: 09/28/21 14:27

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 15:56	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 15:56	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 15:56	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 15:56	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 15:56	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 15:56	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 15:56	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 15:56	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 15:56	1
Trichloroethene	2.0		1.0	0.29	ug/L			10/08/21 15:56	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 15:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 15:56	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 15:56	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 15:56	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 15:56	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 15:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		68 - 135		10/08/21 15:56	1
Toluene-d8 (Surr)	97		80 - 120		10/08/21 15:56	1
Dibromofluoromethane (Surr)	93		80 - 120		10/08/21 15:56	1
4-Bromofluorobenzene (Surr)	92		71 - 120		10/08/21 15:56	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		100	25	mg/L			10/01/21 00:38	100
Sulfate	5000		500	130	mg/L			09/29/21 01:27	500

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Arsenic	0.0061		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Barium	0.0026	J	0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Beryllium	0.023		0.0050	0.0013	mg/L		09/30/21 10:59	09/30/21 16:34	5
Cadmium	0.13		0.0050	0.0013	mg/L		09/30/21 10:59	09/30/21 16:34	5
Chromium	ND		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Cobalt	0.36		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Copper	0.54		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Lead	ND		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Molybdenum	ND		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Nickel	1.1		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Selenium	0.046		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Silver	ND		0.0050	0.0025	mg/L		09/30/21 10:59	09/30/21 16:34	5
Thallium	ND		0.0050	0.0010	mg/L		09/30/21 10:59	09/30/21 16:34	5
Vanadium	0.085		0.0050	0.0050	mg/L		09/30/21 10:59	09/30/21 16:34	5
Zinc	17		0.10	0.013	mg/L		09/30/21 10:59	09/30/21 16:34	5

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-8

Lab Sample ID: 440-289412-7

Date Collected: 09/28/21 14:27

Matrix: Water

Date Received: 09/28/21 17:45

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	7200		100	50	mg/L			10/01/21 09:43	1

Client Sample ID: EB-092821-1

Lab Sample ID: 440-289412-8

Date Collected: 09/28/21 14:40

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 12:23	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 12:23	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 12:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 12:23	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 12:23	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 12:23	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 12:23	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 12:23	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 12:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 12:23	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 12:23	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 12:23	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 12:23	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 12:23	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 12:23	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 12:23	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 12:23	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 12:23	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 12:23	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 12:23	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 12:23	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 12:23	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 12:23	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 12:23	1
Acetone	ND		20	4.0	ug/L			10/08/21 12:23	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 12:23	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 12:23	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 12:23	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 12:23	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 12:23	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 12:23	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 12:23	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 12:23	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 12:23	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 12:23	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 12:23	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 12:23	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 12:23	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: EB-092821-1

Lab Sample ID: 440-289412-8

Date Collected: 09/28/21 14:40

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 12:23	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 12:23	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 12:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 12:23	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 12:23	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 12:23	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 12:23	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 12:23	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 12:23	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 12:23	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 12:23	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 12:23	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 12:23	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 12:23	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 12:23	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 12:23	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 12:23	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 12:23	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 12:23	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 12:23	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 12:23	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 12:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 12:23	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 12:23	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 12:23	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 12:23	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 12:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 12:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		68 - 135		10/08/21 12:23	1
Toluene-d8 (Surr)	99		80 - 120		10/08/21 12:23	1
Dibromofluoromethane (Surr)	94		80 - 120		10/08/21 12:23	1
4-Bromofluorobenzene (Surr)	94		71 - 120		10/08/21 12:23	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/29/21 21:07	1
Sulfate	ND		1.0	0.25	mg/L			09/29/21 21:07	1

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1
Arsenic	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1
Barium	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:36	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:36	1
Chromium	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1
Cobalt	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1
Copper	0.00057	J	0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: EB-092821-1

Lab Sample ID: 440-289412-8

Date Collected: 09/28/21 14:40

Matrix: Water

Date Received: 09/28/21 17:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1
Molybdenum	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1
Nickel	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1
Selenium	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:36	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 16:36	1
Vanadium	ND		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 16:36	1
Zinc	0.0047	J	0.020	0.0025	mg/L		09/30/21 10:59	09/30/21 16:36	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 16:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			10/01/21 09:43	1

Client Sample ID: TB-092821-2

Lab Sample ID: 440-289412-9

Date Collected: 09/28/21 08:00

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 11:56	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 11:56	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 11:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 11:56	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 11:56	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 11:56	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 11:56	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 11:56	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 11:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 11:56	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 11:56	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 11:56	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 11:56	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 11:56	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 11:56	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 11:56	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 11:56	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 11:56	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 11:56	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 11:56	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 11:56	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 11:56	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 11:56	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 11:56	1
Acetone	ND		20	4.0	ug/L			10/08/21 11:56	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 11:56	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 11:56	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: TB-092821-2

Lab Sample ID: 440-289412-9

Date Collected: 09/28/21 08:00

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.39	ug/L			10/08/21 11:56	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 11:56	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 11:56	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 11:56	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 11:56	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 11:56	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 11:56	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 11:56	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 11:56	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 11:56	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 11:56	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 11:56	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 11:56	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 11:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 11:56	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 11:56	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 11:56	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 11:56	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 11:56	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 11:56	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 11:56	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 11:56	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 11:56	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 11:56	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 11:56	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 11:56	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 11:56	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 11:56	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 11:56	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 11:56	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 11:56	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 11:56	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 11:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 11:56	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 11:56	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 11:56	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 11:56	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 11:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		68 - 135		10/08/21 11:56	1
Toluene-d8 (Surr)	103		80 - 120		10/08/21 11:56	1
Dibromofluoromethane (Surr)	90		80 - 120		10/08/21 11:56	1
4-Bromofluorobenzene (Surr)	93		71 - 120		10/08/21 11:56	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-26D

Lab Sample ID: 440-289412-10

Date Collected: 09/28/21 08:34

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 16:22	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 16:22	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 16:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 16:22	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 16:22	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 16:22	1
1,1-Dichloroethene	1.5		1.0	0.39	ug/L			10/08/21 16:22	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 16:22	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 16:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 16:22	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 16:22	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 16:22	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 16:22	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 16:22	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 16:22	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 16:22	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 16:22	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 16:22	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 16:22	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 16:22	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 16:22	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 16:22	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 16:22	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 16:22	1
Acetone	ND		20	4.0	ug/L			10/08/21 16:22	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 16:22	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 16:22	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 16:22	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 16:22	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 16:22	1
Carbon tetrachloride	1.9		0.50	0.27	ug/L			10/08/21 16:22	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 16:22	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 16:22	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 16:22	1
Chloroform	2.4		1.0	0.28	ug/L			10/08/21 16:22	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 16:22	1
cis-1,2-Dichloroethene	0.36 J		1.0	0.30	ug/L			10/08/21 16:22	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 16:22	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 16:22	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 16:22	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 16:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 16:22	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 16:22	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 16:22	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 16:22	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 16:22	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 16:22	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 16:22	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 16:22	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-26D

Lab Sample ID: 440-289412-10

Date Collected: 09/28/21 08:34

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 16:22	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 16:22	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 16:22	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 16:22	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 16:22	1
Tetrachloroethene	6.5		1.0	0.29	ug/L			10/08/21 16:22	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 16:22	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 16:22	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 16:22	1
Trichloroethene	28		1.0	0.29	ug/L			10/08/21 16:22	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 16:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 16:22	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 16:22	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 16:22	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 16:22	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 16:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		68 - 135		10/08/21 16:22	1
Toluene-d8 (Surr)	103		80 - 120		10/08/21 16:22	1
Dibromofluoromethane (Surr)	96		80 - 120		10/08/21 16:22	1
4-Bromofluorobenzene (Surr)	89		71 - 120		10/08/21 16:22	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		1.0	0.078	ug/L			10/05/21 13:53	1
Ethane	ND		1.0	0.13	ug/L			10/05/21 13:53	1
Ethylene	ND		1.0	0.13	ug/L			10/05/21 13:53	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		50	13	mg/L			09/29/21 01:41	50
Nitrate as N	21		5.5	2.8	mg/L			09/29/21 01:41	50
Sulfate	170		50	13	mg/L			09/29/21 01:41	50

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1
Arsenic	0.00051	J	0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1
Barium	0.062		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:10	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:10	1
Chromium	0.0058		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1
Cobalt	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1
Copper	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1
Lead	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1
Molybdenum	0.0046		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1
Nickel	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1
Selenium	0.0057		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-26D

Lab Sample ID: 440-289412-10

Date Collected: 09/28/21 08:34

Matrix: Water

Date Received: 09/28/21 17:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:10	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 16:10	1
Vanadium	0.0036		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 16:10	1
Zinc	0.0027	J	0.020	0.0025	mg/L		09/30/21 10:59	09/30/21 16:10	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1000		10	5.0	mg/L			10/01/21 09:43	1
Ferrous Iron	ND	HF	0.10	0.019	mg/L			10/02/21 16:15	1

Client Sample ID: MW-1D

Lab Sample ID: 440-289412-11

Date Collected: 09/28/21 10:04

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 16:48	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 16:48	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 16:48	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 16:48	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 16:48	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 16:48	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 16:48	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 16:48	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 16:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 16:48	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 16:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 16:48	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 16:48	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 16:48	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 16:48	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 16:48	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 16:48	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 16:48	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 16:48	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 16:48	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 16:48	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 16:48	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 16:48	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 16:48	1
Acetone	ND		20	4.0	ug/L			10/08/21 16:48	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 16:48	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 16:48	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 16:48	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 16:48	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 16:48	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-1D

Lab Sample ID: 440-289412-11

Date Collected: 09/28/21 10:04

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 16:48	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 16:48	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 16:48	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 16:48	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 16:48	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 16:48	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 16:48	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 16:48	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 16:48	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 16:48	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 16:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 16:48	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 16:48	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 16:48	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 16:48	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 16:48	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 16:48	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 16:48	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 16:48	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 16:48	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 16:48	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 16:48	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 16:48	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 16:48	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 16:48	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 16:48	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 16:48	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 16:48	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 16:48	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 16:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 16:48	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 16:48	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 16:48	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 16:48	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 16:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		68 - 135		10/08/21 16:48	1
Toluene-d8 (Surr)	99		80 - 120		10/08/21 16:48	1
Dibromofluoromethane (Surr)	94		80 - 120		10/08/21 16:48	1
4-Bromofluorobenzene (Surr)	93		71 - 120		10/08/21 16:48	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	640		100	25	mg/L			09/29/21 02:01	100
Sulfate	910		100	25	mg/L			09/29/21 02:01	100

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-1D

Lab Sample ID: 440-289412-11

Date Collected: 09/28/21 10:04

Matrix: Water

Date Received: 09/28/21 17:45

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Arsenic	0.0011		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Barium	0.033		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:38	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:38	1
Chromium	0.0022		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Cobalt	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Copper	0.0011		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Lead	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Molybdenum	0.0033		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Nickel	0.0030		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Selenium	0.0020		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:38	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 16:38	1
Vanadium	0.0020		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 16:38	1
Zinc	0.012	J	0.020	0.0025	mg/L		09/30/21 10:59	09/30/21 16:38	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 16:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2800		20	10	mg/L			10/01/21 09:43	1

Client Sample ID: MW-16

Lab Sample ID: 440-289412-12

Date Collected: 09/28/21 12:15

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 17:14	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 17:14	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 17:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 17:14	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 17:14	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 17:14	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 17:14	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 17:14	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 17:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 17:14	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 17:14	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 17:14	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 17:14	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 17:14	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 17:14	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 17:14	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 17:14	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 17:14	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 17:14	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-16

Lab Sample ID: 440-289412-12

Date Collected: 09/28/21 12:15

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 17:14	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 17:14	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 17:14	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 17:14	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 17:14	1
Acetone	7.5	J	20	4.0	ug/L			10/08/21 17:14	1
Benzene	0.29	J	0.50	0.27	ug/L			10/08/21 17:14	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 17:14	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 17:14	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 17:14	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 17:14	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 17:14	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 17:14	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 17:14	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 17:14	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 17:14	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 17:14	1
cis-1,2-Dichloroethene	2.1		1.0	0.30	ug/L			10/08/21 17:14	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 17:14	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 17:14	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 17:14	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 17:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 17:14	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 17:14	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 17:14	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 17:14	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 17:14	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 17:14	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 17:14	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 17:14	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 17:14	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 17:14	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 17:14	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 17:14	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 17:14	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 17:14	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 17:14	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 17:14	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 17:14	1
Trichloroethene	0.97	J	1.0	0.29	ug/L			10/08/21 17:14	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 17:14	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 17:14	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 17:14	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 17:14	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 17:14	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		68 - 135		10/08/21 17:14	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-16

Lab Sample ID: 440-289412-12

Date Collected: 09/28/21 12:15

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		10/08/21 17:14	1
Dibromofluoromethane (Surr)	91		80 - 120		10/08/21 17:14	1
4-Bromofluorobenzene (Surr)	93		71 - 120		10/08/21 17:14	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		20	5.0	mg/L			09/29/21 02:18	20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	4300		500	130	mg/L			09/29/21 03:10	500

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.00063	J	0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Arsenic	0.0090		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Barium	0.0037		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Beryllium	0.018		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:40	1
Cadmium	0.20		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:40	1
Chromium	0.018		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Cobalt	0.50		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Copper	0.32		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Lead	0.017		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Molybdenum	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Nickel	0.92		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Selenium	0.044		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:40	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 16:40	1
Vanadium	0.0041		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 16:40	1
Zinc	23		0.20	0.025	mg/L		09/30/21 10:59	09/30/21 16:51	10

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00033	J	0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 16:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	6600		100	50	mg/L			10/01/21 09:43	1

Client Sample ID: FB-092821-2

Lab Sample ID: 440-289412-13

Date Collected: 09/28/21 12:30

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 13:15	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 13:15	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 13:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 13:15	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 13:15	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 13:15	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: FB-092821-2

Lab Sample ID: 440-289412-13

Date Collected: 09/28/21 12:30

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 13:15	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 13:15	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 13:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 13:15	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 13:15	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 13:15	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 13:15	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 13:15	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 13:15	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 13:15	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 13:15	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 13:15	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 13:15	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 13:15	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 13:15	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 13:15	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 13:15	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 13:15	1
Acetone	ND		20	4.0	ug/L			10/08/21 13:15	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 13:15	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 13:15	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 13:15	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 13:15	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 13:15	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 13:15	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 13:15	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 13:15	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 13:15	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 13:15	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 13:15	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 13:15	1
cis-1,3-Dichloropropane	ND		0.50	0.19	ug/L			10/08/21 13:15	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 13:15	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 13:15	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 13:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 13:15	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 13:15	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 13:15	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 13:15	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 13:15	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 13:15	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 13:15	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 13:15	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 13:15	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 13:15	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 13:15	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 13:15	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 13:15	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 13:15	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: FB-092821-2

Lab Sample ID: 440-289412-13

Date Collected: 09/28/21 12:30

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.33	ug/L			10/08/21 13:15	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 13:15	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 13:15	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 13:15	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 13:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 13:15	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 13:15	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 13:15	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 13:15	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 13:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		68 - 135		10/08/21 13:15	1
Toluene-d8 (Surr)	100		80 - 120		10/08/21 13:15	1
Dibromofluoromethane (Surr)	91		80 - 120		10/08/21 13:15	1
4-Bromofluorobenzene (Surr)	92		71 - 120		10/08/21 13:15	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.18	J	1.0	0.078	ug/L			10/05/21 14:50	1
Ethane	ND		1.0	0.13	ug/L			10/05/21 14:50	1
Ethylene	ND		1.0	0.13	ug/L			10/05/21 14:50	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/29/21 00:10	1
Nitrate as N	ND		0.11	0.055	mg/L			09/29/21 00:10	1
Sulfate	ND		1.0	0.25	mg/L			09/29/21 00:10	1

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Arsenic	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Barium	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:42	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:42	1
Chromium	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Cobalt	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Copper	0.00061	J	0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Lead	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Molybdenum	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Nickel	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Selenium	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:42	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 16:42	1
Vanadium	ND		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 16:42	1
Zinc	0.0095	J	0.020	0.0025	mg/L		09/30/21 10:59	09/30/21 16:42	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: FB-092821-2

Lab Sample ID: 440-289412-13

Date Collected: 09/28/21 12:30

Matrix: Water

Date Received: 09/28/21 17:45

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 16:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			10/01/21 09:43	1
Ferrous Iron	ND	HF	0.10	0.019	mg/L			10/02/21 16:17	1

Client Sample ID: SS-2

Lab Sample ID: 440-289412-14

Date Collected: 09/28/21 13:35

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 17:40	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 17:40	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 17:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 17:40	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 17:40	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 17:40	1
1,1-Dichloroethene	0.90	J	1.0	0.39	ug/L			10/08/21 17:40	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 17:40	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 17:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 17:40	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 17:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 17:40	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 17:40	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 17:40	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 17:40	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 17:40	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 17:40	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 17:40	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 17:40	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 17:40	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 17:40	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 17:40	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 17:40	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 17:40	1
Acetone	ND		20	4.0	ug/L			10/08/21 17:40	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 17:40	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 17:40	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 17:40	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 17:40	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 17:40	1
Carbon tetrachloride	1.8		0.50	0.27	ug/L			10/08/21 17:40	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 17:40	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 17:40	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 17:40	1
Chloroform	2.9		1.0	0.28	ug/L			10/08/21 17:40	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 17:40	1
cis-1,2-Dichloroethene	0.37	J	1.0	0.30	ug/L			10/08/21 17:40	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: SS-2

Lab Sample ID: 440-289412-14

Date Collected: 09/28/21 13:35

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 17:40	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 17:40	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 17:40	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 17:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 17:40	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 17:40	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 17:40	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 17:40	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 17:40	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 17:40	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 17:40	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 17:40	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 17:40	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 17:40	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 17:40	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 17:40	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 17:40	1
Tetrachloroethene	4.6		1.0	0.29	ug/L			10/08/21 17:40	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 17:40	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 17:40	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 17:40	1
Trichloroethene	47		1.0	0.29	ug/L			10/08/21 17:40	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 17:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 17:40	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 17:40	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 17:40	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 17:40	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 17:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 17:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		68 - 135					10/08/21 17:40	1
Toluene-d8 (Surr)	96		80 - 120					10/08/21 17:40	1
Dibromofluoromethane (Surr)	99		80 - 120					10/08/21 17:40	1
4-Bromofluorobenzene (Surr)	88		71 - 120					10/08/21 17:40	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		1.0	0.078	ug/L			10/05/21 15:18	1
Ethane	ND		1.0	0.13	ug/L			10/05/21 15:18	1
Ethylene	ND		1.0	0.13	ug/L			10/05/21 15:18	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		20	5.0	mg/L			09/29/21 08:37	20
Nitrate as N	19		2.2	1.1	mg/L			09/29/21 08:37	20
Sulfate	920		100	25	mg/L			09/29/21 01:05	100

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: SS-2

Lab Sample ID: 440-289412-14

Date Collected: 09/28/21 13:35

Matrix: Water

Date Received: 09/28/21 17:45

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Arsenic	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Barium	0.020		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:44	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:44	1
Chromium	0.0058		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Cobalt	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Copper	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Lead	0.0043		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Molybdenum	0.0044		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Nickel	0.00081	J	0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Selenium	0.0085		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:44	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 16:44	1
Vanadium	0.0032		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 16:44	1
Zinc	0.0072	J	0.020	0.0025	mg/L		09/30/21 10:59	09/30/21 16:44	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 16:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2200		20	10	mg/L			10/01/21 09:43	1
Ferrous Iron	ND	HF	0.10	0.019	mg/L			10/02/21 16:18	1

Client Sample ID: MW-11D

Lab Sample ID: 440-289412-15

Date Collected: 09/28/21 14:03

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 18:06	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 18:06	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 18:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 18:06	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 18:06	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 18:06	1
1,1-Dichloroethene	0.87	J	1.0	0.39	ug/L			10/08/21 18:06	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 18:06	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 18:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 18:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 18:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 18:06	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 18:06	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 18:06	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 18:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 18:06	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 18:06	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 18:06	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-11D

Lab Sample ID: 440-289412-15

Date Collected: 09/28/21 14:03

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 18:06	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 18:06	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 18:06	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 18:06	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 18:06	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 18:06	1
Acetone	ND		20	4.0	ug/L			10/08/21 18:06	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 18:06	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 18:06	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 18:06	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 18:06	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 18:06	1
Carbon tetrachloride	1.7		0.50	0.27	ug/L			10/08/21 18:06	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 18:06	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 18:06	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 18:06	1
Chloroform	2.8		1.0	0.28	ug/L			10/08/21 18:06	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 18:06	1
cis-1,2-Dichloroethene	0.37	J	1.0	0.30	ug/L			10/08/21 18:06	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 18:06	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 18:06	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 18:06	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 18:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 18:06	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 18:06	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 18:06	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 18:06	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 18:06	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 18:06	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 18:06	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 18:06	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 18:06	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 18:06	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 18:06	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 18:06	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 18:06	1
Tetrachloroethene	4.3		1.0	0.29	ug/L			10/08/21 18:06	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 18:06	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 18:06	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 18:06	1
Trichloroethene	46		1.0	0.29	ug/L			10/08/21 18:06	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 18:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 18:06	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 18:06	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 18:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 18:06	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 18:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 18:06	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-11D

Lab Sample ID: 440-289412-15

Date Collected: 09/28/21 14:03

Matrix: Water

Date Received: 09/28/21 17:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		68 - 135		10/08/21 18:06	1
Toluene-d8 (Surr)	102		80 - 120		10/08/21 18:06	1
Dibromofluoromethane (Surr)	96		80 - 120		10/08/21 18:06	1
4-Bromofluorobenzene (Surr)	89		71 - 120		10/08/21 18:06	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.079	J	1.0	0.078	ug/L			10/05/21 15:46	1
Ethane	ND		1.0	0.13	ug/L			10/05/21 15:46	1
Ethylene	ND		1.0	0.13	ug/L			10/05/21 15:46	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	250		20	5.0	mg/L			09/29/21 21:23	20
Nitrate as N	20		2.2	1.1	mg/L			09/29/21 21:23	20
Sulfate	930		100	25	mg/L			09/29/21 03:29	100

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Arsenic	0.00056	J	0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Barium	0.020		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:46	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 16:46	1
Chromium	0.0056		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Cobalt	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Copper	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Lead	0.0043		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Molybdenum	0.0044		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Nickel	0.00072	J	0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Selenium	0.0081		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 16:46	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 16:46	1
Vanadium	0.0037		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 16:46	1
Zinc	0.0069	J	0.020	0.0025	mg/L		09/30/21 10:59	09/30/21 16:46	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:58	10/07/21 16:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2200		20	10	mg/L			10/01/21 09:43	1
Ferrous Iron	ND	HF	0.10	0.019	mg/L			10/02/21 16:19	1

Client Sample ID: EB-092821-2

Lab Sample ID: 440-289412-16

Date Collected: 09/28/21 14:40

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 12:49	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: EB-092821-2

Lab Sample ID: 440-289412-16

Date Collected: 09/28/21 14:40

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 12:49	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 12:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 12:49	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 12:49	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 12:49	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 12:49	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 12:49	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 12:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 12:49	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 12:49	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 12:49	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 12:49	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 12:49	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 12:49	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 12:49	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 12:49	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 12:49	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 12:49	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 12:49	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 12:49	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 12:49	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 12:49	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 12:49	1
Acetone	ND		20	4.0	ug/L			10/08/21 12:49	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 12:49	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 12:49	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 12:49	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 12:49	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 12:49	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 12:49	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 12:49	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 12:49	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 12:49	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 12:49	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 12:49	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 12:49	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 12:49	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 12:49	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 12:49	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 12:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 12:49	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 12:49	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 12:49	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 12:49	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 12:49	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 12:49	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 12:49	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 12:49	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 12:49	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: EB-092821-2

Lab Sample ID: 440-289412-16

Date Collected: 09/28/21 14:40

Matrix: Water

Date Received: 09/28/21 17:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 12:49	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 12:49	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 12:49	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 12:49	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 12:49	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 12:49	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 12:49	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 12:49	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 12:49	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 12:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 12:49	1
Vinyl acetate	ND	*	10	3.1	ug/L			10/08/21 12:49	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 12:49	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 12:49	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 12:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		68 - 135		10/08/21 12:49	1
Toluene-d8 (Surr)	101		80 - 120		10/08/21 12:49	1
Dibromofluoromethane (Surr)	92		80 - 120		10/08/21 12:49	1
4-Bromofluorobenzene (Surr)	96		71 - 120		10/08/21 12:49	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.079	J	1.0	0.078	ug/L			10/05/21 16:13	1
Ethane	ND		1.0	0.13	ug/L			10/05/21 16:13	1
Ethylene	ND		1.0	0.13	ug/L			10/05/21 16:13	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/29/21 00:28	1
Nitrate as N	ND		0.11	0.055	mg/L			09/29/21 00:28	1
Sulfate	ND		1.0	0.25	mg/L			09/29/21 00:28	1

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1
Arsenic	ND		0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1
Barium	ND		0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 11:00	09/30/21 16:49	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 11:00	09/30/21 16:49	1
Chromium	ND		0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1
Cobalt	ND		0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1
Copper	ND		0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1
Lead	ND		0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1
Molybdenum	ND		0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1
Nickel	ND		0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1
Selenium	0.00055	J	0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 11:00	09/30/21 16:49	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: EB-092821-2

Lab Sample ID: 440-289412-16

Date Collected: 09/28/21 14:40

Matrix: Water

Date Received: 09/28/21 17:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 11:00	09/30/21 16:49	1
Vanadium	ND		0.0010	0.0010	mg/L		09/30/21 11:00	09/30/21 16:49	1
Zinc	ND		0.020	0.0025	mg/L		09/30/21 11:00	09/30/21 16:49	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 16:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			10/01/21 09:43	1
Ferrous Iron	ND	HF	0.10	0.019	mg/L			10/02/21 16:20	1

Surrogate Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	TOL	DBFM	BFB
		(68-135)	(80-120)	(80-120)	(71-120)
440-289412-1	TB-092821-1	81	98	87	92
440-289412-2	MW-12	89	97	96	94
440-289412-3	SS-1	89	96	95	92
440-289412-4	MW-30	88	101	94	93
440-289412-5	CB-1	90	99	89	92
440-289412-6	MW-13	109	101	98	89
440-289412-7	MW-8	92	97	93	92
440-289412-8	EB-092821-1	93	99	94	94
440-289412-9	TB-092821-2	86	103	90	93
440-289412-10	MW-26D	91	103	96	89
440-289412-10 MS	MW-26D	91	100	93	100
440-289412-10 MSD	MW-26D	90	99	94	102
440-289412-11	MW-1D	92	99	94	93
440-289412-12	MW-16	90	97	91	93
440-289412-13	FB-092821-2	89	100	91	92
440-289412-14	SS-2	91	96	99	88
440-289412-15	MW-11D	94	102	96	89
440-289412-16	EB-092821-2	88	101	92	96
LCS 570-184963/3	Lab Control Sample	90	102	95	100
LCSD 570-184963/4	Lab Control Sample Dup	88	101	95	99
MB 570-184963/6	Method Blank	90	101	94	90

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

BFB = 4-Bromofluorobenzene (Surr)

Method Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
RSK-175	Dissolved Gases (GC)	RSK	ECL 2
300.0	Anions, Ion Chromatography	MCAWW	TAL IRV
6020	Metals (ICP/MS)	SW846	TAL IRV
7470A	Mercury (CVAA)	SW846	TAL IRV
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL IRV
SM 3500 Fe B	Iron, Ferrous	SM	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL IRV
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	TAL IRV
FILTRATION	Sample Filtration	None	TAL IRV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

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

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

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: TB-092821-1

Lab Sample ID: 440-289412-1

Date Collected: 09/28/21 07:00

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 11:30	UJHB	ECL 2

Client Sample ID: MW-12

Lab Sample ID: 440-289412-2

Date Collected: 09/28/21 08:36

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 13:45	UJHB	ECL 2
Total/NA	Analysis	300.0		100			657670	09/29/21 04:42	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:18	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658343	10/07/21 15:31	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV

Client Sample ID: SS-1

Lab Sample ID: 440-289412-3

Date Collected: 09/28/21 08:46

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 14:11	UJHB	ECL 2
Total/NA	Analysis	300.0		100			657670	09/29/21 05:18	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:20	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658343	10/07/21 15:34	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV

Client Sample ID: MW-30

Lab Sample ID: 440-289412-4

Date Collected: 09/28/21 10:55

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 14:37	UJHB	ECL 2
Total/NA	Analysis	300.0		10			657670	09/29/21 05:36	NIH3	TAL IRV
Total/NA	Analysis	300.0		200			657670	09/29/21 05:54	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:22	P1R	TAL IRV

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-30

Lab Sample ID: 440-289412-4

Date Collected: 09/28/21 10:55

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658343	10/07/21 15:36	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	10 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV

Client Sample ID: CB-1

Lab Sample ID: 440-289412-5

Date Collected: 09/28/21 11:30

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 15:03	UJHB	ECL 2

Client Sample ID: MW-13

Lab Sample ID: 440-289412-6

Date Collected: 09/28/21 12:56

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 15:30	UJHB	ECL 2
Total/NA	Analysis	300.0		500			657670	09/29/21 04:05	NIH3	TAL IRV
Total/NA	Analysis	300.0		50			657860	10/01/21 00:21	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		5			657908	09/30/21 16:32	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658343	10/07/21 15:38	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	10 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV

Client Sample ID: MW-8

Lab Sample ID: 440-289412-7

Date Collected: 09/28/21 14:27

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 15:56	UJHB	ECL 2
Total/NA	Analysis	300.0		500	5 mL	1.0 mL	657672	09/29/21 01:27	OH1	TAL IRV
Total/NA	Analysis	300.0		100			657860	10/01/21 00:38	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		5			657908	09/30/21 16:34	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658343	10/07/21 15:40	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	10 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: EB-092821-1

Lab Sample ID: 440-289412-8

Date Collected: 09/28/21 14:40

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 12:23	UJHB	ECL 2
Total/NA	Analysis	300.0		1			657797	09/29/21 21:07	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:36	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658354	10/07/21 16:45	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV

Client Sample ID: TB-092821-2

Lab Sample ID: 440-289412-9

Date Collected: 09/28/21 08:00

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 11:56	UJHB	ECL 2

Client Sample ID: MW-26D

Lab Sample ID: 440-289412-10

Date Collected: 09/28/21 08:34

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 16:22	UJHB	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	184057	10/05/21 13:53	QD3U	ECL 2
Total/NA	Analysis	300.0	DL	50			657669	09/29/21 01:41	NIH3	TAL IRV
Total/NA	Analysis	300.0	DL	50			657670	09/29/21 01:41	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			125 mL	125 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:10	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			125 mL	125 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658343	10/07/21 15:25	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV
Total/NA	Analysis	SM 3500 Fe B		1	5 mL	10 mL	183599	10/02/21 16:15	WN6Y	ECL 1

Client Sample ID: MW-1D

Lab Sample ID: 440-289412-11

Date Collected: 09/28/21 10:04

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 16:48	UJHB	ECL 2
Total/NA	Analysis	300.0		100			657672	09/29/21 02:01	OH1	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:38	P1R	TAL IRV

Eurofins Calscience Irvine

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: MW-1D

Lab Sample ID: 440-289412-11

Date Collected: 09/28/21 10:04

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658354	10/07/21 16:47	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV

Client Sample ID: MW-16

Lab Sample ID: 440-289412-12

Date Collected: 09/28/21 12:15

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 17:14	UJHB	ECL 2
Total/NA	Analysis	300.0		20			657672	09/29/21 02:18	OH1	TAL IRV
Total/NA	Analysis	300.0	DL	500			657672	09/29/21 03:10	OH1	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:40	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		10			657908	09/30/21 16:51	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658354	10/07/21 16:49	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	10 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV

Client Sample ID: FB-092821-2

Lab Sample ID: 440-289412-13

Date Collected: 09/28/21 12:30

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 13:15	UJHB	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	184057	10/05/21 14:50	QD3U	ECL 2
Total/NA	Analysis	300.0		1			657669	09/29/21 00:10	NIH3	TAL IRV
Total/NA	Analysis	300.0		1			657670	09/29/21 00:10	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:42	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658354	10/07/21 16:51	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV
Total/NA	Analysis	SM 3500 Fe B		1	5 mL	10 mL	183599	10/02/21 16:17	WN6Y	ECL 1

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: SS-2

Lab Sample ID: 440-289412-14

Date Collected: 09/28/21 13:35

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 17:40	UJHB	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	184057	10/05/21 15:18	QD3U	ECL 2
Total/NA	Analysis	300.0		100			657670	09/29/21 01:05	NIH3	TAL IRV
Total/NA	Analysis	300.0		20			657669	09/29/21 08:37	NIH3	TAL IRV
Total/NA	Analysis	300.0		20			657670	09/29/21 08:37	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:44	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658354	10/07/21 16:53	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV
Total/NA	Analysis	SM 3500 Fe B		1	5 mL	10 mL	183599	10/02/21 16:18	WN6Y	ECL 1

Client Sample ID: MW-11D

Lab Sample ID: 440-289412-15

Date Collected: 09/28/21 14:03

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 18:06	UJHB	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	184057	10/05/21 15:46	QD3U	ECL 2
Total/NA	Analysis	300.0		20	5 mL	1.0 mL	657789	09/29/21 21:23	PS	TAL IRV
Total/NA	Analysis	300.0		20	5 mL	1.0 mL	657790	09/29/21 21:23	PS	TAL IRV
Total/NA	Analysis	300.0		100	5 mL	1.0 mL	657670	09/29/21 03:29	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 10:59	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:46	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:15	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:58	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658354	10/07/21 16:57	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV
Total/NA	Analysis	SM 3500 Fe B		1	5 mL	10 mL	183599	10/02/21 16:19	WN6Y	ECL 1

Client Sample ID: EB-092821-2

Lab Sample ID: 440-289412-16

Date Collected: 09/28/21 14:40

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	184963	10/08/21 12:49	UJHB	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	184057	10/05/21 16:13	QD3U	ECL 2
Total/NA	Analysis	300.0		1			657669	09/29/21 00:28	NIH3	TAL IRV
Total/NA	Analysis	300.0		1			657670	09/29/21 00:28	NIH3	TAL IRV

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Client Sample ID: EB-092821-2

Lab Sample ID: 440-289412-16

Date Collected: 09/28/21 14:40

Matrix: Water

Date Received: 09/28/21 17:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:16	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657851	09/30/21 11:00	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657908	09/30/21 16:49	P1R	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657779	09/29/21 13:16	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658287	10/07/21 09:53	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658354	10/07/21 16:55	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	657864	10/01/21 09:43	VY3D	TAL IRV
Total/NA	Analysis	SM 3500 Fe B		1	5 mL	10 mL	183599	10/02/21 16:20	WN6Y	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022



QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-184963/6
 Matrix: Water
 Analysis Batch: 184963

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 10:42	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 10:42	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 10:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 10:42	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 10:42	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 10:42	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 10:42	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 10:42	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 10:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 10:42	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 10:42	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 10:42	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 10:42	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 10:42	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 10:42	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 10:42	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 10:42	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 10:42	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 10:42	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 10:42	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 10:42	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 10:42	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 10:42	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 10:42	1
Acetone	ND		20	4.0	ug/L			10/08/21 10:42	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 10:42	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 10:42	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 10:42	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 10:42	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 10:42	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 10:42	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 10:42	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 10:42	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 10:42	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 10:42	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 10:42	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 10:42	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 10:42	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 10:42	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 10:42	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 10:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 10:42	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 10:42	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 10:42	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 10:42	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 10:42	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 10:42	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 10:42	1

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-184963/6
Matrix: Water
Analysis Batch: 184963

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 10:42	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 10:42	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 10:42	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 10:42	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 10:42	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 10:42	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 10:42	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 10:42	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 10:42	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 10:42	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 10:42	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 10:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 10:42	1
Vinyl acetate	ND		10	3.1	ug/L			10/08/21 10:42	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 10:42	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 10:42	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 10:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 10:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		68 - 135		10/08/21 10:42	1
Toluene-d8 (Surr)	101		80 - 120		10/08/21 10:42	1
Dibromofluoromethane (Surr)	94		80 - 120		10/08/21 10:42	1
4-Bromofluorobenzene (Surr)	90		71 - 120		10/08/21 10:42	1

Lab Sample ID: LCS 570-184963/3
Matrix: Water
Analysis Batch: 184963

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	10.0	9.38		ug/L		94	66 - 131
1,1,1,2-Tetrachloroethane	10.0	9.25		ug/L		93	76 - 143
1,1,1-Trichloroethane	10.0	9.06		ug/L		91	75 - 128
1,1,2,2-Tetrachloroethane	10.0	8.64		ug/L		86	73 - 126
1,1,2-Trichloroethane	10.0	8.73		ug/L		87	80 - 120
1,1-Dichloroethane	10.0	8.86		ug/L		89	76 - 120
1,1-Dichloroethene	10.0	9.12		ug/L		91	72 - 120
1,1-Dichloropropene	10.0	9.21		ug/L		92	76 - 120
1,2,3-Trichlorobenzene	10.0	9.62		ug/L		96	80 - 125
1,2,4-Trichlorobenzene	10.0	9.64		ug/L		96	80 - 123
1,2,4-Trimethylbenzene	10.0	8.71		ug/L		87	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	8.35		ug/L		84	77 - 120
1,2-Dichlorobenzene	10.0	9.26		ug/L		93	79 - 123
1,2-Dichloroethane	10.0	9.19		ug/L		92	71 - 137
1,2-Dichloropropane	10.0	9.26		ug/L		93	80 - 120
1,3,5-Trimethylbenzene	10.0	9.68		ug/L		97	77 - 133
1,3-Dichlorobenzene	10.0	9.33		ug/L		93	79 - 123
1,3-Dichloropropane	10.0	8.60		ug/L		86	80 - 123

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-184963/3
Matrix: Water
Analysis Batch: 184963

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	10.0	9.02		ug/L		90	75 - 123
2,2-Dichloropropane	10.0	9.64		ug/L		96	78 - 133
2-Chlorotoluene	10.0	9.40		ug/L		94	80 - 120
2-Hexanone	10.0	8.77	J	ug/L		88	57 - 127
4-Chlorotoluene	10.0	9.22		ug/L		92	78 - 120
p-Isopropyltoluene	10.0	8.91		ug/L		89	77 - 127
Acetone	10.0	9.56	J	ug/L		96	57 - 133
Benzene	10.0	9.73		ug/L		97	80 - 120
Bromobenzene	10.0	10.0		ug/L		100	80 - 124
Bromoform	10.0	9.14		ug/L		91	46 - 178
Bromomethane	10.0	10.1		ug/L		101	52 - 162
Carbon disulfide	10.0	9.60	J	ug/L		96	66 - 125
Carbon tetrachloride	10.0	9.00		ug/L		90	69 - 145
Chlorobenzene	10.0	9.34		ug/L		93	80 - 120
Bromochloromethane	10.0	9.31		ug/L		93	76 - 125
Chloroethane	10.0	8.77		ug/L		88	73 - 139
Chloroform	10.0	8.87		ug/L		89	80 - 120
Chloromethane	10.0	8.67	J	ug/L		87	35 - 159
cis-1,2-Dichloroethene	10.0	9.12		ug/L		91	76 - 122
cis-1,3-Dichloropropene	10.0	9.20		ug/L		92	80 - 122
Dibromochloromethane	10.0	9.48		ug/L		95	63 - 151
Dibromomethane	10.0	9.54		ug/L		95	80 - 121
Bromodichloromethane	10.0	9.43		ug/L		94	77 - 141
Dichlorodifluoromethane	10.0	8.43		ug/L		84	59 - 139
Ethylbenzene	10.0	9.72		ug/L		97	80 - 120
Isopropylbenzene	10.0	9.98		ug/L		100	80 - 124
m,p-Xylene	20.0	19.9		ug/L		100	80 - 122
Methylene Chloride	10.0	8.87	J	ug/L		89	70 - 120
Methyl-t-Butyl Ether (MTBE)	10.0	8.32		ug/L		83	72 - 120
Naphthalene	10.0	8.13	J	ug/L		81	75 - 120
n-Butylbenzene	10.0	8.50		ug/L		85	76 - 124
N-Propylbenzene	10.0	9.96		ug/L		100	80 - 122
o-Xylene	10.0	9.57		ug/L		96	80 - 122
sec-Butylbenzene	10.0	9.03		ug/L		90	75 - 123
Styrene	10.0	9.87		ug/L		99	80 - 121
tert-Butylbenzene	10.0	9.11		ug/L		91	72 - 128
Tetrachloroethene	10.0	10.2		ug/L		102	80 - 128
Toluene	10.0	9.67		ug/L		97	80 - 120
trans-1,2-Dichloroethene	10.0	8.79		ug/L		88	67 - 123
trans-1,3-Dichloropropene	10.0	8.65		ug/L		86	78 - 140
Trichloroethene	10.0	9.79		ug/L		98	80 - 123
Trichlorofluoromethane	10.0	9.08	J	ug/L		91	64 - 168
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.68	J	ug/L		97	50 - 120
Vinyl acetate	10.0	8.03	J	ug/L		80	75 - 144
Vinyl chloride	10.0	8.61		ug/L		86	74 - 130
1,2-Dibromoethane (EDB)	10.0	9.32		ug/L		93	80 - 120
2-Butanone (MEK)	10.0	8.84	J	ug/L		88	32 - 133
4-Methyl-2-pentanone (MIBK)	10.0	9.02	J	ug/L		90	68 - 120

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	90		68 - 135
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	95		80 - 120
4-Bromofluorobenzene (Surr)	100		71 - 120

Lab Sample ID: LCSD 570-184963/4
Matrix: Water
Analysis Batch: 184963

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	RPD Limit
							Limits			
1,2,3-Trichloropropane	10.0	9.28		ug/L		93	66 - 131	1	20	
1,1,1,2-Tetrachloroethane	10.0	8.93		ug/L		89	76 - 143	4	20	
1,1,1-Trichloroethane	10.0	8.69		ug/L		87	75 - 128	4	20	
1,1,2,2-Tetrachloroethane	10.0	8.24		ug/L		82	73 - 126	5	21	
1,1,2-Trichloroethane	10.0	8.48		ug/L		85	80 - 120	3	20	
1,1-Dichloroethane	10.0	8.54		ug/L		85	76 - 120	4	20	
1,1-Dichloroethene	10.0	8.74		ug/L		87	72 - 120	4	20	
1,1-Dichloropropene	10.0	8.66		ug/L		87	76 - 120	6	20	
1,2,3-Trichlorobenzene	10.0	9.53		ug/L		95	80 - 125	1	22	
1,2,4-Trichlorobenzene	10.0	9.35		ug/L		94	80 - 123	3	20	
1,2,4-Trimethylbenzene	10.0	8.53		ug/L		85	78 - 125	2	22	
1,2-Dibromo-3-Chloropropane	10.0	7.73		ug/L		77	77 - 120	8	21	
1,2-Dichlorobenzene	10.0	8.97		ug/L		90	79 - 123	3	20	
1,2-Dichloroethane	10.0	8.93		ug/L		89	71 - 137	3	20	
1,2-Dichloropropane	10.0	8.86		ug/L		89	80 - 120	4	20	
1,3,5-Trimethylbenzene	10.0	9.49		ug/L		95	77 - 133	2	20	
1,3-Dichlorobenzene	10.0	8.97		ug/L		90	79 - 123	4	20	
1,3-Dichloropropane	10.0	8.63		ug/L		86	80 - 123	0	20	
1,4-Dichlorobenzene	10.0	8.75		ug/L		87	75 - 123	3	22	
2,2-Dichloropropane	10.0	9.20		ug/L		92	78 - 133	5	20	
2-Chlorotoluene	10.0	9.29		ug/L		93	80 - 120	1	20	
2-Hexanone	10.0	7.53	J	ug/L		75	57 - 127	15	21	
4-Chlorotoluene	10.0	8.89		ug/L		89	78 - 120	4	21	
p-Isopropyltoluene	10.0	8.65		ug/L		87	77 - 127	3	21	
Acetone	10.0	9.99	J	ug/L		100	57 - 133	4	28	
Benzene	10.0	9.19		ug/L		92	80 - 120	6	20	
Bromobenzene	10.0	9.85		ug/L		98	80 - 124	2	20	
Bromoform	10.0	8.61		ug/L		86	46 - 178	6	23	
Bromomethane	10.0	9.33	J	ug/L		93	52 - 162	8	20	
Carbon disulfide	10.0	9.26	J	ug/L		93	66 - 125	4	20	
Carbon tetrachloride	10.0	8.26		ug/L		83	69 - 145	9	20	
Chlorobenzene	10.0	9.14		ug/L		91	80 - 120	2	20	
Bromochloromethane	10.0	9.03		ug/L		90	76 - 125	3	20	
Chloroethane	10.0	8.36		ug/L		84	73 - 139	5	20	
Chloroform	10.0	8.70		ug/L		87	80 - 120	2	20	
Chloromethane	10.0	8.39	J	ug/L		84	35 - 159	3	20	
cis-1,2-Dichloroethene	10.0	8.72		ug/L		87	76 - 122	5	20	
cis-1,3-Dichloropropene	10.0	8.82		ug/L		88	80 - 122	4	20	
Dibromochloromethane	10.0	9.29		ug/L		93	63 - 151	2	20	
Dibromomethane	10.0	9.15		ug/L		91	80 - 121	4	20	
Bromodichloromethane	10.0	9.03		ug/L		90	77 - 141	4	20	

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QC Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-184963/4
Matrix: Water
Analysis Batch: 184963

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	10.0	8.17		ug/L		82	59 - 139	3	20
Ethylbenzene	10.0	9.36		ug/L		94	80 - 120	4	20
Isopropylbenzene	10.0	9.56		ug/L		96	80 - 124	4	20
m,p-Xylene	20.0	19.3		ug/L		96	80 - 122	3	20
Methylene Chloride	10.0	8.83	J	ug/L		88	70 - 120	0	20
Methyl-t-Butyl Ether (MTBE)	10.0	8.35		ug/L		83	72 - 120	0	20
Naphthalene	10.0	8.08	J	ug/L		81	75 - 120	1	22
n-Butylbenzene	10.0	8.65		ug/L		86	76 - 124	2	23
N-Propylbenzene	10.0	9.63		ug/L		96	80 - 122	3	20
o-Xylene	10.0	9.29		ug/L		93	80 - 122	3	20
sec-Butylbenzene	10.0	8.62		ug/L		86	75 - 123	5	21
Styrene	10.0	9.39		ug/L		94	80 - 121	5	20
tert-Butylbenzene	10.0	8.60		ug/L		86	72 - 128	6	22
Tetrachloroethene	10.0	9.65		ug/L		97	80 - 128	6	20
Toluene	10.0	9.14		ug/L		91	80 - 120	6	20
trans-1,2-Dichloroethene	10.0	8.69		ug/L		87	67 - 123	1	20
trans-1,3-Dichloropropene	10.0	8.86		ug/L		89	78 - 140	2	20
Trichloroethene	10.0	9.27		ug/L		93	80 - 123	5	20
Trichlorofluoromethane	10.0	8.66	J	ug/L		87	64 - 168	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.23	J	ug/L		92	50 - 120	5	20
Vinyl acetate	10.0	7.08	J *	ug/L		71	75 - 144	13	25
Vinyl chloride	10.0	8.45		ug/L		85	74 - 130	2	20
1,2-Dibromoethane (EDB)	10.0	8.61		ug/L		86	80 - 120	8	20
2-Butanone (MEK)	10.0	8.86	J	ug/L		89	32 - 133	0	26
4-Methyl-2-pentanone (MIBK)	10.0	8.49	J	ug/L		85	68 - 120	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	88		68 - 135
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	95		80 - 120
4-Bromofluorobenzene (Surr)	99		71 - 120

Lab Sample ID: 440-289412-10 MS
Matrix: Water
Analysis Batch: 184963

Client Sample ID: MW-26D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	ND		10.0	7.54		ug/L		75	66 - 139
1,1,1,2-Tetrachloroethane	ND		10.0	8.96		ug/L		90	57 - 157
1,1,1-Trichloroethane	ND		10.0	8.87		ug/L		89	54 - 152
1,1,2,2-Tetrachloroethane	ND		10.0	8.57		ug/L		86	67 - 143
1,1,2-Trichloroethane	ND		10.0	8.56		ug/L		86	70 - 138
1,1-Dichloroethane	ND		10.0	8.46		ug/L		85	57 - 140
1,1-Dichloroethene	1.5		10.0	10.7		ug/L		92	48 - 146
1,1-Dichloropropene	ND		10.0	9.05		ug/L		91	56 - 144
1,2,3-Trichlorobenzene	ND		10.0	8.85		ug/L		89	66 - 146
1,2,4-Trichlorobenzene	ND		10.0	9.01		ug/L		90	64 - 146
1,2,4-Trimethylbenzene	ND		10.0	8.78		ug/L		88	52 - 156

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-289412-10 MS

Matrix: Water

Analysis Batch: 184963

Client Sample ID: MW-26D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	ND		10.0	7.61		ug/L		76	57 - 145
1,2-Dichlorobenzene	ND		10.0	9.06		ug/L		91	63 - 146
1,2-Dichloroethane	ND		10.0	8.78		ug/L		88	63 - 151
1,2-Dichloropropane	ND		10.0	8.74		ug/L		87	65 - 143
1,3,5-Trimethylbenzene	ND		10.0	9.32		ug/L		93	58 - 158
1,3-Dichlorobenzene	ND		10.0	8.87		ug/L		89	61 - 145
1,3-Dichloropropane	ND		10.0	8.57		ug/L		86	70 - 137
1,4-Dichlorobenzene	ND		10.0	8.45		ug/L		84	61 - 141
2,2-Dichloropropane	ND		10.0	8.63		ug/L		86	56 - 148
2-Chlorotoluene	ND		10.0	9.12		ug/L		91	58 - 145
2-Hexanone	ND		10.0	7.25	J	ug/L		73	61 - 139
4-Chlorotoluene	ND		10.0	8.87		ug/L		89	59 - 144
p-Isopropyltoluene	ND		10.0	8.79		ug/L		88	55 - 153
Acetone	ND		10.0	8.26	J	ug/L		83	49 - 130
Benzene	ND		10.0	9.37		ug/L		94	61 - 143
Bromobenzene	ND		10.0	9.64		ug/L		96	64 - 146
Bromoform	ND		10.0	8.81		ug/L		88	48 - 168
Bromomethane	ND		10.0	10.4		ug/L		104	58 - 175
Carbon disulfide	ND		10.0	9.56	J	ug/L		96	48 - 149
Carbon tetrachloride	1.9		10.0	11.5		ug/L		96	46 - 167
Chlorobenzene	ND		10.0	9.07		ug/L		91	62 - 143
Bromochloromethane	ND		10.0	9.11		ug/L		91	65 - 140
Chloroethane	ND		10.0	9.50		ug/L		95	65 - 162
Chloroform	2.4		10.0	11.1		ug/L		87	62 - 145
Chloromethane	ND		10.0	8.18	J	ug/L		82	21 - 171
cis-1,2-Dichloroethene	0.36	J	10.0	9.30		ug/L		89	53 - 156
cis-1,3-Dichloropropene	ND		10.0	8.17		ug/L		82	65 - 142
Dibromochloromethane	ND		10.0	8.93		ug/L		89	56 - 156
Dibromomethane	ND		10.0	9.24		ug/L		92	69 - 142
Bromodichloromethane	ND		10.0	9.11		ug/L		91	61 - 158
Dichlorodifluoromethane	ND		10.0	8.15		ug/L		82	38 - 159
Ethylbenzene	ND		10.0	9.38		ug/L		94	59 - 145
Isopropylbenzene	ND		10.0	9.55		ug/L		95	61 - 149
m,p-Xylene	ND		20.0	18.9		ug/L		94	61 - 150
Methylene Chloride	ND		10.0	8.72	J	ug/L		87	57 - 131
Methyl-t-Butyl Ether (MTBE)	ND		10.0	7.84		ug/L		78	62 - 125
Naphthalene	ND		10.0	7.12	J	ug/L		71	54 - 148
n-Butylbenzene	ND		10.0	8.71		ug/L		87	57 - 150
N-Propylbenzene	ND		10.0	9.36		ug/L		94	60 - 149
o-Xylene	ND		10.0	9.26		ug/L		93	61 - 150
sec-Butylbenzene	ND		10.0	8.90		ug/L		89	57 - 148
Styrene	ND		10.0	9.00		ug/L		90	53 - 146
tert-Butylbenzene	ND		10.0	8.90		ug/L		89	56 - 148
Tetrachloroethene	6.5		10.0	18.6		ug/L		121	52 - 156
Toluene	ND		10.0	9.19		ug/L		92	62 - 145
trans-1,2-Dichloroethene	ND		10.0	8.73		ug/L		87	54 - 142
trans-1,3-Dichloropropene	ND		10.0	8.41		ug/L		84	66 - 146
Trichloroethene	28		10.0	42.6		ug/L		148	35 - 163
Trichlorofluoromethane	ND		10.0	9.88	J	ug/L		99	75 - 151

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-289412-10 MS

Matrix: Water

Analysis Batch: 184963

Client Sample ID: MW-26D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	9.30	J	ug/L		93	35 - 132
Vinyl acetate	ND	*	10.0	7.34	J	ug/L		73	61 - 170
Vinyl chloride	ND		10.0	9.19		ug/L		92	75 - 139
1,2-Dibromoethane (EDB)	ND		10.0	8.64		ug/L		86	69 - 139
2-Butanone (MEK)	ND		10.0	7.85	J	ug/L		78	48 - 141
4-Methyl-2-pentanone (MIBK)	ND		10.0	8.24	J	ug/L		82	63 - 139
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	91		68 - 135						
Toluene-d8 (Surr)	100		80 - 120						
Dibromofluoromethane (Surr)	93		80 - 120						
4-Bromofluorobenzene (Surr)	100		71 - 120						

Lab Sample ID: 440-289412-10 MSD

Matrix: Water

Analysis Batch: 184963

Client Sample ID: MW-26D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	ND		10.0	7.68		ug/L		77	66 - 139	2	20
1,1,1,2-Tetrachloroethane	ND		10.0	9.13		ug/L		91	57 - 157	2	20
1,1,1-Trichloroethane	ND		10.0	8.92		ug/L		89	54 - 152	1	26
1,1,2,2-Tetrachloroethane	ND		10.0	8.04		ug/L		80	67 - 143	6	20
1,1,2-Trichloroethane	ND		10.0	8.66		ug/L		87	70 - 138	1	20
1,1-Dichloroethane	ND		10.0	8.51		ug/L		85	57 - 140	1	22
1,1-Dichloroethene	1.5		10.0	10.8		ug/L		93	48 - 146	1	28
1,1-Dichloropropene	ND		10.0	8.83		ug/L		88	56 - 144	3	27
1,2,3-Trichlorobenzene	ND		10.0	8.88		ug/L		89	66 - 146	0	24
1,2,4-Trichlorobenzene	ND		10.0	8.88		ug/L		89	64 - 146	1	25
1,2,4-Trimethylbenzene	ND		10.0	8.77		ug/L		88	52 - 156	0	24
1,2-Dibromo-3-Chloropropane	ND		10.0	7.33		ug/L		73	57 - 145	4	21
1,2-Dichlorobenzene	ND		10.0	8.73		ug/L		87	63 - 146	4	20
1,2-Dichloroethane	ND		10.0	8.64		ug/L		86	63 - 151	2	20
1,2-Dichloropropane	ND		10.0	8.55		ug/L		86	65 - 143	2	20
1,3,5-Trimethylbenzene	ND		10.0	9.65		ug/L		97	58 - 158	3	26
1,3-Dichlorobenzene	ND		10.0	8.83		ug/L		88	61 - 145	0	22
1,3-Dichloropropane	ND		10.0	8.33		ug/L		83	70 - 137	3	20
1,4-Dichlorobenzene	ND		10.0	8.58		ug/L		86	61 - 141	2	22
2,2-Dichloropropane	ND		10.0	8.64		ug/L		86	56 - 148	0	26
2-Chlorotoluene	ND		10.0	9.26		ug/L		93	58 - 145	2	25
2-Hexanone	ND		10.0	6.69	J	ug/L		67	61 - 139	8	21
4-Chlorotoluene	ND		10.0	9.00		ug/L		90	59 - 144	1	24
p-Isopropyltoluene	ND		10.0	9.09		ug/L		91	55 - 153	3	28
Acetone	ND		10.0	8.40	J	ug/L		84	49 - 130	2	26
Benzene	ND		10.0	9.37		ug/L		94	61 - 143	0	20
Bromobenzene	ND		10.0	9.62		ug/L		96	64 - 146	0	20
Bromoform	ND		10.0	8.43		ug/L		84	48 - 168	4	20
Bromomethane	ND		10.0	8.91	J	ug/L		89	58 - 175	16	22
Carbon disulfide	ND		10.0	9.57	J	ug/L		96	48 - 149	0	25

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-289412-10 MSD
Matrix: Water
Analysis Batch: 184963

Client Sample ID: MW-26D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	1.9		10.0	11.5		ug/L		96	46 - 167	0	29
Chlorobenzene	ND		10.0	9.04		ug/L		90	62 - 143	0	20
Bromochloromethane	ND		10.0	8.73		ug/L		87	65 - 140	4	20
Chloroethane	ND		10.0	9.06		ug/L		91	65 - 162	5	20
Chloroform	2.4		10.0	10.9		ug/L		85	62 - 145	2	20
Chloromethane	ND		10.0	7.87	J	ug/L		79	21 - 171	4	20
cis-1,2-Dichloroethene	0.36	J	10.0	9.23		ug/L		89	53 - 156	1	20
cis-1,3-Dichloropropene	ND		10.0	8.54		ug/L		85	65 - 142	5	20
Dibromochloromethane	ND		10.0	9.04		ug/L		90	56 - 156	1	20
Dibromomethane	ND		10.0	8.69		ug/L		87	69 - 142	6	20
Bromodichloromethane	ND		10.0	8.92		ug/L		89	61 - 158	2	20
Dichlorodifluoromethane	ND		10.0	7.74		ug/L		77	38 - 159	5	21
Ethylbenzene	ND		10.0	9.66		ug/L		97	59 - 145	3	23
Isopropylbenzene	ND		10.0	9.78		ug/L		98	61 - 149	2	28
m,p-Xylene	ND		20.0	19.6		ug/L		98	61 - 150	4	23
Methylene Chloride	ND		10.0	8.50	J	ug/L		85	57 - 131	3	21
Methyl-t-Butyl Ether (MTBE)	ND		10.0	7.68		ug/L		77	62 - 125	2	20
Naphthalene	ND		10.0	7.31	J	ug/L		73	54 - 148	3	22
n-Butylbenzene	ND		10.0	9.05		ug/L		91	57 - 150	4	30
N-Propylbenzene	ND		10.0	9.61		ug/L		96	60 - 149	3	29
o-Xylene	ND		10.0	9.26		ug/L		93	61 - 150	0	20
sec-Butylbenzene	ND		10.0	8.95		ug/L		90	57 - 148	1	31
Styrene	ND		10.0	9.14		ug/L		91	53 - 146	2	22
tert-Butylbenzene	ND		10.0	8.94		ug/L		89	56 - 148	0	28
Tetrachloroethene	6.5		10.0	18.8		ug/L		123	52 - 156	1	26
Toluene	ND		10.0	9.19		ug/L		92	62 - 145	0	21
trans-1,2-Dichloroethene	ND		10.0	8.95		ug/L		89	54 - 142	2	25
trans-1,3-Dichloropropene	ND		10.0	8.29		ug/L		83	66 - 146	1	20
Trichloroethene	28		10.0	40.9		ug/L		132	35 - 163	4	21
Trichlorofluoromethane	ND		10.0	9.58	J	ug/L		96	75 - 151	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	9.40	J	ug/L		94	35 - 132	1	36
Vinyl acetate	ND	*-	10.0	7.54	J	ug/L		75	61 - 170	3	27
Vinyl chloride	ND		10.0	8.90		ug/L		89	75 - 139	3	20
1,2-Dibromoethane (EDB)	ND		10.0	8.41		ug/L		84	69 - 139	3	20
2-Butanone (MEK)	ND		10.0	7.25	J	ug/L		73	48 - 141	8	26
4-Methyl-2-pentanone (MIBK)	ND		10.0	7.90	J	ug/L		79	63 - 139	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		68 - 135
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	94		80 - 120
4-Bromofluorobenzene (Surr)	102		71 - 120

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 570-184057/4
Matrix: Water
Analysis Batch: 184057

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		1.0	0.078	ug/L			10/05/21 10:44	1
Ethane	ND		1.0	0.13	ug/L			10/05/21 10:44	1
Ethylene	ND		1.0	0.13	ug/L			10/05/21 10:44	1

Lab Sample ID: LCS 570-184057/2
Matrix: Water
Analysis Batch: 184057

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane	12.9	12.0		ug/L		92	80 - 120
Ethane	25.7	23.3		ug/L		90	80 - 120
Ethylene	32.5	29.2		ug/L		90	80 - 120

Lab Sample ID: LCSD 570-184057/3
Matrix: Water
Analysis Batch: 184057

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methane	12.9	11.9		ug/L		92	80 - 120	0	20
Ethane	25.7	23.2		ug/L		90	80 - 120	0	20
Ethylene	32.5	29.2		ug/L		90	80 - 120	0	20

Lab Sample ID: 440-289412-10 DU
Matrix: Water
Analysis Batch: 184057

Client Sample ID: MW-26D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Methane	ND		ND		ug/L		NC	20
Ethane	ND		ND		ug/L		NC	20
Ethylene	ND		ND		ug/L		NC	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 440-657669/6
Matrix: Water
Analysis Batch: 657669

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.11	0.055	mg/L			09/28/21 15:13	1

Lab Sample ID: LCS 440-657669/7
Matrix: Water
Analysis Batch: 657669

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	1.13	1.15		mg/L		102	90 - 110

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 440-657670/6
Matrix: Water
Analysis Batch: 657670

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/28/21 15:13	1
Sulfate	ND		1.0	0.25	mg/L			09/28/21 15:13	1

Lab Sample ID: LCS 440-657670/7
Matrix: Water
Analysis Batch: 657670

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	5.05		mg/L		101	90 - 110
Sulfate	5.00	5.29		mg/L		106	90 - 110

Lab Sample ID: MB 440-657672/6
Matrix: Water
Analysis Batch: 657672

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/28/21 15:12	1
Sulfate	ND		1.0	0.25	mg/L			09/28/21 15:12	1

Lab Sample ID: LCS 440-657672/5
Matrix: Water
Analysis Batch: 657672

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	4.77		mg/L		95	90 - 110
Sulfate	5.00	4.91		mg/L		98	90 - 110

Lab Sample ID: 440-289412-12 MS
Matrix: Water
Analysis Batch: 657672

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	310		100	429	E	mg/L		118	80 - 120
Sulfate	5600	E	100	5820	E 4	mg/L		184	80 - 120

Lab Sample ID: 440-289412-12 MSD
Matrix: Water
Analysis Batch: 657672

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	310		100	431	E	mg/L		120	80 - 120	0	20
Sulfate	5600	E	100	5840	E 4	mg/L		209	80 - 120	0	20

Lab Sample ID: MB 440-657789/6
Matrix: Water
Analysis Batch: 657789

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.11	0.055	mg/L			09/29/21 16:57	1

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 440-657789/5
Matrix: Water
Analysis Batch: 657789

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	1.13	1.16		mg/L		102	90 - 110

Lab Sample ID: 440-289412-15 MS
Matrix: Water
Analysis Batch: 657789

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	20		22.6	41.5		mg/L		96	80 - 120

Lab Sample ID: 440-289412-15 MSD
Matrix: Water
Analysis Batch: 657789

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Nitrate as N	20		22.6	41.7		mg/L		96	80 - 120	0	20

Lab Sample ID: MB 440-657790/6
Matrix: Water
Analysis Batch: 657790

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/29/21 16:57	1

Lab Sample ID: LCS 440-657790/5
Matrix: Water
Analysis Batch: 657790

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	4.99		mg/L		100	90 - 110

Lab Sample ID: 440-289412-15 MS
Matrix: Water
Analysis Batch: 657790

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250		100	345		mg/L		97	80 - 120

Lab Sample ID: 440-289412-15 MSD
Matrix: Water
Analysis Batch: 657790

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Chloride	250		100	346		mg/L		97	80 - 120	0	20

Lab Sample ID: MB 440-657797/6
Matrix: Water
Analysis Batch: 657797

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/29/21 16:53	1

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 440-657797/6
Matrix: Water
Analysis Batch: 657797

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.0	0.25	mg/L			09/29/21 16:53	1

Lab Sample ID: LCS 440-657797/5
Matrix: Water
Analysis Batch: 657797

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	4.87		mg/L		97	90 - 110
Sulfate	5.00	4.92		mg/L		98	90 - 110

Lab Sample ID: 440-289484-H-13 MS
Matrix: Water
Analysis Batch: 657797

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	170		250	423		mg/L		101	80 - 120
Sulfate	390		250	649		mg/L		103	80 - 120

Lab Sample ID: 440-289484-H-13 MSD
Matrix: Water
Analysis Batch: 657797

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	170		250	425		mg/L		102	80 - 120	1	20
Sulfate	390		250	649		mg/L		103	80 - 120	0	20

Lab Sample ID: MB 440-657860/6
Matrix: Water
Analysis Batch: 657860

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/30/21 13:25	1

Lab Sample ID: LCS 440-657860/5
Matrix: Water
Analysis Batch: 657860

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	4.90		mg/L		98	90 - 110

Lab Sample ID: 440-289530-D-6 MS
Matrix: Water
Analysis Batch: 657860

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	62	E	5.00	67.4	E 4	mg/L		113	80 - 120

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 440-289530-D-6 MSD
Matrix: Water
Analysis Batch: 657860

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	62	E	5.00	67.6	E 4	mg/L		117	80 - 120	0	20

Method: 300.0 - Anions, Ion Chromatography - DL

Lab Sample ID: 440-289412-10 MS
Matrix: Water
Analysis Batch: 657669

Client Sample ID: MW-26D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N - DL	21		56.5	75.1		mg/L		96	80 - 120

Lab Sample ID: 440-289412-10 MSD
Matrix: Water
Analysis Batch: 657669

Client Sample ID: MW-26D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N - DL	21		56.5	75.5		mg/L		97	80 - 120	1	20

Lab Sample ID: 440-289412-10 MS
Matrix: Water
Analysis Batch: 657670

Client Sample ID: MW-26D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride - DL	190		250	437		mg/L		97	80 - 120
Sulfate - DL	170		250	417		mg/L		99	80 - 120

Lab Sample ID: 440-289412-10 MSD
Matrix: Water
Analysis Batch: 657670

Client Sample ID: MW-26D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride - DL	190		250	438		mg/L		97	80 - 120	0	20
Sulfate - DL	170		250	422		mg/L		101	80 - 120	1	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 440-657779/1-B
Matrix: Water
Analysis Batch: 657908

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 657851

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1
Arsenic	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1
Barium	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1
Beryllium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 15:58	1
Cadmium	ND		0.0010	0.00025	mg/L		09/30/21 10:59	09/30/21 15:58	1
Chromium	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1
Cobalt	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1
Copper	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1
Lead	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

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

Lab Sample ID: MB 440-657779/1-B
Matrix: Water
Analysis Batch: 657908

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 657851

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1
Nickel	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1
Selenium	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1
Silver	ND		0.0010	0.00050	mg/L		09/30/21 10:59	09/30/21 15:58	1
Thallium	ND		0.0010	0.00020	mg/L		09/30/21 10:59	09/30/21 15:58	1
Vanadium	ND		0.0010	0.0010	mg/L		09/30/21 10:59	09/30/21 15:58	1
Zinc	ND		0.020	0.0025	mg/L		09/30/21 10:59	09/30/21 15:58	1

Lab Sample ID: LCS 440-657779/2-B
Matrix: Water
Analysis Batch: 657908

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 657851

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0800	0.0705		mg/L		88	80 - 120
Arsenic	0.0800	0.0668		mg/L		83	80 - 120
Barium	0.0800	0.0677		mg/L		85	80 - 120
Beryllium	0.0800	0.0651		mg/L		81	80 - 120
Cadmium	0.0800	0.0673		mg/L		84	80 - 120
Chromium	0.0800	0.0669		mg/L		84	80 - 120
Cobalt	0.0800	0.0667		mg/L		83	80 - 120
Copper	0.0800	0.0667		mg/L		83	80 - 120
Lead	0.0800	0.0665		mg/L		83	80 - 120
Molybdenum	0.0800	0.0673		mg/L		84	80 - 120
Nickel	0.0800	0.0672		mg/L		84	80 - 120
Selenium	0.0800	0.0676		mg/L		85	80 - 120
Silver	0.0800	0.0665		mg/L		83	80 - 120
Thallium	0.0800	0.0654		mg/L		82	80 - 120
Vanadium	0.0800	0.0666		mg/L		83	80 - 120
Zinc	0.0800	0.0690		mg/L		86	80 - 120

Lab Sample ID: 440-289412-10 MS
Matrix: Water
Analysis Batch: 657908

Client Sample ID: MW-26D
Prep Type: Dissolved
Prep Batch: 657851

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.0800	0.0707		mg/L		88	75 - 125
Arsenic	0.00051	J	0.0800	0.0682		mg/L		85	75 - 125
Barium	0.062		0.0800	0.128		mg/L		82	75 - 125
Beryllium	ND		0.0800	0.0628		mg/L		78	75 - 125
Cadmium	ND		0.0800	0.0650		mg/L		81	75 - 125
Chromium	0.0058		0.0800	0.0709		mg/L		81	75 - 125
Cobalt	ND		0.0800	0.0631		mg/L		79	75 - 125
Copper	ND		0.0800	0.0621		mg/L		78	75 - 125
Lead	ND		0.0800	0.0632		mg/L		79	75 - 125
Molybdenum	0.0046		0.0800	0.0743		mg/L		87	75 - 125
Nickel	ND		0.0800	0.0622		mg/L		78	75 - 125
Selenium	0.0057		0.0800	0.0702		mg/L		81	75 - 125
Silver	ND		0.0800	0.0639		mg/L		80	75 - 125
Thallium	ND		0.0800	0.0628		mg/L		79	75 - 125

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

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

Lab Sample ID: 440-289412-10 MS
Matrix: Water
Analysis Batch: 657908

Client Sample ID: MW-26D
Prep Type: Dissolved
Prep Batch: 657851

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Vanadium	0.0036		0.0800	0.0704		mg/L		83	75 - 125
Zinc	0.0027	J	0.0800	0.0649		mg/L		78	75 - 125

Lab Sample ID: 440-289412-10 MSD
Matrix: Water
Analysis Batch: 657908

Client Sample ID: MW-26D
Prep Type: Dissolved
Prep Batch: 657851

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	ND		0.0800	0.0725		mg/L		91	75 - 125	3	20
Arsenic	0.00051	J	0.0800	0.0690		mg/L		86	75 - 125	1	20
Barium	0.062		0.0800	0.129		mg/L		83	75 - 125	1	20
Beryllium	ND		0.0800	0.0648		mg/L		81	75 - 125	3	20
Cadmium	ND		0.0800	0.0660		mg/L		82	75 - 125	2	20
Chromium	0.0058		0.0800	0.0727		mg/L		84	75 - 125	2	20
Cobalt	ND		0.0800	0.0645		mg/L		81	75 - 125	2	20
Copper	ND		0.0800	0.0635		mg/L		79	75 - 125	2	20
Lead	ND		0.0800	0.0647		mg/L		81	75 - 125	2	20
Molybdenum	0.0046		0.0800	0.0763		mg/L		90	75 - 125	3	20
Nickel	ND		0.0800	0.0638		mg/L		80	75 - 125	3	20
Selenium	0.0057		0.0800	0.0720		mg/L		83	75 - 125	3	20
Silver	ND		0.0800	0.0654		mg/L		82	75 - 125	2	20
Thallium	ND		0.0800	0.0642		mg/L		80	75 - 125	2	20
Vanadium	0.0036		0.0800	0.0715		mg/L		85	75 - 125	2	20
Zinc	0.0027	J	0.0800	0.0670		mg/L		80	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 440-657779/1-C
Matrix: Water
Analysis Batch: 658343

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 658287

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/07/21 09:53	10/07/21 15:21	1

Lab Sample ID: LCS 440-657779/2-C
Matrix: Water
Analysis Batch: 658343

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 658287

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00600	0.00639		mg/L		106	80 - 120

Lab Sample ID: 440-289412-10 MS
Matrix: Water
Analysis Batch: 658343

Client Sample ID: MW-26D
Prep Type: Dissolved
Prep Batch: 658287

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00600	0.00625		mg/L		104	75 - 125

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 440-289412-10 MSD
 Matrix: Water
 Analysis Batch: 658343

Client Sample ID: MW-26D
 Prep Type: Dissolved
 Prep Batch: 658287

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00600	0.00618		mg/L		103	75 - 125	1	20

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

Lab Sample ID: MB 440-657864/1
 Matrix: Water
 Analysis Batch: 657864

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			10/01/21 09:43	1

Lab Sample ID: LCS 440-657864/2
 Matrix: Water
 Analysis Batch: 657864

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	1000	974		mg/L		97	90 - 110

Lab Sample ID: 440-289412-10 DU
 Matrix: Water
 Analysis Batch: 657864

Client Sample ID: MW-26D
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1000		990		mg/L		2	5

Lab Sample ID: 440-289412-14 DU
 Matrix: Water
 Analysis Batch: 657864

Client Sample ID: SS-2
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2200		2220		mg/L		1	5

Method: SM 3500 Fe B - Iron, Ferrous

Lab Sample ID: MB 570-183599/4
 Matrix: Water
 Analysis Batch: 183599

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND		0.10	0.019	mg/L			10/02/21 16:06	1

Lab Sample ID: LCS 570-183599/5
 Matrix: Water
 Analysis Batch: 183599

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	1.00	0.995		mg/L		99	79 - 114

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Method: SM 3500 Fe B - Iron, Ferrous (Continued)

Lab Sample ID: LCSD 570-183599/6
Matrix: Water
Analysis Batch: 183599

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ferrous Iron	1.00	0.990		mg/L		99	79 - 114	1	11

Lab Sample ID: 570-71638-F-1 MS
Matrix: Water
Analysis Batch: 183599

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ferrous Iron	0.41		1.00	1.44		mg/L		103	65 - 128		

Lab Sample ID: 570-71638-F-1 MSD
Matrix: Water
Analysis Batch: 183599

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ferrous Iron	0.41		1.00	1.42		mg/L		101	65 - 128	1	9

Lab Sample ID: 440-289412-10 DU
Matrix: Water
Analysis Batch: 183599

Client Sample ID: MW-26D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ferrous Iron	ND	HF	ND	HF	mg/L		NC	9

QC Association Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

GC/MS VOA

Analysis Batch: 184963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-1	TB-092821-1	Total/NA	Water	8260B	
440-289412-2	MW-12	Total/NA	Water	8260B	
440-289412-3	SS-1	Total/NA	Water	8260B	
440-289412-4	MW-30	Total/NA	Water	8260B	
440-289412-5	CB-1	Total/NA	Water	8260B	
440-289412-6	MW-13	Total/NA	Water	8260B	
440-289412-7	MW-8	Total/NA	Water	8260B	
440-289412-8	EB-092821-1	Total/NA	Water	8260B	
440-289412-9	TB-092821-2	Total/NA	Water	8260B	
440-289412-10	MW-26D	Total/NA	Water	8260B	
440-289412-11	MW-1D	Total/NA	Water	8260B	
440-289412-12	MW-16	Total/NA	Water	8260B	
440-289412-13	FB-092821-2	Total/NA	Water	8260B	
440-289412-14	SS-2	Total/NA	Water	8260B	
440-289412-15	MW-11D	Total/NA	Water	8260B	
440-289412-16	EB-092821-2	Total/NA	Water	8260B	
MB 570-184963/6	Method Blank	Total/NA	Water	8260B	
LCS 570-184963/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-184963/4	Lab Control Sample Dup	Total/NA	Water	8260B	
440-289412-10 MS	MW-26D	Total/NA	Water	8260B	
440-289412-10 MSD	MW-26D	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 184057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-10	MW-26D	Total/NA	Water	RSK-175	
440-289412-13	FB-092821-2	Total/NA	Water	RSK-175	
440-289412-14	SS-2	Total/NA	Water	RSK-175	
440-289412-15	MW-11D	Total/NA	Water	RSK-175	
440-289412-16	EB-092821-2	Total/NA	Water	RSK-175	
MB 570-184057/4	Method Blank	Total/NA	Water	RSK-175	
LCS 570-184057/2	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 570-184057/3	Lab Control Sample Dup	Total/NA	Water	RSK-175	
440-289412-10 DU	MW-26D	Total/NA	Water	RSK-175	

HPLC/IC

Analysis Batch: 657669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-10 - DL	MW-26D	Total/NA	Water	300.0	
440-289412-13	FB-092821-2	Total/NA	Water	300.0	
440-289412-14	SS-2	Total/NA	Water	300.0	
440-289412-16	EB-092821-2	Total/NA	Water	300.0	
MB 440-657669/6	Method Blank	Total/NA	Water	300.0	
LCS 440-657669/7	Lab Control Sample	Total/NA	Water	300.0	
440-289412-10 MS - DL	MW-26D	Total/NA	Water	300.0	
440-289412-10 MSD - DL	MW-26D	Total/NA	Water	300.0	

Analysis Batch: 657670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-2	MW-12	Total/NA	Water	300.0	

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QC Association Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

HPLC/IC (Continued)

Analysis Batch: 657670 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-3	SS-1	Total/NA	Water	300.0	
440-289412-4	MW-30	Total/NA	Water	300.0	
440-289412-4	MW-30	Total/NA	Water	300.0	
440-289412-6	MW-13	Total/NA	Water	300.0	
440-289412-10 - DL	MW-26D	Total/NA	Water	300.0	
440-289412-13	FB-092821-2	Total/NA	Water	300.0	
440-289412-14	SS-2	Total/NA	Water	300.0	
440-289412-14	SS-2	Total/NA	Water	300.0	
440-289412-15	MW-11D	Total/NA	Water	300.0	
440-289412-16	EB-092821-2	Total/NA	Water	300.0	
MB 440-657670/6	Method Blank	Total/NA	Water	300.0	
LCS 440-657670/7	Lab Control Sample	Total/NA	Water	300.0	
440-289412-10 MS - DL	MW-26D	Total/NA	Water	300.0	
440-289412-10 MSD - DL	MW-26D	Total/NA	Water	300.0	

Analysis Batch: 657672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-7	MW-8	Total/NA	Water	300.0	
440-289412-11	MW-1D	Total/NA	Water	300.0	
440-289412-12	MW-16	Total/NA	Water	300.0	
440-289412-12 - DL	MW-16	Total/NA	Water	300.0	
MB 440-657672/6	Method Blank	Total/NA	Water	300.0	
LCS 440-657672/5	Lab Control Sample	Total/NA	Water	300.0	
440-289412-12 MS	MW-16	Total/NA	Water	300.0	
440-289412-12 MSD	MW-16	Total/NA	Water	300.0	

Analysis Batch: 657789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-15	MW-11D	Total/NA	Water	300.0	
MB 440-657789/6	Method Blank	Total/NA	Water	300.0	
LCS 440-657789/5	Lab Control Sample	Total/NA	Water	300.0	
440-289412-15 MS	MW-11D	Total/NA	Water	300.0	
440-289412-15 MSD	MW-11D	Total/NA	Water	300.0	

Analysis Batch: 657790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-15	MW-11D	Total/NA	Water	300.0	
MB 440-657790/6	Method Blank	Total/NA	Water	300.0	
LCS 440-657790/5	Lab Control Sample	Total/NA	Water	300.0	
440-289412-15 MS	MW-11D	Total/NA	Water	300.0	
440-289412-15 MSD	MW-11D	Total/NA	Water	300.0	

Analysis Batch: 657797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-8	EB-092821-1	Total/NA	Water	300.0	
MB 440-657797/6	Method Blank	Total/NA	Water	300.0	
LCS 440-657797/5	Lab Control Sample	Total/NA	Water	300.0	
440-289484-H-13 MS	Matrix Spike	Total/NA	Water	300.0	
440-289484-H-13 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

QC Association Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

HPLC/IC

Analysis Batch: 657860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-6	MW-13	Total/NA	Water	300.0	
440-289412-7	MW-8	Total/NA	Water	300.0	
MB 440-657860/6	Method Blank	Total/NA	Water	300.0	
LCS 440-657860/5	Lab Control Sample	Total/NA	Water	300.0	
440-289530-D-6 MS	Matrix Spike	Total/NA	Water	300.0	
440-289530-D-6 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Filtration Batch: 657779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-2	MW-12	Dissolved	Water	FILTRATION	
440-289412-3	SS-1	Dissolved	Water	FILTRATION	
440-289412-4	MW-30	Dissolved	Water	FILTRATION	
440-289412-6	MW-13	Dissolved	Water	FILTRATION	
440-289412-7	MW-8	Dissolved	Water	FILTRATION	
440-289412-8	EB-092821-1	Dissolved	Water	FILTRATION	
440-289412-10	MW-26D	Dissolved	Water	FILTRATION	
440-289412-11	MW-1D	Dissolved	Water	FILTRATION	
440-289412-12	MW-16	Dissolved	Water	FILTRATION	
440-289412-13	FB-092821-2	Dissolved	Water	FILTRATION	
440-289412-14	SS-2	Dissolved	Water	FILTRATION	
440-289412-15	MW-11D	Dissolved	Water	FILTRATION	
440-289412-16	EB-092821-2	Dissolved	Water	FILTRATION	
MB 440-657779/1-B	Method Blank	Dissolved	Water	FILTRATION	
MB 440-657779/1-C	Method Blank	Dissolved	Water	FILTRATION	
LCS 440-657779/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCS 440-657779/2-C	Lab Control Sample	Dissolved	Water	FILTRATION	
440-289412-10 MS	MW-26D	Dissolved	Water	FILTRATION	
440-289412-10 MSD	MW-26D	Dissolved	Water	FILTRATION	

Prep Batch: 657851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-2	MW-12	Dissolved	Water	3005A	657779
440-289412-3	SS-1	Dissolved	Water	3005A	657779
440-289412-4	MW-30	Dissolved	Water	3005A	657779
440-289412-6	MW-13	Dissolved	Water	3005A	657779
440-289412-7	MW-8	Dissolved	Water	3005A	657779
440-289412-8	EB-092821-1	Dissolved	Water	3005A	657779
440-289412-10	MW-26D	Dissolved	Water	3005A	657779
440-289412-11	MW-1D	Dissolved	Water	3005A	657779
440-289412-12	MW-16	Dissolved	Water	3005A	657779
440-289412-13	FB-092821-2	Dissolved	Water	3005A	657779
440-289412-14	SS-2	Dissolved	Water	3005A	657779
440-289412-15	MW-11D	Dissolved	Water	3005A	657779
440-289412-16	EB-092821-2	Dissolved	Water	3005A	657779
MB 440-657779/1-B	Method Blank	Dissolved	Water	3005A	657779
LCS 440-657779/2-B	Lab Control Sample	Dissolved	Water	3005A	657779
440-289412-10 MS	MW-26D	Dissolved	Water	3005A	657779
440-289412-10 MSD	MW-26D	Dissolved	Water	3005A	657779

QC Association Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Metals

Analysis Batch: 657908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-2	MW-12	Dissolved	Water	6020	657851
440-289412-3	SS-1	Dissolved	Water	6020	657851
440-289412-4	MW-30	Dissolved	Water	6020	657851
440-289412-6	MW-13	Dissolved	Water	6020	657851
440-289412-7	MW-8	Dissolved	Water	6020	657851
440-289412-8	EB-092821-1	Dissolved	Water	6020	657851
440-289412-10	MW-26D	Dissolved	Water	6020	657851
440-289412-11	MW-1D	Dissolved	Water	6020	657851
440-289412-12	MW-16	Dissolved	Water	6020	657851
440-289412-12	MW-16	Dissolved	Water	6020	657851
440-289412-13	FB-092821-2	Dissolved	Water	6020	657851
440-289412-14	SS-2	Dissolved	Water	6020	657851
440-289412-15	MW-11D	Dissolved	Water	6020	657851
440-289412-16	EB-092821-2	Dissolved	Water	6020	657851
MB 440-657779/1-B	Method Blank	Dissolved	Water	6020	657851
LCS 440-657779/2-B	Lab Control Sample	Dissolved	Water	6020	657851
440-289412-10 MS	MW-26D	Dissolved	Water	6020	657851
440-289412-10 MSD	MW-26D	Dissolved	Water	6020	657851

Prep Batch: 658287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-2	MW-12	Dissolved	Water	7470A	657779
440-289412-3	SS-1	Dissolved	Water	7470A	657779
440-289412-4	MW-30	Dissolved	Water	7470A	657779
440-289412-6	MW-13	Dissolved	Water	7470A	657779
440-289412-7	MW-8	Dissolved	Water	7470A	657779
440-289412-8	EB-092821-1	Dissolved	Water	7470A	657779
440-289412-10	MW-26D	Dissolved	Water	7470A	657779
440-289412-11	MW-1D	Dissolved	Water	7470A	657779
440-289412-12	MW-16	Dissolved	Water	7470A	657779
440-289412-13	FB-092821-2	Dissolved	Water	7470A	657779
440-289412-14	SS-2	Dissolved	Water	7470A	657779
440-289412-15	MW-11D	Dissolved	Water	7470A	657779
440-289412-16	EB-092821-2	Dissolved	Water	7470A	657779
MB 440-657779/1-C	Method Blank	Dissolved	Water	7470A	657779
LCS 440-657779/2-C	Lab Control Sample	Dissolved	Water	7470A	657779
440-289412-10 MS	MW-26D	Dissolved	Water	7470A	657779
440-289412-10 MSD	MW-26D	Dissolved	Water	7470A	657779

Analysis Batch: 658343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-2	MW-12	Dissolved	Water	7470A	658287
440-289412-3	SS-1	Dissolved	Water	7470A	658287
440-289412-4	MW-30	Dissolved	Water	7470A	658287
440-289412-6	MW-13	Dissolved	Water	7470A	658287
440-289412-7	MW-8	Dissolved	Water	7470A	658287
440-289412-10	MW-26D	Dissolved	Water	7470A	658287
MB 440-657779/1-C	Method Blank	Dissolved	Water	7470A	658287
LCS 440-657779/2-C	Lab Control Sample	Dissolved	Water	7470A	658287
440-289412-10 MS	MW-26D	Dissolved	Water	7470A	658287
440-289412-10 MSD	MW-26D	Dissolved	Water	7470A	658287

Eurofins Calscience Irvine

QC Association Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Metals

Analysis Batch: 658354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-8	EB-092821-1	Dissolved	Water	7470A	658287
440-289412-11	MW-1D	Dissolved	Water	7470A	658287
440-289412-12	MW-16	Dissolved	Water	7470A	658287
440-289412-13	FB-092821-2	Dissolved	Water	7470A	658287
440-289412-14	SS-2	Dissolved	Water	7470A	658287
440-289412-15	MW-11D	Dissolved	Water	7470A	658287
440-289412-16	EB-092821-2	Dissolved	Water	7470A	658287

General Chemistry

Analysis Batch: 183599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-10	MW-26D	Total/NA	Water	SM 3500 Fe B	
440-289412-13	FB-092821-2	Total/NA	Water	SM 3500 Fe B	
440-289412-14	SS-2	Total/NA	Water	SM 3500 Fe B	
440-289412-15	MW-11D	Total/NA	Water	SM 3500 Fe B	
440-289412-16	EB-092821-2	Total/NA	Water	SM 3500 Fe B	
MB 570-183599/4	Method Blank	Total/NA	Water	SM 3500 Fe B	
LCS 570-183599/5	Lab Control Sample	Total/NA	Water	SM 3500 Fe B	
LCS 570-183599/6	Lab Control Sample Dup	Total/NA	Water	SM 3500 Fe B	
570-71638-F-1 MS	Matrix Spike	Total/NA	Water	SM 3500 Fe B	
570-71638-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 3500 Fe B	
440-289412-10 DU	MW-26D	Total/NA	Water	SM 3500 Fe B	

Analysis Batch: 657864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289412-2	MW-12	Total/NA	Water	SM 2540C	
440-289412-3	SS-1	Total/NA	Water	SM 2540C	
440-289412-4	MW-30	Total/NA	Water	SM 2540C	
440-289412-6	MW-13	Total/NA	Water	SM 2540C	
440-289412-7	MW-8	Total/NA	Water	SM 2540C	
440-289412-8	EB-092821-1	Total/NA	Water	SM 2540C	
440-289412-10	MW-26D	Total/NA	Water	SM 2540C	
440-289412-11	MW-1D	Total/NA	Water	SM 2540C	
440-289412-12	MW-16	Total/NA	Water	SM 2540C	
440-289412-13	FB-092821-2	Total/NA	Water	SM 2540C	
440-289412-14	SS-2	Total/NA	Water	SM 2540C	
440-289412-15	MW-11D	Total/NA	Water	SM 2540C	
440-289412-16	EB-092821-2	Total/NA	Water	SM 2540C	
MB 440-657864/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 440-657864/2	Lab Control Sample	Total/NA	Water	SM 2540C	
440-289412-10 DU	MW-26D	Total/NA	Water	SM 2540C	
440-289412-14 DU	SS-2	Total/NA	Water	SM 2540C	

Definitions/Glossary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

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

HPLC/IC

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Definitions/Glossary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

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Accreditation/Certification Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289412-1

Laboratory: Eurofins Calscience Irvine

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

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-22
Oregon	NELAP	4028 - 011	01-29-22

Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
RSK-175		Water	Ethane
RSK-175		Water	Ethylene
RSK-175		Water	Methane
Oregon	NELAP		CA300001
			01-30-22



LAB: TEST AMERICA
Irvine, CA

CHAIN-OF-CUSTODY RECORD
DATE 9/28/21
PAGE 1 OF 2

W/O NO. / LAB USE ONLY

LABORATORY CLIENT: Exide Technologies / DUDEK
ADDRESS: 605 Third Street
CITY: Encinitas STATE: CA ZIP: 92024
TEL: 760-479-4152 E-MAIL: Npeacock@Dudek.com

CLIENT PROJECT NAME / NO: Exide Technologies / 1363
PROJECT CONTACT: Nicole Peacock
GLOBAL ID:
LOG CODE:
P.O. NO: 13743
Sampler(s): (Signature) *[Signature]*
Sampler(s): (PRINT) Ben Stevens

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
EOD:
 COELT EDF OTHER

SPECIAL INSTRUCTIONS:
-Level 2 Reporting
-Report all with "J flags" (down to MDL)
-Results to Nicole Peacock
-Invoice Dudek
Samples are not field filtered

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT	PRESERVATION			Field Filtered	VOCS EPA 826B (samples have HCl preservative)	Dissolved Metals (T22) EPA 6020/7470A (lab filtered)	Sulfate and Chloride EPA 300	TDS SM 2540C	Dissolved gases (methane, ethane, ethene) RSK 175	Ferrous Iron SM 3500 Fe B	Nitrate EPA 300	
		DATE	TIME			Unpreserved	Preserved	2									3
	TB 092821-1	9/28/21	0700	W	2		2	3		X	X	X	X				
	MW-12		0836		5		2	3		X	X	X	X				
	SS-1		0846		5		2	3		X	X	X	X				
	MW 30		1055		5		2	3		X	X	X	X				
	CB-1		1130		1		2	3		X	X	X	X				
	MW-13		1256		5		2	3		X	X	X	X				
	MW-8		1427		5		2	3		X	X	X	X				
	E13 092821-1		1440		5		2	3		X	X	X	X				

Requested Analyses: Please check box or fill in blank as needed.

Barcode: 440-289412 Chain of Custody

Relinquished by (Signature) *[Signature]* Date: 9/28/21 Time: 1500
 Relinquished by (Signature) *[Signature]* Date: 9/28/21 Time: 1544
 Relinquished by (Signature) *[Signature]* Date: 9/28/21 Time: 1745

Received by (Signature/Affiliation) *[Signature]* Date: 05/04 09/08 1040



LAB NO. / LAB USE ONLY

LABORATORY CLIENT: Exide Technologies / DUDEK		CLIENT PROJECT NAME / NO. Exide Technologies / 1363		P.O. NO. 13743											
ADDRESS: 605 3rd Street		PROJECT CONTACT: Nicole Peacock		Sampler(s): (Signature) <i>[Signature]</i>											
CITY: Encinitas		GLOBAL ID:		SAMPLER(S): (PRINT) Danny Rice											
STATE: CA		LOG CODE:													
E-MAIL: Npeacock@Dudek.com															
ZIP: 92024															
TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 5 DAYS <input checked="" type="checkbox"/> STANDARD EDD:															
SPECIAL INSTRUCTIONS: -Level 2 Reporting -Report all with "J flags" (down to MDL) -Results to Nicole Peacock -Invoice Dudek Samples are <u>not</u> field filtered															
LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT	Field Filtered	VOCs EPA 826B (samples have HCl preservative)	Dissolved Metals (T22) EPA 6020/7470A (Lab filtered)	Sulfate and Chloride EPA 300	TDS SM 2540C	Dissolved gases (methane, ethane, ethene) RSK 175	Ferrous Iron SM 3500 Fe B	Nitrate EPA 300	MS/MD	REQUESTED ANALYSES Please check box or fill in blank as needed.
		DATE	TIME												
	TB-092821-2	9/28/21	0800	W	2	X	X	X	X	X	X	X	X		
	MW-26D	9/28/21	0834	GW	16	X	X	X	X	X	X	X	X		
	MW-1D	9/28/21	1004	GW	5	X	X	X	X	X	X	X	X		
	MW-16	9/28/21	1215	GW	5	X	X	X	X	X	X	X	X		
	FB-092821-2	9/28/21	1230	W	8	X	X	X	X	X	X	X	X		
	SS-2	9/28/21	1335	GW	8	X	X	X	X	X	X	X	X		
	MW-11D	9/28/21	1403	GW	8	X	X	X	X	X	X	X	X		
	EB-092821-2	9/28/21	1440	GW	8	X	X	X	X	X	X	X	X		
Relinquished by (Signature) <i>[Signature]</i>						Received by (Signature/Affiliation) <i>[Signature]</i> DADK						Date: 9/28/21 Time: 1500			
Relinquished by (Signature) <i>[Signature]</i>						Received by (Signature/Affiliation) <i>[Signature]</i> EC IRV						Date: 9/28/21 Time: 1544			
Relinquished by (Signature) <i>[Signature]</i>						Received by (Signature/Affiliation) <i>[Signature]</i> EC IRV						Date: 9/30/21 Time: 1745			



Chain of Custody Record



Client Information (Sub Contract Lab)		Lab PM: Roberts, Danielle C	Carrier Tracking No(s): 440-173864.1								
Client Contact: Shipping/Receiving		E-Mail: Danielle.Roberts@Eurofins.com	State of Origin: California								
Company: Eurofins Calscience LLC		Accreditations Required (See note): NELAP - Oregon, State - California, State Program - Cal									
Address: 7440 Lincoln Way, Garden Grove State Zip CA, 92841		Job #: 440-289412-1									
Phone: 714-895-5494(Tel) 714-894-7501(Fax)		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:									
Email:		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)									
Project Name: Exide Water		Analysis Requested									
Site: SSOW#:		3500_F+2_B_Calc/ Ferrous Iron									
Due Date Requested 10/11/2021		RSK_175/ Methane, Ethane, and Ethene									
TAT Requested (days):		8260B_LU5030C (MOD) 8260 B LL									
FO #:		Perform MS/MSD (Yes or No)									
WO #:		Field Filtered Sample (Yes or No)									
Project #: 44025499		Total Number of Containers									
SSOW#:		Special Instructions/Note:									
Sample Identification - Client ID (Lab ID)											
Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Swab, Overstabil, Other)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	RSK_175/ Methane, Ethane, and Ethene	3500_F+2_B_Calc/ Ferrous Iron	Total Number of Containers	Special Instructions/Note:
TB-092821-1 (440-289412-1)	9/28/21	07:00 Pacific	Water	Water		X	X			2	
MW-12 (440-289412-2)	9/28/21	08:36 Pacific	Water	Water		X	X			3	
SS-1 (440-289412-3)	9/28/21	08:46 Pacific	Water	Water		X	X			3	
MW-30 (440-289412-4)	9/28/21	10:55 Pacific	Water	Water		X	X			3	
CB-1 (440-289412-5)	9/28/21	11:30 Pacific	Water	Water		X	X			1	
MW-13 (440-289412-6)	9/28/21	12:56 Pacific	Water	Water		X	X			3	
MW-8 (440-289412-7)	9/28/21	14:27 Pacific	Water	Water		X	X			3	
EB-092821-1 (440-289412-8)	9/28/21	14:40 Pacific	Water	Water		X	X			3	
TB-092821-2 (440-289412-9)	9/28/21	08:00 Pacific	Water	Water		X	X			2	

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2

Empty K₂Cr₂O₇ Requisitioned by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date/Time: 9/29/21 0900 Company: E214
 Relinquished by: _____ Date/Time: _____ Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: _____
 Δ Yes Δ No
 Custody Seal No. 104
 Cooler Temperature(s) °C and Other Remarks: 22/1.8, 5cc

Special Instructions/QC Requirements
 Return To Client Disposal By Lab Archive For _____ Months

Method of Shipment: _____

Chain of Custody Record



Environment Testing
 America

Client Information (Sub Contract Lab)		Sampler	Lab PM:	Carrier Tracking No(s):	COC No:	
Shipping/Receiving		Phone:	Roberts, Danielle C		440-173864.2	
Company		E-Mail:	Danielle.Roberts@Eurofinsnet.com	State of Origin:	Page 2 of 3	
Address:		Accreditations Required (See note):		Job #:	440-289412-1	
7440 Lincoln Way,		NELAP - Oregon; State - California, State Program - Cal		Preservation Codes		
City:		Due Date Requested:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		
Garden Grove		TAT Requested (days):		M - Hexane N - None O - AsNaO2 P - Na2OAS Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecylhydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)		
State, Zip		PO #:		Total Number of Containers		
CA, 92841		WO #:				
Phone:		Project #:				
714-895-5494(Tel) 714-894-7501(Fax)		44025499				
Email:		SSOW#:				
Project Name:		Field Filtered Sample (Yes or No)				
Exide Water		Perform MS/MSD (Yes or No)				
Site		8260B_LL/5030C (MOD) 8260 B LL				
		RSK_175I Methane, Ethane, and Ethene				
		3500_F+2_B_Calc/ Ferrous Iron				
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Onwaste, Air)	Preservation Code	Special Instructions/Note
MW-26D (440-289412-10)	9/28/21	08:34 Pacific	Water	Water		
MW-26D (440-289412-10DU)	9/28/21	08:34 Pacific	DU	Water		
MW-26D (440-289412-10MS)	9/28/21	08:34 Pacific	MS	Water		
MW-26D (440-289412-10MSD)	9/28/21	08:34 Pacific	MSD	Water		
MW-1D (440-289412-11)	9/28/21	10:04 Pacific	Water	Water		
MW-16 (440-289412-12)	9/28/21	12:15 Pacific	Water	Water		
FB-092821-2 (440-289412-13)	9/28/21	12:30 Pacific	Water	Water		
SS-2 (440-289412-14)	9/28/21	13:35 Pacific	Water	Water		
MW-11D (440-289412-15)	9/28/21	14:03 Pacific	Water	Water		

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody if the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed. The samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience.

Possible Hazard Identification
 Unconfirmed
 Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2
 Special Instructions/QC Requirements: Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Relinquished by _____ Date/Time: _____ Method of Shipment: _____
 Relinquished by _____ Date/Time: _____ Received by: _____ Date/Time: _____ Company: _____
 Relinquished by _____ Date/Time: _____ Received by: _____ Date/Time: _____ Company: _____
 Relinquished by _____ Date/Time: _____ Received by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No Δ No Δ No
 Cooler Temperature(s) °C and Other Remarks: 2.2/1.85°C



Login Sample Receipt Checklist

Client: Dudek & Associates

Job Number: 440-289412-1

Login Number: 289412

List Source: Eurofins Calscience Irvine

List Number: 1

Creator: Escalante, Maria I

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Dudek & Associates

Job Number: 440-289412-1

Login Number: 289412

List Number: 2

Creator: Ortiz-Luis, Michael

List Source: Eurofins Calscience LLC

List Creation: 09/29/21 02:28 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

Eurofins Calscience Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

Laboratory Job ID: 440-289484-1

Client Project/Site: Exide Technologies / 1363

For:

Dudek & Associates
605 3rd Street
Encinitas, California 92024

Attn: Nicole Peacock



Authorized for release by:
10/13/2021 3:55:51 PM

Danielle Roberts, Senior Project Manager
(949)260-3249

Danielle.Roberts@Eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Sample Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-289484-1	TB-092921-1	Water	09/29/21 07:00	09/29/21 18:13
440-289484-2	MW-14	Water	09/29/21 09:49	09/29/21 18:13
440-289484-3	SS-3	Water	09/29/21 09:59	09/29/21 18:13
440-289484-4	FB-092921-1	Water	09/29/21 10:25	09/29/21 18:13
440-289484-5	SI-4	Water	09/29/21 12:53	09/29/21 18:13
440-289484-6	SI-2	Water	09/29/21 13:15	09/29/21 18:13
440-289484-7	EB-092921-1	Water	09/29/21 13:40	09/29/21 18:13
440-289484-8	TB-092921-2	Water	09/29/21 08:00	09/29/21 18:13
440-289484-9	MW-22D	Water	09/29/21 11:05	09/29/21 18:13
440-289484-10	MW-22	Water	09/29/21 10:30	09/29/21 18:13
440-289484-11	MW-24D	Water	09/29/21 09:30	09/29/21 18:13
440-289484-12	MW-25D	Water	09/29/21 08:58	09/29/21 18:13
440-289484-13	MW-12D	Water	09/29/21 13:39	09/29/21 18:13
440-289484-14	EB-092921-2	Water	09/29/21 14:15	09/29/21 18:13

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Case Narrative

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Job ID: 440-289484-1

Laboratory: Eurofins Calscience Irvine

Narrative

Job Narrative 440-289484-1

Comments

No additional comments.

Receipt

The samples were received on 9/29/2021 6:13 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.7° C and 0.8° C.

GC/MS VOA

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 570-185172 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260B: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: SI-2 (440-289484-6). Elevated reporting limits (RLs) are provided.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-185637. A laboratory LCS/LCSD was analyzed to provide precision data.

Method 8260B: The result reported for Trichloroethene for the following sample may be attributed to carryover from an earlier analysis: SI-4 (440-289484-5). There was insufficient sample volume to perform a re-analysis; therefore, the data have been reported.

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

HPLC/IC

Method 300.0: The following sample was diluted due to the nature of the sample matrix: MW-22D (440-289484-9). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were diluted due to the nature of the sample matrix: MW-22D (440-289484-9) and MW-22 (440-289484-10). Elevated reporting limits (RLs) are provided.

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

Air Toxics

Method RSK-175: Ambient laboratory temperature was outside of 20 - 25 °C at the time of analysis for samples associated with batch analytical batch 570-184814 .

(MB 570-184814/4)

Method RSK-175: Ambient laboratory temperature was outside of 20 - 25 °C at the time of analysis for samples associated with batch analytical batch 570-185032 .

(MB 570-185032/4)

Method RSK-175: The following volatile sample was analyzed with significant headspace in the sample container(s): MW-12D (440-289484-13[DU]). Significant headspace is defined as a bubble greater than 6 mm in diameter.

MW-12D (440-289484-13[DU])

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

Metals

Method 6020: The method blank for preparation batch 440-657875 and 440-657932 and analytical batch 440-657988 contained Zinc

Case Narrative

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Job ID: 440-289484-1 (Continued)

Laboratory: Eurofins Calscience Irvine (Continued)

above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020: The continuing calibration verification (CCV) associated with batch 440-657988 recovered above the upper control limit for Beryllium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: FB-092921-1 (440-289484-4), SI-2 (440-289484-6), EB-092921-1 (440-289484-7), MW-22D (440-289484-9), MW-22 (440-289484-10), MW-25D (440-289484-12), MW-12D (440-289484-13) and EB-092921-2 (440-289484-14).

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

General Chemistry

Method SM 3500 Fe B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: FB-092921-1 (440-289484-4), MW-22D (440-289484-9), MW-25D (440-289484-12), MW-12D (440-289484-13), MW-12D (440-289484-13[DU]) and EB-092921-2 (440-289484-14).

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

VOA Prep

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



Detection Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: TB-092921-1

Lab Sample ID: 440-289484-1

No Detections.

Client Sample ID: MW-14

Lab Sample ID: 440-289484-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	2.2		1.0	0.28	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.8		1.0	0.30	ug/L	1		8260B	Total/NA
Trichloroethene - DL	360		10	2.9	ug/L	10		8260B	Total/NA
Chloride - DL	520		500	130	mg/L	500		300.0	Total/NA
Sulfate - DL	7000		500	130	mg/L	500		300.0	Total/NA
Arsenic	0.016		0.0050	0.0025	mg/L	5		6020	Dissolved
Barium	0.019		0.0050	0.0025	mg/L	5		6020	Dissolved
Beryllium	0.043		0.0050	0.0013	mg/L	5		6020	Dissolved
Cadmium	0.27		0.0050	0.0013	mg/L	5		6020	Dissolved
Cobalt	1.1		0.0050	0.0025	mg/L	5		6020	Dissolved
Copper	0.26		0.0050	0.0025	mg/L	5		6020	Dissolved
Lead	0.046		0.0050	0.0025	mg/L	5		6020	Dissolved
Nickel	1.7		0.0050	0.0025	mg/L	5		6020	Dissolved
Selenium	0.10		0.0050	0.0025	mg/L	5		6020	Dissolved
Zinc	15	B	0.10	0.013	mg/L	5		6020	Dissolved
Mercury	0.0016		0.00075	0.00010	mg/L	1		7470A	Dissolved
Total Dissolved Solids	11000		100	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SS-3

Lab Sample ID: 440-289484-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.3	J	20	4.0	ug/L	1		8260B	Total/NA
Benzene	0.30	J	0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	2.2		1.0	0.28	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	1.7		1.0	0.30	ug/L	1		8260B	Total/NA
Trichloroethene - DL	500		20	5.8	ug/L	20		8260B	Total/NA
Chloride	520		500	130	mg/L	500		300.0	Total/NA
Sulfate	7100		500	130	mg/L	500		300.0	Total/NA
Arsenic	0.014		0.0050	0.0025	mg/L	5		6020	Dissolved
Barium	0.019		0.0050	0.0025	mg/L	5		6020	Dissolved
Beryllium	0.041		0.0050	0.0013	mg/L	5		6020	Dissolved
Cadmium	0.28		0.0050	0.0013	mg/L	5		6020	Dissolved
Cobalt	1.0		0.0050	0.0025	mg/L	5		6020	Dissolved
Copper	0.24		0.0050	0.0025	mg/L	5		6020	Dissolved
Lead	0.044		0.0050	0.0025	mg/L	5		6020	Dissolved
Nickel	1.6		0.0050	0.0025	mg/L	5		6020	Dissolved
Selenium	0.090		0.0050	0.0025	mg/L	5		6020	Dissolved
Zinc	15	B	0.10	0.013	mg/L	5		6020	Dissolved
Mercury	0.0016		0.00075	0.00010	mg/L	1		7470A	Dissolved
Total Dissolved Solids	11000		100	50	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-092921-1

Lab Sample ID: 440-289484-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.2	J	20	4.0	ug/L	1		8260B	Total/NA
Methane	0.83	J	1.0	0.078	ug/L	1		RSK-175	Total/NA
Zinc	0.018	J B	0.020	0.0025	mg/L	1		6020	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Detection Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: SI-4

Lab Sample ID: 440-289484-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	24		20	4.0	ug/L	1		8260B	Total/NA
Trichloroethene	1.4		1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: SI-2

Lab Sample ID: 440-289484-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	1.2	J	4.0	1.1	ug/L	4		8260B	Total/NA
Acetone	35	J	80	16	ug/L	4		8260B	Total/NA
Carbon disulfide	1.8	J	40	0.98	ug/L	4		8260B	Total/NA
Chloride	67		50	13	mg/L	50		300.0	Total/NA
Sulfate	110		50	13	mg/L	50		300.0	Total/NA
Antimony	0.0011		0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.075		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.00065	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Copper	0.00079	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0028		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.034		0.0010	0.00050	mg/L	1		6020	Dissolved
Zinc	0.020	B	0.020	0.0025	mg/L	1		6020	Dissolved
Mercury	0.00011	J	0.00075	0.00010	mg/L	1		7470A	Dissolved
Total Dissolved Solids	940		10	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-092921-1

Lab Sample ID: 440-289484-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0044	J B	0.020	0.0025	mg/L	1		6020	Dissolved

Client Sample ID: TB-092921-2

Lab Sample ID: 440-289484-8

No Detections.

Client Sample ID: MW-22D

Lab Sample ID: 440-289484-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	8.1		0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	1.0		1.0	0.28	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.78	J	1.0	0.30	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.8		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	4.1		1.0	0.29	ug/L	1		8260B	Total/NA
Methane	0.25	J	1.0	0.078	ug/L	1		RSK-175	Total/NA
Chloride	650		100	25	mg/L	100		300.0	Total/NA
Nitrate as N	23		11	5.5	mg/L	100		300.0	Total/NA
Sulfate	240		100	25	mg/L	100		300.0	Total/NA
Barium	0.074		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0061		0.0010	0.00050	mg/L	1		6020	Dissolved
Copper	0.00098	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0061		0.0010	0.00050	mg/L	1		6020	Dissolved
Nickel	0.0010		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0016		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0038		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.011	J B	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	2000		20	10	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Detection Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-22

Lab Sample ID: 440-289484-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	13000		2000	500	mg/L	2000		300.0	Total/NA
Sulfate	3700		2000	500	mg/L	2000		300.0	Total/NA
Barium	0.034		0.020	0.010	mg/L	20		6020	Dissolved
Cadmium	0.0066	J	0.020	0.0050	mg/L	20		6020	Dissolved
Nickel	0.034		0.020	0.010	mg/L	20		6020	Dissolved
Zinc	0.15	J B	0.40	0.050	mg/L	20		6020	Dissolved
Total Dissolved Solids	27000		1000	500	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-24D

Lab Sample ID: 440-289484-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (MIBK)	2.6	J	10	2.2	ug/L	1		8260B	Total/NA
Acetone	7.5	J	20	4.0	ug/L	1		8260B	Total/NA
Carbon tetrachloride	0.40	J	0.50	0.27	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.1		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	1.9		1.0	0.29	ug/L	1		8260B	Total/NA

Client Sample ID: MW-25D

Lab Sample ID: 440-289484-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon tetrachloride	0.53		0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	0.71	J	1.0	0.28	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.75	J	1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	4.7		1.0	0.29	ug/L	1		8260B	Total/NA
Methane	0.14	J	1.0	0.078	ug/L	1		RSK-175	Total/NA
Chloride	160		50	13	mg/L	50		300.0	Total/NA
Nitrate as N	17		5.5	2.8	mg/L	50		300.0	Total/NA
Sulfate	250		50	13	mg/L	50		300.0	Total/NA
Arsenic	0.00050	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.041		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0052		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0051		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0034		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0037		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.0028	J B	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	1100		10	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-12D

Lab Sample ID: 440-289484-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.48	J	1.0	0.39	ug/L	1		8260B	Total/NA
Acetone	6.1	J F1 F2	20	4.0	ug/L	1		8260B	Total/NA
Carbon tetrachloride	1.7		0.50	0.27	ug/L	1		8260B	Total/NA
Chloroform	2.3		1.0	0.28	ug/L	1		8260B	Total/NA
Tetrachloroethene	2.5		1.0	0.29	ug/L	1		8260B	Total/NA
Trichloroethene	15		1.0	0.29	ug/L	1		8260B	Total/NA
Chloride - DL	170		50	13	mg/L	50		300.0	Total/NA
Nitrate as N - DL	16		5.5	2.8	mg/L	50		300.0	Total/NA
Sulfate - DL	390		50	13	mg/L	50		300.0	Total/NA
Arsenic	0.00052	J	0.0010	0.00050	mg/L	1		6020	Dissolved
Barium	0.069		0.0010	0.00050	mg/L	1		6020	Dissolved
Chromium	0.0058		0.0010	0.00050	mg/L	1		6020	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Detection Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-12D (Continued)

Lab Sample ID: 440-289484-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	0.0026		0.0010	0.00050	mg/L	1		6020	Dissolved
Molybdenum	0.0058		0.0010	0.00050	mg/L	1		6020	Dissolved
Selenium	0.0049		0.0010	0.00050	mg/L	1		6020	Dissolved
Vanadium	0.0036		0.0010	0.0010	mg/L	1		6020	Dissolved
Zinc	0.0055	J B	0.020	0.0025	mg/L	1		6020	Dissolved
Total Dissolved Solids	1300		10	5.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-092921-2

Lab Sample ID: 440-289484-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methane	0.10	J	1.0	0.078	ug/L	1		RSK-175	Total/NA
Zinc	0.0032	J B	0.020	0.0025	mg/L	1		6020	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Calscience Irvine

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: TB-092921-1

Lab Sample ID: 440-289484-1

Date Collected: 09/29/21 07:00

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 22:55	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 22:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 22:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 22:55	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 22:55	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 22:55	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 22:55	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 22:55	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 22:55	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 22:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 22:55	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 22:55	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 22:55	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 22:55	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 22:55	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 22:55	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 22:55	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 22:55	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 22:55	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 22:55	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 22:55	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 22:55	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 22:55	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 22:55	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 22:55	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 22:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 22:55	1
Acetone	ND		20	4.0	ug/L			10/08/21 22:55	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 22:55	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 22:55	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 22:55	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 22:55	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 22:55	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 22:55	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 22:55	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 22:55	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 22:55	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 22:55	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 22:55	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 22:55	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 22:55	1
cis-1,3-Dichloropropane	ND		0.50	0.19	ug/L			10/08/21 22:55	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 22:55	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 22:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 22:55	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 22:55	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 22:55	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 22:55	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 22:55	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: TB-092921-1

Lab Sample ID: 440-289484-1

Date Collected: 09/29/21 07:00

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 22:55	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 22:55	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 22:55	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 22:55	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 22:55	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 22:55	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 22:55	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 22:55	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 22:55	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 22:55	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 22:55	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 22:55	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 22:55	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 22:55	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 22:55	1
Vinyl acetate	ND		10	3.1	ug/L			10/08/21 22:55	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 135		10/08/21 22:55	1
4-Bromofluorobenzene (Surr)	97		71 - 120		10/08/21 22:55	1
Dibromofluoromethane (Surr)	98		80 - 120		10/08/21 22:55	1
Toluene-d8 (Surr)	98		80 - 120		10/08/21 22:55	1

Client Sample ID: MW-14

Lab Sample ID: 440-289484-2

Date Collected: 09/29/21 09:49

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/09/21 01:56	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/09/21 01:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/09/21 01:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/09/21 01:56	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/09/21 01:56	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/09/21 01:56	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/09/21 01:56	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/09/21 01:56	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/09/21 01:56	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/09/21 01:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/09/21 01:56	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/09/21 01:56	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/09/21 01:56	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/09/21 01:56	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/09/21 01:56	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/09/21 01:56	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/09/21 01:56	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/09/21 01:56	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/09/21 01:56	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/09/21 01:56	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-14
Date Collected: 09/29/21 09:49
Date Received: 09/29/21 18:13

Lab Sample ID: 440-289484-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/09/21 01:56	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/09/21 01:56	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/09/21 01:56	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/09/21 01:56	1
2-Hexanone	ND		10	4.3	ug/L			10/09/21 01:56	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/09/21 01:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/09/21 01:56	1
Acetone	ND		20	4.0	ug/L			10/09/21 01:56	1
Benzene	ND		0.50	0.27	ug/L			10/09/21 01:56	1
Bromobenzene	ND		1.0	0.26	ug/L			10/09/21 01:56	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/09/21 01:56	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/09/21 01:56	1
Bromoform	ND		1.0	0.39	ug/L			10/09/21 01:56	1
Bromomethane	ND		10	0.93	ug/L			10/09/21 01:56	1
Carbon disulfide	ND		10	0.24	ug/L			10/09/21 01:56	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/09/21 01:56	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/09/21 01:56	1
Chloroethane	ND		5.0	0.44	ug/L			10/09/21 01:56	1
Chloroform	2.2		1.0	0.28	ug/L			10/09/21 01:56	1
Chloromethane	ND		10	0.29	ug/L			10/09/21 01:56	1
cis-1,2-Dichloroethene	1.8		1.0	0.30	ug/L			10/09/21 01:56	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/09/21 01:56	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/09/21 01:56	1
Dibromomethane	ND		1.0	0.23	ug/L			10/09/21 01:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/09/21 01:56	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/09/21 01:56	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/09/21 01:56	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/09/21 01:56	1
Methylene Chloride	ND		10	0.48	ug/L			10/09/21 01:56	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/09/21 01:56	1
Naphthalene	ND		10	0.32	ug/L			10/09/21 01:56	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/09/21 01:56	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/09/21 01:56	1
o-Xylene	ND		1.0	0.35	ug/L			10/09/21 01:56	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/09/21 01:56	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 01:56	1
Styrene	ND		1.0	0.28	ug/L			10/09/21 01:56	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 01:56	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/09/21 01:56	1
Toluene	ND		1.0	0.33	ug/L			10/09/21 01:56	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/09/21 01:56	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/09/21 01:56	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/09/21 01:56	1
Vinyl acetate	ND		10	3.1	ug/L			10/09/21 01:56	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/09/21 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 135		10/09/21 01:56	1
4-Bromofluorobenzene (Surr)	103		71 - 120		10/09/21 01:56	1
Dibromofluoromethane (Surr)	99		80 - 120		10/09/21 01:56	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-14

Date Collected: 09/29/21 09:49

Date Received: 09/29/21 18:13

Lab Sample ID: 440-289484-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		10/09/21 01:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	360		10	2.9	ug/L			10/12/21 04:25	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		68 - 135		10/12/21 04:25	10
4-Bromofluorobenzene (Surr)	92		71 - 120		10/12/21 04:25	10
Dibromofluoromethane (Surr)	96		80 - 120		10/12/21 04:25	10
Toluene-d8 (Surr)	98		80 - 120		10/12/21 04:25	10

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	520		500	130	mg/L			09/30/21 02:14	500
Sulfate	7000		500	130	mg/L			09/30/21 02:14	500

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Arsenic	0.016		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Barium	0.019		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Beryllium	0.043		0.0050	0.0013	mg/L		10/01/21 08:48	10/04/21 10:49	5
Cadmium	0.27		0.0050	0.0013	mg/L		10/01/21 08:48	10/01/21 16:08	5
Chromium	ND		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Cobalt	1.1		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Copper	0.26		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Lead	0.046		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Molybdenum	ND		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Nickel	1.7		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Selenium	0.10		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Silver	ND		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:08	5
Thallium	ND		0.0050	0.0010	mg/L		10/01/21 08:48	10/01/21 16:08	5
Vanadium	ND		0.0050	0.0050	mg/L		10/01/21 08:48	10/01/21 16:08	5
Zinc	15	B	0.10	0.013	mg/L		10/01/21 08:48	10/01/21 16:08	5

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0016		0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 15:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	11000		100	50	mg/L			10/06/21 09:51	1

Client Sample ID: SS-3

Date Collected: 09/29/21 09:59

Date Received: 09/29/21 18:13

Lab Sample ID: 440-289484-3

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/09/21 02:22	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: SS-3

Lab Sample ID: 440-289484-3

Date Collected: 09/29/21 09:59

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/09/21 02:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/09/21 02:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/09/21 02:22	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/09/21 02:22	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/09/21 02:22	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/09/21 02:22	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/09/21 02:22	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/09/21 02:22	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/09/21 02:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/09/21 02:22	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/09/21 02:22	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/09/21 02:22	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/09/21 02:22	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/09/21 02:22	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/09/21 02:22	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/09/21 02:22	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/09/21 02:22	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/09/21 02:22	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/09/21 02:22	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/09/21 02:22	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/09/21 02:22	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/09/21 02:22	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/09/21 02:22	1
2-Hexanone	ND		10	4.3	ug/L			10/09/21 02:22	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/09/21 02:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/09/21 02:22	1
Acetone	4.3	J	20	4.0	ug/L			10/09/21 02:22	1
Benzene	0.30	J	0.50	0.27	ug/L			10/09/21 02:22	1
Bromobenzene	ND		1.0	0.26	ug/L			10/09/21 02:22	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/09/21 02:22	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/09/21 02:22	1
Bromoform	ND		1.0	0.39	ug/L			10/09/21 02:22	1
Bromomethane	ND		10	0.93	ug/L			10/09/21 02:22	1
Carbon disulfide	ND		10	0.24	ug/L			10/09/21 02:22	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/09/21 02:22	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/09/21 02:22	1
Chloroethane	ND		5.0	0.44	ug/L			10/09/21 02:22	1
Chloroform	2.2		1.0	0.28	ug/L			10/09/21 02:22	1
Chloromethane	ND		10	0.29	ug/L			10/09/21 02:22	1
cis-1,2-Dichloroethene	1.7		1.0	0.30	ug/L			10/09/21 02:22	1
cis-1,3-Dichloropropane	ND		0.50	0.19	ug/L			10/09/21 02:22	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/09/21 02:22	1
Dibromomethane	ND		1.0	0.23	ug/L			10/09/21 02:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/09/21 02:22	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/09/21 02:22	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/09/21 02:22	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/09/21 02:22	1
Methylene Chloride	ND		10	0.48	ug/L			10/09/21 02:22	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/09/21 02:22	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: SS-3

Lab Sample ID: 440-289484-3

Date Collected: 09/29/21 09:59

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	0.32	ug/L			10/09/21 02:22	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/09/21 02:22	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/09/21 02:22	1
o-Xylene	ND		1.0	0.35	ug/L			10/09/21 02:22	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/09/21 02:22	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 02:22	1
Styrene	ND		1.0	0.28	ug/L			10/09/21 02:22	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 02:22	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/09/21 02:22	1
Toluene	ND		1.0	0.33	ug/L			10/09/21 02:22	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/09/21 02:22	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/09/21 02:22	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/09/21 02:22	1
Vinyl acetate	ND		10	3.1	ug/L			10/09/21 02:22	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/09/21 02:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 135		10/09/21 02:22	1
4-Bromofluorobenzene (Surr)	99		71 - 120		10/09/21 02:22	1
Dibromofluoromethane (Surr)	99		80 - 120		10/09/21 02:22	1
Toluene-d8 (Surr)	99		80 - 120		10/09/21 02:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	500		20	5.8	ug/L			10/12/21 04:51	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		68 - 135		10/12/21 04:51	20
4-Bromofluorobenzene (Surr)	90		71 - 120		10/12/21 04:51	20
Dibromofluoromethane (Surr)	94		80 - 120		10/12/21 04:51	20
Toluene-d8 (Surr)	99		80 - 120		10/12/21 04:51	20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	520		500	130	mg/L			09/30/21 02:48	500
Sulfate	7100		500	130	mg/L			09/30/21 02:48	500

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5
Arsenic	0.014		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5
Barium	0.019		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5
Beryllium	0.041		0.0050	0.0013	mg/L		10/01/21 08:48	10/04/21 10:51	5
Cadmium	0.28		0.0050	0.0013	mg/L		10/01/21 08:48	10/01/21 16:10	5
Chromium	ND		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5
Cobalt	1.0		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5
Copper	0.24		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5
Lead	0.044		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5
Molybdenum	ND		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5
Nickel	1.6		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5
Selenium	0.090		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: SS-3

Lab Sample ID: 440-289484-3

Date Collected: 09/29/21 09:59

Matrix: Water

Date Received: 09/29/21 18:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0050	0.0025	mg/L		10/01/21 08:48	10/01/21 16:10	5
Thallium	ND		0.0050	0.0010	mg/L		10/01/21 08:48	10/01/21 16:10	5
Vanadium	ND		0.0050	0.0050	mg/L		10/01/21 08:48	10/01/21 16:10	5
Zinc	15	B	0.10	0.013	mg/L		10/01/21 08:48	10/01/21 16:10	5

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0016		0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 15:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	11000		100	50	mg/L			10/06/21 09:51	1

Client Sample ID: FB-092921-1

Lab Sample ID: 440-289484-4

Date Collected: 09/29/21 10:25

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 23:20	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 23:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 23:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 23:20	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 23:20	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 23:20	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 23:20	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 23:20	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 23:20	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 23:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 23:20	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 23:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 23:20	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 23:20	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 23:20	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 23:20	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 23:20	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 23:20	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 23:20	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 23:20	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 23:20	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 23:20	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 23:20	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 23:20	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 23:20	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 23:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 23:20	1
Acetone	6.2	J	20	4.0	ug/L			10/08/21 23:20	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 23:20	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 23:20	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 23:20	1

Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: FB-092921-1

Lab Sample ID: 440-289484-4

Date Collected: 09/29/21 10:25

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 23:20	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 23:20	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 23:20	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 23:20	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 23:20	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 23:20	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 23:20	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 23:20	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 23:20	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 23:20	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 23:20	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 23:20	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 23:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 23:20	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 23:20	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 23:20	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 23:20	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 23:20	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 23:20	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 23:20	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 23:20	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 23:20	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 23:20	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 23:20	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 23:20	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 23:20	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 23:20	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 23:20	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 23:20	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 23:20	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 23:20	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 23:20	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 23:20	1
Vinyl acetate	ND		10	3.1	ug/L			10/08/21 23:20	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		68 - 135					10/08/21 23:20	1
4-Bromofluorobenzene (Surr)	98		71 - 120					10/08/21 23:20	1
Dibromofluoromethane (Surr)	98		80 - 120					10/08/21 23:20	1
Toluene-d8 (Surr)	98		80 - 120					10/08/21 23:20	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.83	J	1.0	0.078	ug/L			10/07/21 20:11	1
Ethane	ND		1.0	0.13	ug/L			10/07/21 20:11	1
Ethylene	ND		1.0	0.13	ug/L			10/07/21 20:11	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: FB-092921-1

Lab Sample ID: 440-289484-4

Date Collected: 09/29/21 10:25

Matrix: Water

Date Received: 09/29/21 18:13

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/29/21 21:24	1
Nitrate as N	ND		0.11	0.055	mg/L			09/29/21 21:24	1
Sulfate	ND		1.0	0.25	mg/L			09/29/21 21:24	1

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Arsenic	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Barium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:43	1
Cadmium	ND		0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:43	1
Chromium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Cobalt	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Copper	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Lead	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Molybdenum	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Nickel	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Selenium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Silver	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:43	1
Thallium	ND		0.0010	0.00020	mg/L		10/01/21 08:48	10/01/21 15:43	1
Vanadium	ND		0.0010	0.0010	mg/L		10/01/21 08:48	10/01/21 15:43	1
Zinc	0.018	J B	0.020	0.0025	mg/L		10/01/21 08:48	10/01/21 15:43	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 15:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			10/06/21 09:51	1
Ferrous Iron	ND	HF	0.10	0.019	mg/L			10/08/21 21:31	1

Client Sample ID: SI-4

Lab Sample ID: 440-289484-5

Date Collected: 09/29/21 12:53

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/09/21 02:48	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/09/21 02:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/09/21 02:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/09/21 02:48	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/09/21 02:48	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/09/21 02:48	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/09/21 02:48	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/09/21 02:48	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/09/21 02:48	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/09/21 02:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/09/21 02:48	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/09/21 02:48	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/09/21 02:48	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: SI-4

Lab Sample ID: 440-289484-5

Date Collected: 09/29/21 12:53

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/09/21 02:48	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/09/21 02:48	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/09/21 02:48	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/09/21 02:48	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/09/21 02:48	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/09/21 02:48	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/09/21 02:48	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/09/21 02:48	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/09/21 02:48	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/09/21 02:48	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/09/21 02:48	1
2-Hexanone	ND		10	4.3	ug/L			10/09/21 02:48	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/09/21 02:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/09/21 02:48	1
Acetone	24		20	4.0	ug/L			10/09/21 02:48	1
Benzene	ND		0.50	0.27	ug/L			10/09/21 02:48	1
Bromobenzene	ND		1.0	0.26	ug/L			10/09/21 02:48	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/09/21 02:48	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/09/21 02:48	1
Bromoform	ND		1.0	0.39	ug/L			10/09/21 02:48	1
Bromomethane	ND		10	0.93	ug/L			10/09/21 02:48	1
Carbon disulfide	ND		10	0.24	ug/L			10/09/21 02:48	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/09/21 02:48	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/09/21 02:48	1
Chloroethane	ND		5.0	0.44	ug/L			10/09/21 02:48	1
Chloroform	ND		1.0	0.28	ug/L			10/09/21 02:48	1
Chloromethane	ND		10	0.29	ug/L			10/09/21 02:48	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/21 02:48	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/09/21 02:48	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/09/21 02:48	1
Dibromomethane	ND		1.0	0.23	ug/L			10/09/21 02:48	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/09/21 02:48	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/09/21 02:48	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/09/21 02:48	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/09/21 02:48	1
Methylene Chloride	ND		10	0.48	ug/L			10/09/21 02:48	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/09/21 02:48	1
Naphthalene	ND		10	0.32	ug/L			10/09/21 02:48	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/09/21 02:48	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/09/21 02:48	1
o-Xylene	ND		1.0	0.35	ug/L			10/09/21 02:48	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/09/21 02:48	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 02:48	1
Styrene	ND		1.0	0.28	ug/L			10/09/21 02:48	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 02:48	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/09/21 02:48	1
Toluene	ND		1.0	0.33	ug/L			10/09/21 02:48	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/09/21 02:48	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/09/21 02:48	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: SI-4

Lab Sample ID: 440-289484-5

Date Collected: 09/29/21 12:53

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1.4		1.0	0.29	ug/L			10/09/21 02:48	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/09/21 02:48	1
Vinyl acetate	ND		10	3.1	ug/L			10/09/21 02:48	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/09/21 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 135					10/09/21 02:48	1
4-Bromofluorobenzene (Surr)	101		71 - 120					10/09/21 02:48	1
Dibromofluoromethane (Surr)	100		80 - 120					10/09/21 02:48	1
Toluene-d8 (Surr)	96		80 - 120					10/09/21 02:48	1

Client Sample ID: SI-2

Lab Sample ID: 440-289484-6

Date Collected: 09/29/21 13:15

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		4.0	1.0	ug/L			10/09/21 03:14	4
1,1,1-Trichloroethane	ND		4.0	1.1	ug/L			10/09/21 03:14	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.78	ug/L			10/09/21 03:14	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		40	1.0	ug/L			10/09/21 03:14	4
1,1,2-Trichloroethane	ND		4.0	0.34	ug/L			10/09/21 03:14	4
1,1-Dichloroethane	ND		4.0	1.4	ug/L			10/09/21 03:14	4
1,1-Dichloroethene	ND		4.0	1.6	ug/L			10/09/21 03:14	4
1,1-Dichloropropene	ND		4.0	0.97	ug/L			10/09/21 03:14	4
1,2,3-Trichlorobenzene	ND		4.0	1.1	ug/L			10/09/21 03:14	4
1,2,3-Trichloropropane	ND		20	1.3	ug/L			10/09/21 03:14	4
1,2,4-Trichlorobenzene	ND		4.0	1.5	ug/L			10/09/21 03:14	4
1,2,4-Trimethylbenzene	ND		4.0	1.1	ug/L			10/09/21 03:14	4
1,2-Dibromo-3-Chloropropane	ND		20	2.6	ug/L			10/09/21 03:14	4
1,2-Dibromoethane (EDB)	ND		4.0	0.55	ug/L			10/09/21 03:14	4
1,2-Dichlorobenzene	ND		4.0	0.92	ug/L			10/09/21 03:14	4
1,2-Dichloroethane	ND		2.0	0.60	ug/L			10/09/21 03:14	4
1,2-Dichloropropane	ND		4.0	0.96	ug/L			10/09/21 03:14	4
1,3,5-Trimethylbenzene	1.2 J		4.0	1.1	ug/L			10/09/21 03:14	4
1,3-Dichlorobenzene	ND		4.0	1.0	ug/L			10/09/21 03:14	4
1,3-Dichloropropane	ND		4.0	0.82	ug/L			10/09/21 03:14	4
1,4-Dichlorobenzene	ND		4.0	0.90	ug/L			10/09/21 03:14	4
2,2-Dichloropropane	ND		4.0	1.6	ug/L			10/09/21 03:14	4
2-Butanone (MEK)	ND		40	12	ug/L			10/09/21 03:14	4
2-Chlorotoluene	ND		4.0	1.2	ug/L			10/09/21 03:14	4
2-Hexanone	ND		40	17	ug/L			10/09/21 03:14	4
4-Chlorotoluene	ND		4.0	1.3	ug/L			10/09/21 03:14	4
4-Methyl-2-pentanone (MIBK)	ND		40	9.0	ug/L			10/09/21 03:14	4
Acetone	35 J		80	16	ug/L			10/09/21 03:14	4
Benzene	ND		2.0	1.1	ug/L			10/09/21 03:14	4
Bromobenzene	ND		4.0	1.0	ug/L			10/09/21 03:14	4
Bromochloromethane	ND		4.0	1.4	ug/L			10/09/21 03:14	4
Bromodichloromethane	ND		4.0	0.89	ug/L			10/09/21 03:14	4
Bromoform	ND		4.0	1.6	ug/L			10/09/21 03:14	4

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: SI-2

Lab Sample ID: 440-289484-6

Date Collected: 09/29/21 13:15

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		40	3.7	ug/L			10/09/21 03:14	4
Carbon disulfide	1.8	J	40	0.98	ug/L			10/09/21 03:14	4
Carbon tetrachloride	ND		2.0	1.1	ug/L			10/09/21 03:14	4
Chlorobenzene	ND		4.0	0.95	ug/L			10/09/21 03:14	4
Chloroethane	ND		20	1.8	ug/L			10/09/21 03:14	4
Chloroform	ND		4.0	1.1	ug/L			10/09/21 03:14	4
Chloromethane	ND		40	1.2	ug/L			10/09/21 03:14	4
cis-1,2-Dichloroethene	ND		4.0	1.2	ug/L			10/09/21 03:14	4
cis-1,3-Dichloropropene	ND		2.0	0.77	ug/L			10/09/21 03:14	4
Dibromochloromethane	ND		4.0	1.1	ug/L			10/09/21 03:14	4
Dibromomethane	ND		4.0	0.92	ug/L			10/09/21 03:14	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			10/09/21 03:14	4
Ethylbenzene	ND		4.0	1.4	ug/L			10/09/21 03:14	4
Isopropylbenzene	ND		4.0	1.5	ug/L			10/09/21 03:14	4
m,p-Xylene	ND		4.0	3.1	ug/L			10/09/21 03:14	4
Methylene Chloride	ND		40	1.9	ug/L			10/09/21 03:14	4
Methyl-t-Butyl Ether (MTBE)	ND		4.0	0.82	ug/L			10/09/21 03:14	4
Naphthalene	ND		40	1.3	ug/L			10/09/21 03:14	4
n-Butylbenzene	ND		4.0	1.2	ug/L			10/09/21 03:14	4
N-Propylbenzene	ND		4.0	1.6	ug/L			10/09/21 03:14	4
o-Xylene	ND		4.0	1.4	ug/L			10/09/21 03:14	4
p-Isopropyltoluene	ND		4.0	1.1	ug/L			10/09/21 03:14	4
sec-Butylbenzene	ND		4.0	1.4	ug/L			10/09/21 03:14	4
Styrene	ND		4.0	1.1	ug/L			10/09/21 03:14	4
tert-Butylbenzene	ND		4.0	1.4	ug/L			10/09/21 03:14	4
Tetrachloroethene	ND		4.0	1.2	ug/L			10/09/21 03:14	4
Toluene	ND		4.0	1.3	ug/L			10/09/21 03:14	4
trans-1,2-Dichloroethene	ND		4.0	1.4	ug/L			10/09/21 03:14	4
trans-1,3-Dichloropropene	ND		2.0	0.69	ug/L			10/09/21 03:14	4
Trichlorofluoromethane	ND		40	1.2	ug/L			10/09/21 03:14	4
Vinyl acetate	ND		40	13	ug/L			10/09/21 03:14	4
Vinyl chloride	ND		2.0	1.6	ug/L			10/09/21 03:14	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		68 - 135		10/09/21 03:14	4
4-Bromofluorobenzene (Surr)	101		71 - 120		10/09/21 03:14	4
Dibromofluoromethane (Surr)	98		80 - 120		10/09/21 03:14	4
Toluene-d8 (Surr)	100		80 - 120		10/09/21 03:14	4

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		4.0	1.2	ug/L			10/12/21 05:17	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		68 - 135		10/12/21 05:17	4
4-Bromofluorobenzene (Surr)	95		71 - 120		10/12/21 05:17	4
Dibromofluoromethane (Surr)	96		80 - 120		10/12/21 05:17	4
Toluene-d8 (Surr)	99		80 - 120		10/12/21 05:17	4

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: SI-2

Lab Sample ID: 440-289484-6

Date Collected: 09/29/21 13:15

Matrix: Water

Date Received: 09/29/21 18:13

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67		50	13	mg/L			09/30/21 03:22	50
Sulfate	110		50	13	mg/L			09/30/21 03:22	50

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0011		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Arsenic	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Barium	0.075		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:50	1
Cadmium	ND		0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:50	1
Chromium	0.00065	J	0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Cobalt	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Copper	0.00079	J	0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Lead	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Molybdenum	0.0028		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Nickel	0.034		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Selenium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Silver	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:50	1
Thallium	ND		0.0010	0.00020	mg/L		10/01/21 08:48	10/01/21 15:50	1
Vanadium	ND		0.0010	0.0010	mg/L		10/01/21 08:48	10/01/21 15:50	1
Zinc	0.020	B	0.020	0.0025	mg/L		10/01/21 08:48	10/01/21 15:50	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00011	J	0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 15:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	940		10	5.0	mg/L			10/06/21 09:51	1

Client Sample ID: EB-092921-1

Lab Sample ID: 440-289484-7

Date Collected: 09/29/21 13:40

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 23:46	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 23:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 23:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 23:46	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 23:46	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 23:46	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 23:46	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 23:46	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 23:46	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 23:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 23:46	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 23:46	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 23:46	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 23:46	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 23:46	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: EB-092921-1

Lab Sample ID: 440-289484-7

Date Collected: 09/29/21 13:40

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 23:46	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 23:46	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 23:46	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 23:46	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 23:46	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 23:46	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 23:46	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 23:46	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 23:46	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 23:46	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 23:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 23:46	1
Acetone	ND		20	4.0	ug/L			10/08/21 23:46	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 23:46	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 23:46	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 23:46	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 23:46	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 23:46	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 23:46	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 23:46	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 23:46	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 23:46	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 23:46	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 23:46	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 23:46	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 23:46	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 23:46	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 23:46	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 23:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 23:46	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 23:46	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 23:46	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 23:46	1
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 23:46	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 23:46	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 23:46	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 23:46	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 23:46	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 23:46	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 23:46	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 23:46	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 23:46	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 23:46	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 23:46	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 23:46	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 23:46	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 23:46	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 23:46	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 23:46	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: EB-092921-1

Lab Sample ID: 440-289484-7

Date Collected: 09/29/21 13:40

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		10	3.1	ug/L			10/08/21 23:46	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 23:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		68 - 135					10/08/21 23:46	1
4-Bromofluorobenzene (Surr)	97		71 - 120					10/08/21 23:46	1
Dibromofluoromethane (Surr)	97		80 - 120					10/08/21 23:46	1
Toluene-d8 (Surr)	99		80 - 120					10/08/21 23:46	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/30/21 01:05	1
Sulfate	ND		1.0	0.25	mg/L			09/30/21 01:05	1

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Arsenic	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Barium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:45	1
Cadmium	ND		0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:45	1
Chromium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Cobalt	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Copper	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Lead	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Molybdenum	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Nickel	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Selenium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Silver	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:45	1
Thallium	ND		0.0010	0.00020	mg/L		10/01/21 08:48	10/01/21 15:45	1
Vanadium	ND		0.0010	0.0010	mg/L		10/01/21 08:48	10/01/21 15:45	1
Zinc	0.0044	J B	0.020	0.0025	mg/L		10/01/21 08:48	10/01/21 15:45	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 15:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			10/06/21 09:51	1

Client Sample ID: TB-092921-2

Lab Sample ID: 440-289484-8

Date Collected: 09/29/21 08:00

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/09/21 00:12	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/09/21 00:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/09/21 00:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/09/21 00:12	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: TB-092921-2

Lab Sample ID: 440-289484-8

Date Collected: 09/29/21 08:00

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/09/21 00:12	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/09/21 00:12	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/09/21 00:12	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/09/21 00:12	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/09/21 00:12	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/09/21 00:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/09/21 00:12	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/09/21 00:12	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/09/21 00:12	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/09/21 00:12	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/09/21 00:12	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/09/21 00:12	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/09/21 00:12	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/09/21 00:12	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/09/21 00:12	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/09/21 00:12	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/09/21 00:12	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/09/21 00:12	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/09/21 00:12	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/09/21 00:12	1
2-Hexanone	ND		10	4.3	ug/L			10/09/21 00:12	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/09/21 00:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/09/21 00:12	1
Acetone	ND		20	4.0	ug/L			10/09/21 00:12	1
Benzene	ND		0.50	0.27	ug/L			10/09/21 00:12	1
Bromobenzene	ND		1.0	0.26	ug/L			10/09/21 00:12	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/09/21 00:12	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/09/21 00:12	1
Bromoform	ND		1.0	0.39	ug/L			10/09/21 00:12	1
Bromomethane	ND		10	0.93	ug/L			10/09/21 00:12	1
Carbon disulfide	ND		10	0.24	ug/L			10/09/21 00:12	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/09/21 00:12	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/09/21 00:12	1
Chloroethane	ND		5.0	0.44	ug/L			10/09/21 00:12	1
Chloroform	ND		1.0	0.28	ug/L			10/09/21 00:12	1
Chloromethane	ND		10	0.29	ug/L			10/09/21 00:12	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/21 00:12	1
cis-1,3-Dichloropropane	ND		0.50	0.19	ug/L			10/09/21 00:12	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/09/21 00:12	1
Dibromomethane	ND		1.0	0.23	ug/L			10/09/21 00:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/09/21 00:12	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/09/21 00:12	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/09/21 00:12	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/09/21 00:12	1
Methylene Chloride	ND		10	0.48	ug/L			10/09/21 00:12	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/09/21 00:12	1
Naphthalene	ND		10	0.32	ug/L			10/09/21 00:12	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/09/21 00:12	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/09/21 00:12	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: TB-092921-2

Lab Sample ID: 440-289484-8

Date Collected: 09/29/21 08:00

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		1.0	0.35	ug/L			10/09/21 00:12	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/09/21 00:12	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 00:12	1
Styrene	ND		1.0	0.28	ug/L			10/09/21 00:12	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 00:12	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/09/21 00:12	1
Toluene	ND		1.0	0.33	ug/L			10/09/21 00:12	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/09/21 00:12	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/09/21 00:12	1
Trichloroethene	ND		1.0	0.29	ug/L			10/09/21 00:12	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/09/21 00:12	1
Vinyl acetate	ND		10	3.1	ug/L			10/09/21 00:12	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/09/21 00:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		68 - 135					10/09/21 00:12	1
4-Bromofluorobenzene (Surr)	97		71 - 120					10/09/21 00:12	1
Dibromofluoromethane (Surr)	96		80 - 120					10/09/21 00:12	1
Toluene-d8 (Surr)	100		80 - 120					10/09/21 00:12	1

Client Sample ID: MW-22D

Lab Sample ID: 440-289484-9

Date Collected: 09/29/21 11:05

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/09/21 03:40	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/09/21 03:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/09/21 03:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/09/21 03:40	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/09/21 03:40	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/09/21 03:40	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/09/21 03:40	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/09/21 03:40	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/09/21 03:40	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/09/21 03:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/09/21 03:40	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/09/21 03:40	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/09/21 03:40	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/09/21 03:40	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/09/21 03:40	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/09/21 03:40	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/09/21 03:40	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/09/21 03:40	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/09/21 03:40	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/09/21 03:40	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/09/21 03:40	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/09/21 03:40	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/09/21 03:40	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/09/21 03:40	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-22D

Lab Sample ID: 440-289484-9

Date Collected: 09/29/21 11:05

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		10	4.3	ug/L			10/09/21 03:40	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/09/21 03:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/09/21 03:40	1
Acetone	ND		20	4.0	ug/L			10/09/21 03:40	1
Benzene	ND		0.50	0.27	ug/L			10/09/21 03:40	1
Bromobenzene	ND		1.0	0.26	ug/L			10/09/21 03:40	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/09/21 03:40	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/09/21 03:40	1
Bromoform	ND		1.0	0.39	ug/L			10/09/21 03:40	1
Bromomethane	ND		10	0.93	ug/L			10/09/21 03:40	1
Carbon disulfide	ND		10	0.24	ug/L			10/09/21 03:40	1
Carbon tetrachloride	8.1		0.50	0.27	ug/L			10/09/21 03:40	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/09/21 03:40	1
Chloroethane	ND		5.0	0.44	ug/L			10/09/21 03:40	1
Chloroform	1.0		1.0	0.28	ug/L			10/09/21 03:40	1
Chloromethane	ND		10	0.29	ug/L			10/09/21 03:40	1
cis-1,2-Dichloroethene	0.78	J	1.0	0.30	ug/L			10/09/21 03:40	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/09/21 03:40	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/09/21 03:40	1
Dibromomethane	ND		1.0	0.23	ug/L			10/09/21 03:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/09/21 03:40	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/09/21 03:40	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/09/21 03:40	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/09/21 03:40	1
Methylene Chloride	ND		10	0.48	ug/L			10/09/21 03:40	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/09/21 03:40	1
Naphthalene	ND		10	0.32	ug/L			10/09/21 03:40	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/09/21 03:40	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/09/21 03:40	1
o-Xylene	ND		1.0	0.35	ug/L			10/09/21 03:40	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/09/21 03:40	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 03:40	1
Styrene	ND		1.0	0.28	ug/L			10/09/21 03:40	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 03:40	1
Tetrachloroethene	1.8		1.0	0.29	ug/L			10/09/21 03:40	1
Toluene	ND		1.0	0.33	ug/L			10/09/21 03:40	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/09/21 03:40	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/09/21 03:40	1
Trichloroethene	4.1		1.0	0.29	ug/L			10/09/21 03:40	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/09/21 03:40	1
Vinyl acetate	ND		10	3.1	ug/L			10/09/21 03:40	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/09/21 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 135		10/09/21 03:40	1
4-Bromofluorobenzene (Surr)	100		71 - 120		10/09/21 03:40	1
Dibromofluoromethane (Surr)	99		80 - 120		10/09/21 03:40	1
Toluene-d8 (Surr)	98		80 - 120		10/09/21 03:40	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-22D

Lab Sample ID: 440-289484-9

Date Collected: 09/29/21 11:05

Matrix: Water

Date Received: 09/29/21 18:13

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.25	J	1.0	0.078	ug/L			10/07/21 20:48	1
Ethane	ND		1.0	0.13	ug/L			10/07/21 20:48	1
Ethylene	ND		1.0	0.13	ug/L			10/07/21 20:48	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	650		100	25	mg/L			09/29/21 21:58	100
Nitrate as N	23		11	5.5	mg/L			09/29/21 21:58	100
Sulfate	240		100	25	mg/L			09/29/21 21:58	100

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Arsenic	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Barium	0.074		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:19	1
Cadmium	ND		0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:19	1
Chromium	0.0061		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Cobalt	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Copper	0.00098	J	0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Lead	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Molybdenum	0.0061		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Nickel	0.0010		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Selenium	0.0016		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Silver	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:19	1
Thallium	ND		0.0010	0.00020	mg/L		10/01/21 08:48	10/01/21 15:19	1
Vanadium	0.0038		0.0010	0.0010	mg/L		10/01/21 08:48	10/01/21 15:19	1
Zinc	0.011	J B	0.020	0.0025	mg/L		10/01/21 08:48	10/01/21 15:19	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 15:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2000		20	10	mg/L			10/06/21 09:51	1
Ferrous Iron	ND	HF	0.10	0.019	mg/L			10/08/21 21:32	1

Client Sample ID: MW-22

Lab Sample ID: 440-289484-10

Date Collected: 09/29/21 10:30

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/09/21 04:06	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/09/21 04:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/09/21 04:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/09/21 04:06	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/09/21 04:06	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/09/21 04:06	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/09/21 04:06	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-22

Lab Sample ID: 440-289484-10

Date Collected: 09/29/21 10:30

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/09/21 04:06	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/09/21 04:06	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/09/21 04:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/09/21 04:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/09/21 04:06	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/09/21 04:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/09/21 04:06	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/09/21 04:06	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/09/21 04:06	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/09/21 04:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/09/21 04:06	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/09/21 04:06	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/09/21 04:06	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/09/21 04:06	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/09/21 04:06	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/09/21 04:06	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/09/21 04:06	1
2-Hexanone	ND		10	4.3	ug/L			10/09/21 04:06	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/09/21 04:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/09/21 04:06	1
Acetone	ND		20	4.0	ug/L			10/09/21 04:06	1
Benzene	ND		0.50	0.27	ug/L			10/09/21 04:06	1
Bromobenzene	ND		1.0	0.26	ug/L			10/09/21 04:06	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/09/21 04:06	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/09/21 04:06	1
Bromoform	ND		1.0	0.39	ug/L			10/09/21 04:06	1
Bromomethane	ND		10	0.93	ug/L			10/09/21 04:06	1
Carbon disulfide	ND		10	0.24	ug/L			10/09/21 04:06	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/09/21 04:06	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/09/21 04:06	1
Chloroethane	ND		5.0	0.44	ug/L			10/09/21 04:06	1
Chloroform	ND		1.0	0.28	ug/L			10/09/21 04:06	1
Chloromethane	ND		10	0.29	ug/L			10/09/21 04:06	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/21 04:06	1
cis-1,3-Dichloropropane	ND		0.50	0.19	ug/L			10/09/21 04:06	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/09/21 04:06	1
Dibromomethane	ND		1.0	0.23	ug/L			10/09/21 04:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/09/21 04:06	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/09/21 04:06	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/09/21 04:06	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/09/21 04:06	1
Methylene Chloride	ND		10	0.48	ug/L			10/09/21 04:06	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/09/21 04:06	1
Naphthalene	ND		10	0.32	ug/L			10/09/21 04:06	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/09/21 04:06	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/09/21 04:06	1
o-Xylene	ND		1.0	0.35	ug/L			10/09/21 04:06	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/09/21 04:06	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 04:06	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-22

Lab Sample ID: 440-289484-10

Date Collected: 09/29/21 10:30

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.28	ug/L			10/09/21 04:06	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 04:06	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/09/21 04:06	1
Toluene	ND		1.0	0.33	ug/L			10/09/21 04:06	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/09/21 04:06	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/09/21 04:06	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/09/21 04:06	1
Vinyl acetate	ND		10	3.1	ug/L			10/09/21 04:06	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/09/21 04:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 135					10/09/21 04:06	1
4-Bromofluorobenzene (Surr)	105		71 - 120					10/09/21 04:06	1
Dibromofluoromethane (Surr)	102		80 - 120					10/09/21 04:06	1
Toluene-d8 (Surr)	100		80 - 120					10/09/21 04:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.29	ug/L			10/12/21 05:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		68 - 135					10/12/21 05:43	1
4-Bromofluorobenzene (Surr)	98		71 - 120					10/12/21 05:43	1
Dibromofluoromethane (Surr)	101		80 - 120					10/12/21 05:43	1
Toluene-d8 (Surr)	99		80 - 120					10/12/21 05:43	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13000		2000	500	mg/L			09/30/21 04:30	2000
Sulfate	3700		2000	500	mg/L			09/30/21 04:30	2000

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Arsenic	ND		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Barium	0.034		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Beryllium	ND	^+	0.020	0.0050	mg/L		10/01/21 08:48	10/01/21 15:53	20
Cadmium	0.0066	J	0.020	0.0050	mg/L		10/01/21 08:48	10/01/21 15:53	20
Chromium	ND		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Cobalt	ND		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Copper	ND		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Lead	ND		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Molybdenum	ND		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Nickel	0.034		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Selenium	ND		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Silver	ND		0.020	0.010	mg/L		10/01/21 08:48	10/01/21 15:53	20
Thallium	ND		0.020	0.0040	mg/L		10/01/21 08:48	10/01/21 15:53	20
Vanadium	ND		0.020	0.020	mg/L		10/01/21 08:48	10/01/21 15:53	20
Zinc	0.15	J B	0.40	0.050	mg/L		10/01/21 08:48	10/01/21 15:53	20

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-22

Lab Sample ID: 440-289484-10

Date Collected: 09/29/21 10:30

Matrix: Water

Date Received: 09/29/21 18:13

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 16:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	27000		1000	500	mg/L			10/06/21 09:51	1

Client Sample ID: MW-24D

Lab Sample ID: 440-289484-11

Date Collected: 09/29/21 09:30

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/09/21 04:31	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/09/21 04:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/09/21 04:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/09/21 04:31	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/09/21 04:31	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/09/21 04:31	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/09/21 04:31	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/09/21 04:31	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/09/21 04:31	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/09/21 04:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/09/21 04:31	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/09/21 04:31	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/09/21 04:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/09/21 04:31	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/09/21 04:31	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/09/21 04:31	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/09/21 04:31	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/09/21 04:31	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/09/21 04:31	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/09/21 04:31	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/09/21 04:31	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/09/21 04:31	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/09/21 04:31	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/09/21 04:31	1
2-Hexanone	ND		10	4.3	ug/L			10/09/21 04:31	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/09/21 04:31	1
4-Methyl-2-pentanone (MIBK)	2.6	J	10	2.2	ug/L			10/09/21 04:31	1
Acetone	7.5	J	20	4.0	ug/L			10/09/21 04:31	1
Benzene	ND		0.50	0.27	ug/L			10/09/21 04:31	1
Bromobenzene	ND		1.0	0.26	ug/L			10/09/21 04:31	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/09/21 04:31	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/09/21 04:31	1
Bromoform	ND		1.0	0.39	ug/L			10/09/21 04:31	1
Bromomethane	ND		10	0.93	ug/L			10/09/21 04:31	1
Carbon disulfide	ND		10	0.24	ug/L			10/09/21 04:31	1
Carbon tetrachloride	0.40	J	0.50	0.27	ug/L			10/09/21 04:31	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/09/21 04:31	1
Chloroethane	ND		5.0	0.44	ug/L			10/09/21 04:31	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-24D

Lab Sample ID: 440-289484-11

Date Collected: 09/29/21 09:30

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.28	ug/L			10/09/21 04:31	1
Chloromethane	ND		10	0.29	ug/L			10/09/21 04:31	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/21 04:31	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/09/21 04:31	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/09/21 04:31	1
Dibromomethane	ND		1.0	0.23	ug/L			10/09/21 04:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/09/21 04:31	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/09/21 04:31	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/09/21 04:31	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/09/21 04:31	1
Methylene Chloride	ND		10	0.48	ug/L			10/09/21 04:31	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/09/21 04:31	1
Naphthalene	ND		10	0.32	ug/L			10/09/21 04:31	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/09/21 04:31	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/09/21 04:31	1
o-Xylene	ND		1.0	0.35	ug/L			10/09/21 04:31	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/09/21 04:31	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 04:31	1
Styrene	ND		1.0	0.28	ug/L			10/09/21 04:31	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 04:31	1
Tetrachloroethene	1.1		1.0	0.29	ug/L			10/09/21 04:31	1
Toluene	ND		1.0	0.33	ug/L			10/09/21 04:31	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/09/21 04:31	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/09/21 04:31	1
Trichloroethene	1.9		1.0	0.29	ug/L			10/09/21 04:31	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/09/21 04:31	1
Vinyl acetate	ND		10	3.1	ug/L			10/09/21 04:31	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/09/21 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		68 - 135		10/09/21 04:31	1
4-Bromofluorobenzene (Surr)	97		71 - 120		10/09/21 04:31	1
Dibromofluoromethane (Surr)	99		80 - 120		10/09/21 04:31	1
Toluene-d8 (Surr)	101		80 - 120		10/09/21 04:31	1

Client Sample ID: MW-25D

Lab Sample ID: 440-289484-12

Date Collected: 09/29/21 08:58

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/09/21 04:57	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/09/21 04:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/09/21 04:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/09/21 04:57	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/09/21 04:57	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/09/21 04:57	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/09/21 04:57	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/09/21 04:57	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/09/21 04:57	1

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Client Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-25D

Lab Sample ID: 440-289484-12

Date Collected: 09/29/21 08:58

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/09/21 04:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/09/21 04:57	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/09/21 04:57	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/09/21 04:57	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/09/21 04:57	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/09/21 04:57	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/09/21 04:57	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/09/21 04:57	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/09/21 04:57	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/09/21 04:57	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/09/21 04:57	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/09/21 04:57	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/09/21 04:57	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/09/21 04:57	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/09/21 04:57	1
2-Hexanone	ND		10	4.3	ug/L			10/09/21 04:57	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/09/21 04:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/09/21 04:57	1
Acetone	ND		20	4.0	ug/L			10/09/21 04:57	1
Benzene	ND		0.50	0.27	ug/L			10/09/21 04:57	1
Bromobenzene	ND		1.0	0.26	ug/L			10/09/21 04:57	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/09/21 04:57	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/09/21 04:57	1
Bromoform	ND		1.0	0.39	ug/L			10/09/21 04:57	1
Bromomethane	ND		10	0.93	ug/L			10/09/21 04:57	1
Carbon disulfide	ND		10	0.24	ug/L			10/09/21 04:57	1
Carbon tetrachloride	0.53		0.50	0.27	ug/L			10/09/21 04:57	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/09/21 04:57	1
Chloroethane	ND		5.0	0.44	ug/L			10/09/21 04:57	1
Chloroform	0.71 J		1.0	0.28	ug/L			10/09/21 04:57	1
Chloromethane	ND		10	0.29	ug/L			10/09/21 04:57	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/21 04:57	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/09/21 04:57	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/09/21 04:57	1
Dibromomethane	ND		1.0	0.23	ug/L			10/09/21 04:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/09/21 04:57	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/09/21 04:57	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/09/21 04:57	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/09/21 04:57	1
Methylene Chloride	ND		10	0.48	ug/L			10/09/21 04:57	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/09/21 04:57	1
Naphthalene	ND		10	0.32	ug/L			10/09/21 04:57	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/09/21 04:57	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/09/21 04:57	1
o-Xylene	ND		1.0	0.35	ug/L			10/09/21 04:57	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/09/21 04:57	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 04:57	1
Styrene	ND		1.0	0.28	ug/L			10/09/21 04:57	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 04:57	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-25D

Lab Sample ID: 440-289484-12

Date Collected: 09/29/21 08:58

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.75	J	1.0	0.29	ug/L			10/09/21 04:57	1
Toluene	ND		1.0	0.33	ug/L			10/09/21 04:57	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/09/21 04:57	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/09/21 04:57	1
Trichloroethene	4.7		1.0	0.29	ug/L			10/09/21 04:57	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/09/21 04:57	1
Vinyl acetate	ND		10	3.1	ug/L			10/09/21 04:57	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/09/21 04:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		68 - 135					10/09/21 04:57	1
4-Bromofluorobenzene (Surr)	97		71 - 120					10/09/21 04:57	1
Dibromofluoromethane (Surr)	97		80 - 120					10/09/21 04:57	1
Toluene-d8 (Surr)	100		80 - 120					10/09/21 04:57	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.14	J	1.0	0.078	ug/L			10/07/21 21:13	1
Ethane	ND		1.0	0.13	ug/L			10/07/21 21:13	1
Ethylene	ND		1.0	0.13	ug/L			10/07/21 21:13	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		50	13	mg/L			09/29/21 22:33	50
Nitrate as N	17		5.5	2.8	mg/L			09/29/21 22:33	50
Sulfate	250		50	13	mg/L			09/29/21 22:33	50

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Arsenic	0.00050	J	0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Barium	0.041		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:28	1
Cadmium	ND		0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:28	1
Chromium	0.0052		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Cobalt	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Copper	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Lead	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Molybdenum	0.0051		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Nickel	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Selenium	0.0034		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Silver	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:28	1
Thallium	ND		0.0010	0.00020	mg/L		10/01/21 08:48	10/01/21 15:28	1
Vanadium	0.0037		0.0010	0.0010	mg/L		10/01/21 08:48	10/01/21 15:28	1
Zinc	0.0028	J B	0.020	0.0025	mg/L		10/01/21 08:48	10/01/21 15:28	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 16:03	1

Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-25D

Lab Sample ID: 440-289484-12

Date Collected: 09/29/21 08:58

Matrix: Water

Date Received: 09/29/21 18:13

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1100		10	5.0	mg/L			10/06/21 09:51	1
Ferrous Iron	ND	HF	0.10	0.019	mg/L			10/08/21 21:33	1

Client Sample ID: MW-12D

Lab Sample ID: 440-289484-13

Date Collected: 09/29/21 13:39

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/09/21 01:30	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/09/21 01:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/09/21 01:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/09/21 01:30	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/09/21 01:30	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/09/21 01:30	1
1,1-Dichloroethene	0.48	J	1.0	0.39	ug/L			10/09/21 01:30	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/09/21 01:30	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/09/21 01:30	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/09/21 01:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/09/21 01:30	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/09/21 01:30	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/09/21 01:30	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/09/21 01:30	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/09/21 01:30	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/09/21 01:30	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/09/21 01:30	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/09/21 01:30	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/09/21 01:30	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/09/21 01:30	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/09/21 01:30	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/09/21 01:30	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/09/21 01:30	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/09/21 01:30	1
2-Hexanone	ND		10	4.3	ug/L			10/09/21 01:30	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/09/21 01:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/09/21 01:30	1
Acetone	6.1	J F1 F2	20	4.0	ug/L			10/09/21 01:30	1
Benzene	ND		0.50	0.27	ug/L			10/09/21 01:30	1
Bromobenzene	ND		1.0	0.26	ug/L			10/09/21 01:30	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/09/21 01:30	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/09/21 01:30	1
Bromoform	ND		1.0	0.39	ug/L			10/09/21 01:30	1
Bromomethane	ND	F2	10	0.93	ug/L			10/09/21 01:30	1
Carbon disulfide	ND		10	0.24	ug/L			10/09/21 01:30	1
Carbon tetrachloride	1.7		0.50	0.27	ug/L			10/09/21 01:30	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/09/21 01:30	1
Chloroethane	ND	F1 F2	5.0	0.44	ug/L			10/09/21 01:30	1
Chloroform	2.3		1.0	0.28	ug/L			10/09/21 01:30	1
Chloromethane	ND	F2	10	0.29	ug/L			10/09/21 01:30	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/21 01:30	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-12D

Lab Sample ID: 440-289484-13

Date Collected: 09/29/21 13:39

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/09/21 01:30	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/09/21 01:30	1
Dibromomethane	ND		1.0	0.23	ug/L			10/09/21 01:30	1
Dichlorodifluoromethane	ND	F1 F2	1.0	0.68	ug/L			10/09/21 01:30	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/09/21 01:30	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/09/21 01:30	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/09/21 01:30	1
Methylene Chloride	ND		10	0.48	ug/L			10/09/21 01:30	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/09/21 01:30	1
Naphthalene	ND		10	0.32	ug/L			10/09/21 01:30	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/09/21 01:30	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/09/21 01:30	1
o-Xylene	ND		1.0	0.35	ug/L			10/09/21 01:30	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/09/21 01:30	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 01:30	1
Styrene	ND		1.0	0.28	ug/L			10/09/21 01:30	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 01:30	1
Tetrachloroethene	2.5		1.0	0.29	ug/L			10/09/21 01:30	1
Toluene	ND		1.0	0.33	ug/L			10/09/21 01:30	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/09/21 01:30	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/09/21 01:30	1
Trichloroethene	15		1.0	0.29	ug/L			10/09/21 01:30	1
Trichlorofluoromethane	ND	F1 F2	10	0.30	ug/L			10/09/21 01:30	1
Vinyl acetate	ND		10	3.1	ug/L			10/09/21 01:30	1
Vinyl chloride	ND	F1 F2	0.50	0.40	ug/L			10/09/21 01:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 135		10/09/21 01:30	1
4-Bromofluorobenzene (Surr)	100		71 - 120		10/09/21 01:30	1
Dibromofluoromethane (Surr)	97		80 - 120		10/09/21 01:30	1
Toluene-d8 (Surr)	100		80 - 120		10/09/21 01:30	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		1.0	0.078	ug/L			10/08/21 11:12	1
Ethane	ND		1.0	0.13	ug/L			10/08/21 11:12	1
Ethylene	ND		1.0	0.13	ug/L			10/08/21 11:12	1

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	170		50	13	mg/L			09/29/21 23:07	50
Nitrate as N	16		5.5	2.8	mg/L			09/29/21 23:07	50
Sulfate	390		50	13	mg/L			09/29/21 23:07	50

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Arsenic	0.00052	J	0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Barium	0.069		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Beryllium	ND		0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 14:43	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-12D

Lab Sample ID: 440-289484-13

Date Collected: 09/29/21 13:39

Matrix: Water

Date Received: 09/29/21 18:13

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	ND		0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 14:43	1
Chromium	0.0058		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Cobalt	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Copper	0.0026		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Lead	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Molybdenum	0.0058		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Nickel	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Selenium	0.0049		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Silver	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:43	1
Thallium	ND		0.0010	0.00020	mg/L		10/01/21 08:48	10/01/21 14:43	1
Vanadium	0.0036		0.0010	0.0010	mg/L		10/01/21 08:48	10/01/21 14:43	1
Zinc	0.0055	J B	0.020	0.0025	mg/L		10/01/21 08:48	10/01/21 14:43	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1300		10	5.0	mg/L			10/06/21 09:51	1
Ferrous Iron	ND	HF	0.10	0.019	mg/L			10/08/21 21:29	1

Client Sample ID: EB-092921-2

Lab Sample ID: 440-289484-14

Date Collected: 09/29/21 14:15

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/09/21 00:38	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/09/21 00:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/09/21 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/09/21 00:38	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/09/21 00:38	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/09/21 00:38	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/09/21 00:38	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/09/21 00:38	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/09/21 00:38	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/09/21 00:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/09/21 00:38	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/09/21 00:38	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/09/21 00:38	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/09/21 00:38	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/09/21 00:38	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/09/21 00:38	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/09/21 00:38	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/09/21 00:38	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/09/21 00:38	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/09/21 00:38	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/09/21 00:38	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/09/21 00:38	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: EB-092921-2

Lab Sample ID: 440-289484-14

Date Collected: 09/29/21 14:15

Matrix: Water

Date Received: 09/29/21 18:13

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10	3.0	ug/L			10/09/21 00:38	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/09/21 00:38	1
2-Hexanone	ND		10	4.3	ug/L			10/09/21 00:38	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/09/21 00:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/09/21 00:38	1
Acetone	ND		20	4.0	ug/L			10/09/21 00:38	1
Benzene	ND		0.50	0.27	ug/L			10/09/21 00:38	1
Bromobenzene	ND		1.0	0.26	ug/L			10/09/21 00:38	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/09/21 00:38	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/09/21 00:38	1
Bromoform	ND		1.0	0.39	ug/L			10/09/21 00:38	1
Bromomethane	ND		10	0.93	ug/L			10/09/21 00:38	1
Carbon disulfide	ND		10	0.24	ug/L			10/09/21 00:38	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/09/21 00:38	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/09/21 00:38	1
Chloroethane	ND		5.0	0.44	ug/L			10/09/21 00:38	1
Chloroform	ND		1.0	0.28	ug/L			10/09/21 00:38	1
Chloromethane	ND		10	0.29	ug/L			10/09/21 00:38	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/21 00:38	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/09/21 00:38	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/09/21 00:38	1
Dibromomethane	ND		1.0	0.23	ug/L			10/09/21 00:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/09/21 00:38	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/09/21 00:38	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/09/21 00:38	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/09/21 00:38	1
Methylene Chloride	ND		10	0.48	ug/L			10/09/21 00:38	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/09/21 00:38	1
Naphthalene	ND		10	0.32	ug/L			10/09/21 00:38	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/09/21 00:38	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/09/21 00:38	1
o-Xylene	ND		1.0	0.35	ug/L			10/09/21 00:38	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/09/21 00:38	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 00:38	1
Styrene	ND		1.0	0.28	ug/L			10/09/21 00:38	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/09/21 00:38	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/09/21 00:38	1
Toluene	ND		1.0	0.33	ug/L			10/09/21 00:38	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/09/21 00:38	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/09/21 00:38	1
Trichloroethene	ND		1.0	0.29	ug/L			10/09/21 00:38	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/09/21 00:38	1
Vinyl acetate	ND		10	3.1	ug/L			10/09/21 00:38	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/09/21 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		68 - 135		10/09/21 00:38	1
4-Bromofluorobenzene (Surr)	100		71 - 120		10/09/21 00:38	1
Dibromofluoromethane (Surr)	101		80 - 120		10/09/21 00:38	1
Toluene-d8 (Surr)	98		80 - 120		10/09/21 00:38	1

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Client Sample Results

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: EB-092921-2

Lab Sample ID: 440-289484-14

Date Collected: 09/29/21 14:15

Matrix: Water

Date Received: 09/29/21 18:13

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.10	J	1.0	0.078	ug/L			10/08/21 12:19	1
Ethane	ND		1.0	0.13	ug/L			10/08/21 12:19	1
Ethylene	ND		1.0	0.13	ug/L			10/08/21 12:19	1

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/30/21 00:48	1
Nitrate as N	ND		0.11	0.055	mg/L			09/30/21 00:48	1
Sulfate	ND		1.0	0.25	mg/L			09/30/21 00:48	1

Method: 6020 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Arsenic	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Barium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Beryllium	ND	^+	0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:48	1
Cadmium	ND		0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 15:48	1
Chromium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Cobalt	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Copper	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Lead	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Molybdenum	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Nickel	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Selenium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Silver	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 15:48	1
Thallium	ND		0.0010	0.00020	mg/L		10/01/21 08:48	10/01/21 15:48	1
Vanadium	ND		0.0010	0.0010	mg/L		10/01/21 08:48	10/01/21 15:48	1
Zinc	0.0032	J B	0.020	0.0025	mg/L		10/01/21 08:48	10/01/21 15:48	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 16:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			10/06/21 09:51	1
Ferrous Iron	ND	HF	0.10	0.019	mg/L			10/08/21 21:34	1

Surrogate Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (68-135)	BFB (71-120)	DBFM (80-120)	TOL (80-120)
440-289484-1	TB-092921-1	97	97	98	98
440-289484-2	MW-14	104	103	99	98
440-289484-2 - DL	MW-14	90	92	96	98
440-289484-3	SS-3	102	99	99	99
440-289484-3 - DL	SS-3	91	90	94	99
440-289484-4	FB-092921-1	95	98	98	98
440-289484-5	SI-4	97	101	100	96
440-289484-6	SI-2	98	101	98	100
440-289484-6 - RA	SI-2	93	95	96	99
440-289484-7	EB-092921-1	98	97	97	99
440-289484-8	TB-092921-2	100	97	96	100
440-289484-9	MW-22D	97	100	99	98
440-289484-10	MW-22	105	105	102	100
440-289484-10 - RA	MW-22	101	98	101	99
440-289484-11	MW-24D	103	97	99	101
440-289484-12	MW-25D	98	97	97	100
440-289484-13	MW-12D	97	100	97	100
440-289484-13 MS	MW-12D	99	95	97	98
440-289484-13 MSD	MW-12D	97	98	98	100
440-289484-14	EB-092921-2	100	100	101	98
LCS 570-185172/3	Lab Control Sample	99	97	97	101
LCS 570-185637/3	Lab Control Sample	87	102	93	96
LCSD 570-185172/4	Lab Control Sample Dup	104	99	100	101
LCSD 570-185637/4	Lab Control Sample Dup	89	102	93	97
MB 570-185172/7	Method Blank	97	100	99	97
MB 570-185637/6	Method Blank	88	90	93	96

Surrogate Legend

- DCA = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene (Surr)
- DBFM = Dibromofluoromethane (Surr)
- TOL = Toluene-d8 (Surr)

Method Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
RSK-175	Dissolved Gases (GC)	RSK	ECL 2
300.0	Anions, Ion Chromatography	MCAWW	TAL IRV
6020	Metals (ICP/MS)	SW846	TAL IRV
7470A	Mercury (CVAA)	SW846	TAL IRV
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL IRV
SM 3500 Fe B	Iron, Ferrous	SM	ECL 1
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL IRV
5030C	Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	TAL IRV
FILTRATION	Sample Filtration	None	TAL IRV

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

None = None

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

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

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

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: TB-092921-1

Lab Sample ID: 440-289484-1

Date Collected: 09/29/21 07:00

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/08/21 22:55	A1W	ECL 2

Client Sample ID: MW-14

Lab Sample ID: 440-289484-2

Date Collected: 09/29/21 09:49

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	10	20 mL	20 mL	185637	10/12/21 04:25	A1W	ECL 2
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/09/21 01:56	A1W	ECL 2
Total/NA	Analysis	300.0		20			657797	09/30/21 01:22	NIH3	TAL IRV
Total/NA	Analysis	300.0	DL	500			657797	09/30/21 02:14	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		5			657988	10/01/21 16:08	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		5			658054	10/04/21 10:49	Y2WS	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658048	10/04/21 10:40	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658089	10/04/21 15:44	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	10 mL	100 mL	658182	10/06/21 09:51	VY3D	TAL IRV

Client Sample ID: SS-3

Lab Sample ID: 440-289484-3

Date Collected: 09/29/21 09:59

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	20	20 mL	20 mL	185637	10/12/21 04:51	A1W	ECL 2
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/09/21 02:22	A1W	ECL 2
Total/NA	Analysis	300.0		500			657797	09/30/21 02:48	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		5			657988	10/01/21 16:10	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		5			658054	10/04/21 10:51	Y2WS	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658048	10/04/21 10:40	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658089	10/04/21 15:46	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	10 mL	100 mL	658182	10/06/21 09:51	VY3D	TAL IRV

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: FB-092921-1

Lab Sample ID: 440-289484-4

Date Collected: 09/29/21 10:25

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/08/21 23:20	A1W	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	184814	10/07/21 20:11	TQX8	ECL 2
Total/NA	Analysis	300.0		1			657796	09/29/21 21:24	NIH3	TAL IRV
Total/NA	Analysis	300.0		1			657797	09/29/21 21:24	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657988	10/01/21 15:43	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658048	10/04/21 10:40	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658089	10/04/21 15:48	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	658182	10/06/21 09:51	VY3D	TAL IRV
Total/NA	Analysis	SM 3500 Fe B		1	5 mL	10 mL	185231	10/08/21 21:31	WN6Y	ECL 1

Client Sample ID: SI-4

Lab Sample ID: 440-289484-5

Date Collected: 09/29/21 12:53

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/09/21 02:48	A1W	ECL 2

Client Sample ID: SI-2

Lab Sample ID: 440-289484-6

Date Collected: 09/29/21 13:15

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	RA	4	20 mL	20 mL	185637	10/12/21 05:17	A1W	ECL 2
Total/NA	Analysis	8260B		4	20 mL	20 mL	185172	10/09/21 03:14	A1W	ECL 2
Total/NA	Analysis	300.0		50			657797	09/30/21 03:22	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			75 mL	75 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657988	10/01/21 15:50	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			75 mL	75 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658048	10/04/21 10:40	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658089	10/04/21 15:50	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	658182	10/06/21 09:51	VY3D	TAL IRV

Client Sample ID: EB-092921-1

Lab Sample ID: 440-289484-7

Date Collected: 09/29/21 13:40

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/08/21 23:46	A1W	ECL 2
Total/NA	Analysis	300.0		1			657797	09/30/21 01:05	NIH3	TAL IRV

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: EB-092921-1

Lab Sample ID: 440-289484-7

Date Collected: 09/29/21 13:40

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657988	10/01/21 15:45	COYH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658048	10/04/21 10:40	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658089	10/04/21 15:52	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	658182	10/06/21 09:51	VY3D	TAL IRV

Client Sample ID: TB-092921-2

Lab Sample ID: 440-289484-8

Date Collected: 09/29/21 08:00

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/09/21 00:12	A1W	ECL 2

Client Sample ID: MW-22D

Lab Sample ID: 440-289484-9

Date Collected: 09/29/21 11:05

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/09/21 03:40	A1W	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	184814	10/07/21 20:48	TQX8	ECL 2
Total/NA	Analysis	300.0		100			657796	09/29/21 21:58	NIH3	TAL IRV
Total/NA	Analysis	300.0		100			657797	09/29/21 21:58	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657988	10/01/21 15:19	COYH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658048	10/04/21 10:40	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658089	10/04/21 15:59	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	50 mL	100 mL	658182	10/06/21 09:51	VY3D	TAL IRV
Total/NA	Analysis	SM 3500 Fe B		1	5 mL	10 mL	185231	10/08/21 21:32	WN6Y	ECL 1

Client Sample ID: MW-22

Lab Sample ID: 440-289484-10

Date Collected: 09/29/21 10:30

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	RA	1	20 mL	20 mL	185637	10/12/21 05:43	A1W	ECL 2
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/09/21 04:06	A1W	ECL 2
Total/NA	Analysis	300.0		2000			657797	09/30/21 04:30	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		20			657988	10/01/21 15:53	COYH	TAL IRV

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-22

Lab Sample ID: 440-289484-10

Date Collected: 09/29/21 10:30

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658048	10/04/21 10:40	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658089	10/04/21 16:01	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	1 mL	100 mL	658182	10/06/21 09:51	VY3D	TAL IRV

Client Sample ID: MW-24D

Lab Sample ID: 440-289484-11

Date Collected: 09/29/21 09:30

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/09/21 04:31	A1W	ECL 2

Client Sample ID: MW-25D

Lab Sample ID: 440-289484-12

Date Collected: 09/29/21 08:58

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/09/21 04:57	A1W	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	184814	10/07/21 21:13	TQX8	ECL 2
Total/NA	Analysis	300.0		50			657796	09/29/21 22:33	NIH3	TAL IRV
Total/NA	Analysis	300.0		50			657797	09/29/21 22:33	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657988	10/01/21 15:28	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658048	10/04/21 10:40	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658089	10/04/21 16:03	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	658182	10/06/21 09:51	VY3D	TAL IRV
Total/NA	Analysis	SM 3500 Fe B		1	5 mL	10 mL	185231	10/08/21 21:33	WN6Y	ECL 1

Client Sample ID: MW-12D

Lab Sample ID: 440-289484-13

Date Collected: 09/29/21 13:39

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/09/21 01:30	A1W	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	185032	10/08/21 11:12	TQX8	ECL 2
Total/NA	Analysis	300.0	DL	50			657796	09/29/21 23:07	NIH3	TAL IRV
Total/NA	Analysis	300.0	DL	50			657797	09/29/21 23:07	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			150 mL	150 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657988	10/01/21 14:43	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			150 mL	150 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658048	10/04/21 10:40	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658089	10/04/21 15:37	MA6V	TAL IRV

Eurofins Calscience Irvine

Lab Chronicle

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Client Sample ID: MW-12D

Lab Sample ID: 440-289484-13

Date Collected: 09/29/21 13:39

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	658182	10/06/21 09:51	VY3D	TAL IRV
Total/NA	Analysis	SM 3500 Fe B		1	5 mL	10 mL	185231	10/08/21 21:29	WN6Y	ECL 1

Client Sample ID: EB-092921-2

Lab Sample ID: 440-289484-14

Date Collected: 09/29/21 14:15

Matrix: Water

Date Received: 09/29/21 18:13

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	20 mL	20 mL	185172	10/09/21 00:38	A1W	ECL 2
Total/NA	Analysis	RSK-175		1	2 mL	2 mL	185032	10/08/21 12:19	TQX8	ECL 2
Total/NA	Analysis	300.0		1			657796	09/30/21 00:48	NIH3	TAL IRV
Total/NA	Analysis	300.0		1			657797	09/30/21 00:48	NIH3	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	3005A			25 mL	25 mL	657932	10/01/21 08:48	LZY7	TAL IRV
Dissolved	Analysis	6020		1			657988	10/01/21 15:48	C0YH	TAL IRV
Dissolved	Filtration	FILTRATION			100 mL	100 mL	657875	09/30/21 13:35	LZY7	TAL IRV
Dissolved	Prep	7470A			20 mL	30 mL	658048	10/04/21 10:40	MA6V	TAL IRV
Dissolved	Analysis	7470A		1			658089	10/04/21 16:05	MA6V	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	658182	10/06/21 09:51	VY3D	TAL IRV
Total/NA	Analysis	SM 3500 Fe B		1	5 mL	10 mL	185231	10/08/21 21:34	WN6Y	ECL 1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
 ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494
 TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-185172/7
 Matrix: Water
 Analysis Batch: 185172

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.26	ug/L			10/08/21 22:29	1
1,1,1-Trichloroethane	ND		1.0	0.27	ug/L			10/08/21 22:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.19	ug/L			10/08/21 22:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.25	ug/L			10/08/21 22:29	1
1,1,2-Trichloroethane	ND		1.0	0.085	ug/L			10/08/21 22:29	1
1,1-Dichloroethane	ND		1.0	0.35	ug/L			10/08/21 22:29	1
1,1-Dichloroethene	ND		1.0	0.39	ug/L			10/08/21 22:29	1
1,1-Dichloropropene	ND		1.0	0.24	ug/L			10/08/21 22:29	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			10/08/21 22:29	1
1,2,3-Trichloropropane	ND		5.0	0.32	ug/L			10/08/21 22:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.38	ug/L			10/08/21 22:29	1
1,2,4-Trimethylbenzene	ND		1.0	0.29	ug/L			10/08/21 22:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.64	ug/L			10/08/21 22:29	1
1,2-Dibromoethane (EDB)	ND		1.0	0.14	ug/L			10/08/21 22:29	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/L			10/08/21 22:29	1
1,2-Dichloroethane	ND		0.50	0.15	ug/L			10/08/21 22:29	1
1,2-Dichloropropane	ND		1.0	0.24	ug/L			10/08/21 22:29	1
1,3,5-Trimethylbenzene	ND		1.0	0.28	ug/L			10/08/21 22:29	1
1,3-Dichlorobenzene	ND		1.0	0.26	ug/L			10/08/21 22:29	1
1,3-Dichloropropane	ND		1.0	0.20	ug/L			10/08/21 22:29	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/L			10/08/21 22:29	1
2,2-Dichloropropane	ND		1.0	0.40	ug/L			10/08/21 22:29	1
2-Butanone (MEK)	ND		10	3.0	ug/L			10/08/21 22:29	1
2-Chlorotoluene	ND		1.0	0.31	ug/L			10/08/21 22:29	1
2-Hexanone	ND		10	4.3	ug/L			10/08/21 22:29	1
4-Chlorotoluene	ND		1.0	0.34	ug/L			10/08/21 22:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.2	ug/L			10/08/21 22:29	1
Acetone	ND		20	4.0	ug/L			10/08/21 22:29	1
Benzene	ND		0.50	0.27	ug/L			10/08/21 22:29	1
Bromobenzene	ND		1.0	0.26	ug/L			10/08/21 22:29	1
Bromochloromethane	ND		1.0	0.35	ug/L			10/08/21 22:29	1
Bromodichloromethane	ND		1.0	0.22	ug/L			10/08/21 22:29	1
Bromoform	ND		1.0	0.39	ug/L			10/08/21 22:29	1
Bromomethane	ND		10	0.93	ug/L			10/08/21 22:29	1
Carbon disulfide	ND		10	0.24	ug/L			10/08/21 22:29	1
Carbon tetrachloride	ND		0.50	0.27	ug/L			10/08/21 22:29	1
Chlorobenzene	ND		1.0	0.24	ug/L			10/08/21 22:29	1
Chloroethane	ND		5.0	0.44	ug/L			10/08/21 22:29	1
Chloroform	ND		1.0	0.28	ug/L			10/08/21 22:29	1
Chloromethane	ND		10	0.29	ug/L			10/08/21 22:29	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/21 22:29	1
cis-1,3-Dichloropropene	ND		0.50	0.19	ug/L			10/08/21 22:29	1
Dibromochloromethane	ND		1.0	0.27	ug/L			10/08/21 22:29	1
Dibromomethane	ND		1.0	0.23	ug/L			10/08/21 22:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/21 22:29	1
Ethylbenzene	ND		1.0	0.36	ug/L			10/08/21 22:29	1
Isopropylbenzene	ND		1.0	0.38	ug/L			10/08/21 22:29	1
m,p-Xylene	ND		1.0	0.78	ug/L			10/08/21 22:29	1

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-185172/7
Matrix: Water
Analysis Batch: 185172

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		10	0.48	ug/L			10/08/21 22:29	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.21	ug/L			10/08/21 22:29	1
Naphthalene	ND		10	0.32	ug/L			10/08/21 22:29	1
n-Butylbenzene	ND		1.0	0.29	ug/L			10/08/21 22:29	1
N-Propylbenzene	ND		1.0	0.39	ug/L			10/08/21 22:29	1
o-Xylene	ND		1.0	0.35	ug/L			10/08/21 22:29	1
p-Isopropyltoluene	ND		1.0	0.28	ug/L			10/08/21 22:29	1
sec-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 22:29	1
Styrene	ND		1.0	0.28	ug/L			10/08/21 22:29	1
tert-Butylbenzene	ND		1.0	0.34	ug/L			10/08/21 22:29	1
Tetrachloroethene	ND		1.0	0.29	ug/L			10/08/21 22:29	1
Toluene	ND		1.0	0.33	ug/L			10/08/21 22:29	1
trans-1,2-Dichloroethene	ND		1.0	0.36	ug/L			10/08/21 22:29	1
trans-1,3-Dichloropropene	ND		0.50	0.17	ug/L			10/08/21 22:29	1
Trichloroethene	ND		1.0	0.29	ug/L			10/08/21 22:29	1
Trichlorofluoromethane	ND		10	0.30	ug/L			10/08/21 22:29	1
Vinyl acetate	ND		10	3.1	ug/L			10/08/21 22:29	1
Vinyl chloride	ND		0.50	0.40	ug/L			10/08/21 22:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		68 - 135		10/08/21 22:29	1
4-Bromofluorobenzene (Surr)	100		71 - 120		10/08/21 22:29	1
Dibromofluoromethane (Surr)	99		80 - 120		10/08/21 22:29	1
Toluene-d8 (Surr)	97		80 - 120		10/08/21 22:29	1

Lab Sample ID: LCS 570-185172/3
Matrix: Water
Analysis Batch: 185172

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	10.0	9.32		ug/L		93	76 - 143
1,1,1-Trichloroethane	10.0	9.60		ug/L		96	75 - 128
1,1,2,2-Tetrachloroethane	10.0	9.95		ug/L		99	73 - 126
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.2		ug/L		102	50 - 120
1,1,2-Trichloroethane	10.0	9.30		ug/L		93	80 - 120
1,1-Dichloroethane	10.0	9.59		ug/L		96	76 - 120
1,1-Dichloroethene	10.0	9.77		ug/L		98	72 - 120
1,1-Dichloropropene	10.0	9.63		ug/L		96	76 - 120
1,2,3-Trichlorobenzene	10.0	9.89		ug/L		99	80 - 125
1,2,3-Trichloropropane	10.0	8.72		ug/L		87	66 - 131
1,2,4-Trichlorobenzene	10.0	9.80		ug/L		98	80 - 123
1,2,4-Trimethylbenzene	10.0	10.5		ug/L		105	78 - 125
1,2-Dibromo-3-Chloropropane	10.0	9.82		ug/L		98	77 - 120
1,2-Dibromoethane (EDB)	10.0	8.99		ug/L		90	80 - 120
1,2-Dichlorobenzene	10.0	9.76		ug/L		98	79 - 123
1,2-Dichloroethane	10.0	9.78		ug/L		98	71 - 137
1,2-Dichloropropane	10.0	9.51		ug/L		95	80 - 120
1,3,5-Trimethylbenzene	10.0	9.98		ug/L		100	77 - 133

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-185172/3

Matrix: Water

Analysis Batch: 185172

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	10.0	9.39		ug/L		94	79 - 123
1,3-Dichloropropane	10.0	9.34		ug/L		93	80 - 123
1,4-Dichlorobenzene	10.0	9.58		ug/L		96	75 - 123
2,2-Dichloropropane	10.0	10.1		ug/L		101	78 - 133
2-Butanone (MEK)	10.0	7.53	J	ug/L		75	32 - 133
2-Chlorotoluene	10.0	9.17		ug/L		92	80 - 120
2-Hexanone	10.0	10.5		ug/L		105	57 - 127
4-Chlorotoluene	10.0	9.44		ug/L		94	78 - 120
4-Methyl-2-pentanone (MIBK)	10.0	9.59	J	ug/L		96	68 - 120
Acetone	10.0	9.76	J	ug/L		98	57 - 133
Benzene	10.0	9.58		ug/L		96	80 - 120
Bromobenzene	10.0	9.39		ug/L		94	80 - 124
Bromochloromethane	10.0	8.96		ug/L		90	76 - 125
Bromodichloromethane	10.0	9.91		ug/L		99	77 - 141
Bromoform	10.0	9.45		ug/L		95	46 - 178
Bromomethane	10.0	8.39	J	ug/L		84	52 - 162
Carbon disulfide	10.0	9.55	J	ug/L		96	66 - 125
Carbon tetrachloride	10.0	9.84		ug/L		98	69 - 145
Chlorobenzene	10.0	9.31		ug/L		93	80 - 120
Chloroethane	10.0	9.96		ug/L		100	73 - 139
Chloroform	10.0	9.61		ug/L		96	80 - 120
Chloromethane	10.0	9.70	J	ug/L		97	35 - 159
cis-1,2-Dichloroethene	10.0	9.78		ug/L		98	76 - 122
cis-1,3-Dichloropropene	10.0	9.64		ug/L		96	80 - 122
Dibromochloromethane	10.0	9.67		ug/L		97	63 - 151
Dibromomethane	10.0	9.52		ug/L		95	80 - 121
Dichlorodifluoromethane	10.0	10.5		ug/L		105	59 - 139
Ethylbenzene	10.0	9.43		ug/L		94	80 - 120
Isopropylbenzene	10.0	9.49		ug/L		95	80 - 124
m,p-Xylene	20.0	19.2		ug/L		96	80 - 122
Methylene Chloride	10.0	9.05	J	ug/L		90	70 - 120
Methyl-t-Butyl Ether (MTBE)	10.0	8.31		ug/L		83	72 - 120
Naphthalene	10.0	10.3		ug/L		103	75 - 120
n-Butylbenzene	10.0	10.2		ug/L		102	76 - 124
N-Propylbenzene	10.0	9.72		ug/L		97	80 - 122
o-Xylene	10.0	9.51		ug/L		95	80 - 122
p-Isopropyltoluene	10.0	10.8		ug/L		108	77 - 127
sec-Butylbenzene	10.0	9.90		ug/L		99	75 - 123
Styrene	10.0	9.79		ug/L		98	80 - 121
tert-Butylbenzene	10.0	9.63		ug/L		96	72 - 128
Tetrachloroethene	10.0	9.64		ug/L		96	80 - 128
Toluene	10.0	9.82		ug/L		98	80 - 120
trans-1,2-Dichloroethene	10.0	9.23		ug/L		92	67 - 123
trans-1,3-Dichloropropene	10.0	9.46		ug/L		95	78 - 140
Trichloroethene	10.0	9.76		ug/L		98	80 - 123
Trichlorofluoromethane	10.0	10.4		ug/L		104	64 - 168
Vinyl acetate	10.0	11.4		ug/L		114	75 - 144
Vinyl chloride	10.0	10.5		ug/L		105	74 - 130

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-185172/3
Matrix: Water
Analysis Batch: 185172

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

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		68 - 135
4-Bromofluorobenzene (Surr)	97		71 - 120
Dibromofluoromethane (Surr)	97		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 570-185172/4
Matrix: Water
Analysis Batch: 185172

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD
									Limit
1,1,1,2-Tetrachloroethane	10.0	9.35		ug/L		94	76 - 143	0	20
1,1,1-Trichloroethane	10.0	9.58		ug/L		96	75 - 128	0	20
1,1,2,2-Tetrachloroethane	10.0	9.85		ug/L		99	73 - 126	1	21
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.6		ug/L		106	50 - 120	4	20
1,1,2-Trichloroethane	10.0	9.30		ug/L		93	80 - 120	0	20
1,1-Dichloroethane	10.0	9.62		ug/L		96	76 - 120	0	20
1,1-Dichloroethene	10.0	9.85		ug/L		98	72 - 120	1	20
1,1-Dichloropropene	10.0	9.70		ug/L		97	76 - 120	1	20
1,2,3-Trichlorobenzene	10.0	9.57		ug/L		96	80 - 125	3	22
1,2,3-Trichloropropane	10.0	9.17		ug/L		92	66 - 131	5	20
1,2,4-Trichlorobenzene	10.0	9.64		ug/L		96	80 - 123	2	20
1,2,4-Trimethylbenzene	10.0	10.3		ug/L		103	78 - 125	2	22
1,2-Dibromo-3-Chloropropane	10.0	9.04		ug/L		90	77 - 120	8	21
1,2-Dibromoethane (EDB)	10.0	9.47		ug/L		95	80 - 120	5	20
1,2-Dichlorobenzene	10.0	9.40		ug/L		94	79 - 123	4	20
1,2-Dichloroethane	10.0	9.57		ug/L		96	71 - 137	2	20
1,2-Dichloropropane	10.0	9.24		ug/L		92	80 - 120	3	20
1,3,5-Trimethylbenzene	10.0	10.0		ug/L		100	77 - 133	0	20
1,3-Dichlorobenzene	10.0	9.03		ug/L		90	79 - 123	4	20
1,3-Dichloropropane	10.0	9.04		ug/L		90	80 - 123	3	20
1,4-Dichlorobenzene	10.0	9.27		ug/L		93	75 - 123	3	22
2,2-Dichloropropane	10.0	10.1		ug/L		101	78 - 133	0	20
2-Butanone (MEK)	10.0	8.58	J	ug/L		86	32 - 133	13	26
2-Chlorotoluene	10.0	9.39		ug/L		94	80 - 120	2	20
2-Hexanone	10.0	10.3		ug/L		103	57 - 127	2	21
4-Chlorotoluene	10.0	9.36		ug/L		94	78 - 120	1	21
4-Methyl-2-pentanone (MIBK)	10.0	10.5		ug/L		105	68 - 120	9	20
Acetone	10.0	10.3	J	ug/L		103	57 - 133	6	28
Benzene	10.0	9.37		ug/L		94	80 - 120	2	20
Bromobenzene	10.0	9.55		ug/L		95	80 - 124	2	20
Bromochloromethane	10.0	9.22		ug/L		92	76 - 125	3	20
Bromodichloromethane	10.0	9.64		ug/L		96	77 - 141	3	20
Bromoform	10.0	9.40		ug/L		94	46 - 178	1	23
Bromomethane	10.0	8.09	J	ug/L		81	52 - 162	4	20
Carbon disulfide	10.0	9.85	J	ug/L		99	66 - 125	3	20
Carbon tetrachloride	10.0	10.0		ug/L		100	69 - 145	2	20
Chlorobenzene	10.0	9.25		ug/L		93	80 - 120	1	20
Chloroethane	10.0	9.79		ug/L		98	73 - 139	2	20

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-185172/4
Matrix: Water
Analysis Batch: 185172

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	10.0	9.66		ug/L		97	80 - 120	1	20
Chloromethane	10.0	9.11	J	ug/L		91	35 - 159	6	20
cis-1,2-Dichloroethene	10.0	9.73		ug/L		97	76 - 122	0	20
cis-1,3-Dichloropropene	10.0	9.42		ug/L		94	80 - 122	2	20
Dibromochloromethane	10.0	9.71		ug/L		97	63 - 151	0	20
Dibromomethane	10.0	9.58		ug/L		96	80 - 121	1	20
Dichlorodifluoromethane	10.0	10.6		ug/L		106	59 - 139	1	20
Ethylbenzene	10.0	9.44		ug/L		94	80 - 120	0	20
Isopropylbenzene	10.0	9.66		ug/L		97	80 - 124	2	20
m,p-Xylene	20.0	18.8		ug/L		94	80 - 122	2	20
Methylene Chloride	10.0	9.26	J	ug/L		93	70 - 120	2	20
Methyl-t-Butyl Ether (MTBE)	10.0	8.60		ug/L		86	72 - 120	3	20
Naphthalene	10.0	9.98	J	ug/L		100	75 - 120	3	22
n-Butylbenzene	10.0	9.70		ug/L		97	76 - 124	5	23
N-Propylbenzene	10.0	9.51		ug/L		95	80 - 122	2	20
o-Xylene	10.0	9.40		ug/L		94	80 - 122	1	20
p-Isopropyltoluene	10.0	10.5		ug/L		105	77 - 127	3	21
sec-Butylbenzene	10.0	9.63		ug/L		96	75 - 123	3	21
Styrene	10.0	9.69		ug/L		97	80 - 121	1	20
tert-Butylbenzene	10.0	9.72		ug/L		97	72 - 128	1	22
Tetrachloroethene	10.0	9.48		ug/L		95	80 - 128	2	20
Toluene	10.0	9.52		ug/L		95	80 - 120	3	20
trans-1,2-Dichloroethene	10.0	9.58		ug/L		96	67 - 123	4	20
trans-1,3-Dichloropropene	10.0	9.10		ug/L		91	78 - 140	4	20
Trichloroethene	10.0	9.39		ug/L		94	80 - 123	4	20
Trichlorofluoromethane	10.0	10.2		ug/L		102	64 - 168	2	20
Vinyl acetate	10.0	10.8		ug/L		108	75 - 144	6	25
Vinyl chloride	10.0	10.4		ug/L		104	74 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	104		68 - 135
4-Bromofluorobenzene (Surr)	99		71 - 120
Dibromofluoromethane (Surr)	100		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: 440-289484-13 MS
Matrix: Water
Analysis Batch: 185172

Client Sample ID: MW-12D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	ND		10.0	10.1		ug/L		101	57 - 157
1,1,1-Trichloroethane	ND		10.0	10.9		ug/L		109	54 - 152
1,1,2,2-Tetrachloroethane	ND		10.0	10.5		ug/L		105	67 - 143
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	8.77	J	ug/L		88	35 - 132
1,1,2-Trichloroethane	ND		10.0	9.95		ug/L		100	70 - 138
1,1-Dichloroethane	ND		10.0	10.3		ug/L		103	57 - 140
1,1-Dichloroethene	0.48	J	10.0	11.5		ug/L		110	48 - 146
1,1-Dichloropropene	ND		10.0	10.7		ug/L		107	56 - 144

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-289484-13 MS

Matrix: Water

Analysis Batch: 185172

Client Sample ID: MW-12D

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichlorobenzene	ND		10.0	9.90		ug/L		99	66 - 146
1,2,3-Trichloropropane	ND		10.0	9.53		ug/L		95	66 - 139
1,2,4-Trichlorobenzene	ND		10.0	9.74		ug/L		97	64 - 146
1,2,4-Trimethylbenzene	ND		10.0	11.2		ug/L		112	52 - 156
1,2-Dibromo-3-Chloropropane	ND		10.0	9.83		ug/L		98	57 - 145
1,2-Dibromoethane (EDB)	ND		10.0	9.49		ug/L		95	69 - 139
1,2-Dichlorobenzene	ND		10.0	10.3		ug/L		103	63 - 146
1,2-Dichloroethane	ND		10.0	10.2		ug/L		102	63 - 151
1,2-Dichloropropane	ND		10.0	10.1		ug/L		101	65 - 143
1,3,5-Trimethylbenzene	ND		10.0	10.9		ug/L		109	58 - 158
1,3-Dichlorobenzene	ND		10.0	9.97		ug/L		100	61 - 145
1,3-Dichloropropane	ND		10.0	9.33		ug/L		93	70 - 137
1,4-Dichlorobenzene	ND		10.0	10.0		ug/L		100	61 - 141
2,2-Dichloropropane	ND		10.0	8.15		ug/L		81	56 - 148
2-Butanone (MEK)	ND		10.0	9.73	J	ug/L		97	48 - 141
2-Chlorotoluene	ND		10.0	10.1		ug/L		101	58 - 145
2-Hexanone	ND		10.0	9.64	J	ug/L		96	61 - 139
4-Chlorotoluene	ND		10.0	10.1		ug/L		101	59 - 144
4-Methyl-2-pentanone (MIBK)	ND		10.0	10.7		ug/L		107	63 - 139
Acetone	6.1	J F1 F2	10.0	19.6	J F1	ug/L		135	49 - 130
Benzene	ND		10.0	10.4		ug/L		104	61 - 143
Bromobenzene	ND		10.0	9.92		ug/L		99	64 - 146
Bromochloromethane	ND		10.0	9.76		ug/L		98	65 - 140
Bromodichloromethane	ND		10.0	10.3		ug/L		103	61 - 158
Bromoform	ND		10.0	9.47		ug/L		95	48 - 168
Bromomethane	ND	F2	10.0	9.07	J	ug/L		91	58 - 175
Carbon disulfide	ND		10.0	10.6		ug/L		106	48 - 149
Carbon tetrachloride	1.7		10.0	13.1		ug/L		113	46 - 167
Chlorobenzene	ND		10.0	10.1		ug/L		101	62 - 143
Chloroethane	ND	F1 F2	10.0	10.6		ug/L		106	65 - 162
Chloroform	2.3		10.0	12.4		ug/L		101	62 - 145
Chloromethane	ND	F2	10.0	8.19	J	ug/L		82	21 - 171
cis-1,2-Dichloroethene	ND		10.0	10.2		ug/L		102	53 - 156
cis-1,3-Dichloropropene	ND		10.0	9.74		ug/L		97	65 - 142
Dibromochloromethane	ND		10.0	10.6		ug/L		106	56 - 156
Dibromomethane	ND		10.0	9.76		ug/L		98	69 - 142
Dichlorodifluoromethane	ND	F1 F2	10.0	7.63		ug/L		76	38 - 159
Ethylbenzene	ND		10.0	10.2		ug/L		102	59 - 145
Isopropylbenzene	ND		10.0	10.8		ug/L		108	61 - 149
m,p-Xylene	ND		20.0	21.1		ug/L		105	61 - 150
Methylene Chloride	ND		10.0	9.44	J	ug/L		94	57 - 131
Methyl-t-Butyl Ether (MTBE)	ND		10.0	10.8		ug/L		108	62 - 125
Naphthalene	ND		10.0	9.32	J	ug/L		93	54 - 148
n-Butylbenzene	ND		10.0	10.7		ug/L		107	57 - 150
N-Propylbenzene	ND		10.0	10.6		ug/L		106	60 - 149
o-Xylene	ND		10.0	10.4		ug/L		104	61 - 150
p-Isopropyltoluene	ND		10.0	11.8		ug/L		118	55 - 153
sec-Butylbenzene	ND		10.0	10.8		ug/L		108	57 - 148
Styrene	ND		10.0	9.72		ug/L		97	53 - 146

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-289484-13 MS

Client Sample ID: MW-12D

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 185172

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	ND		10.0	10.8		ug/L		108	56 - 148
Tetrachloroethene	2.5		10.0	12.8		ug/L		102	52 - 156
Toluene	ND		10.0	10.4		ug/L		104	62 - 145
trans-1,2-Dichloroethene	ND		10.0	10.3		ug/L		103	54 - 142
trans-1,3-Dichloropropene	ND		10.0	9.18		ug/L		92	66 - 146
Trichloroethene	15		10.0	24.0		ug/L		91	35 - 163
Trichlorofluoromethane	ND	F1 F2	10.0	9.61	J	ug/L		96	75 - 151
Vinyl acetate	ND		10.0	11.7		ug/L		117	61 - 170
Vinyl chloride	ND	F1 F2	10.0	10.3		ug/L		103	75 - 139
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	99		68 - 135						
4-Bromofluorobenzene (Surr)	95		71 - 120						
Dibromofluoromethane (Surr)	97		80 - 120						
Toluene-d8 (Surr)	98		80 - 120						

Lab Sample ID: 440-289484-13 MSD

Client Sample ID: MW-12D

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 185172

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	ND		10.0	9.95		ug/L		99	57 - 157	1	20
1,1,1-Trichloroethane	ND		10.0	10.5		ug/L		105	54 - 152	4	26
1,1,1,2-Tetrachloroethane	ND		10.0	9.99		ug/L		100	67 - 143	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	8.86	J	ug/L		89	35 - 132	1	36
1,1,2-Trichloroethane	ND		10.0	9.47		ug/L		95	70 - 138	5	20
1,1-Dichloroethane	ND		10.0	10.2		ug/L		102	57 - 140	1	22
1,1-Dichloroethene	0.48	J	10.0	11.0		ug/L		105	48 - 146	5	28
1,1-Dichloropropene	ND		10.0	10.1		ug/L		101	56 - 144	6	27
1,2,3-Trichlorobenzene	ND		10.0	9.73		ug/L		97	66 - 146	2	24
1,2,3-Trichloropropane	ND		10.0	9.08		ug/L		91	66 - 139	5	20
1,2,4-Trichlorobenzene	ND		10.0	9.55		ug/L		96	64 - 146	2	25
1,2,4-Trimethylbenzene	ND		10.0	9.72		ug/L		97	52 - 156	14	24
1,2-Dibromo-3-Chloropropane	ND		10.0	9.17		ug/L		92	57 - 145	7	21
1,2-Dibromoethane (EDB)	ND		10.0	9.33		ug/L		93	69 - 139	2	20
1,2-Dichlorobenzene	ND		10.0	9.61		ug/L		96	63 - 146	6	20
1,2-Dichloroethane	ND		10.0	10.3		ug/L		103	63 - 151	1	20
1,2-Dichloropropane	ND		10.0	9.98		ug/L		100	65 - 143	1	20
1,3,5-Trimethylbenzene	ND		10.0	10.5		ug/L		105	58 - 158	4	26
1,3-Dichlorobenzene	ND		10.0	9.49		ug/L		95	61 - 145	5	22
1,3-Dichloropropane	ND		10.0	9.22		ug/L		92	70 - 137	1	20
1,4-Dichlorobenzene	ND		10.0	9.50		ug/L		95	61 - 141	5	22
2,2-Dichloropropane	ND		10.0	7.75		ug/L		78	56 - 148	5	26
2-Butanone (MEK)	ND		10.0	9.37	J	ug/L		94	48 - 141	4	26
2-Chlorotoluene	ND		10.0	9.92		ug/L		99	58 - 145	2	25
2-Hexanone	ND		10.0	10.4		ug/L		104	61 - 139	7	21
4-Chlorotoluene	ND		10.0	9.67		ug/L		97	59 - 144	4	24
4-Methyl-2-pentanone (MIBK)	ND		10.0	9.99	J	ug/L		100	63 - 139	7	20

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-289484-13 MSD
Matrix: Water
Analysis Batch: 185172

Client Sample ID: MW-12D
Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits		
Acetone	6.1	J F1 F2	10.0	11.0	J F2	ug/L		49	49 - 130	56	26
Benzene	ND		10.0	10.2		ug/L		102	61 - 143	2	20
Bromobenzene	ND		10.0	10.0		ug/L		100	64 - 146	1	20
Bromochloromethane	ND		10.0	9.57		ug/L		96	65 - 140	2	20
Bromodichloromethane	ND		10.0	9.98		ug/L		100	61 - 158	3	20
Bromoform	ND		10.0	9.10		ug/L		91	48 - 168	4	20
Bromomethane	ND F2		10.0	5.77	J F2	ug/L		58	58 - 175	44	22
Carbon disulfide	ND		10.0	10.2		ug/L		102	48 - 149	4	25
Carbon tetrachloride	1.7		10.0	12.6		ug/L		109	46 - 167	3	29
Chlorobenzene	ND		10.0	9.84		ug/L		98	62 - 143	2	20
Chloroethane	ND F1 F2		10.0	4.08	J F1 F2	ug/L		41	65 - 162	88	20
Chloroform	2.3		10.0	12.1		ug/L		98	62 - 145	3	20
Chloromethane	ND F2		10.0	5.09	J F2	ug/L		51	21 - 171	47	20
cis-1,2-Dichloroethene	ND		10.0	10.2		ug/L		102	53 - 156	0	20
cis-1,3-Dichloropropene	ND		10.0	9.44		ug/L		94	65 - 142	3	20
Dibromochloromethane	ND		10.0	10.2		ug/L		102	56 - 156	4	20
Dibromomethane	ND		10.0	10.0		ug/L		100	69 - 142	3	20
Dichlorodifluoromethane	ND F1 F2		10.0	3.16	F1 F2	ug/L		32	38 - 159	83	21
Ethylbenzene	ND		10.0	10.2		ug/L		102	59 - 145	1	23
Isopropylbenzene	ND		10.0	10.5		ug/L		105	61 - 149	2	28
m,p-Xylene	ND		20.0	20.5		ug/L		103	61 - 150	3	23
Methylene Chloride	ND		10.0	9.26	J	ug/L		93	57 - 131	2	21
Methyl-t-Butyl Ether (MTBE)	ND		10.0	10.1		ug/L		101	62 - 125	6	20
Naphthalene	ND		10.0	9.13	J	ug/L		91	54 - 148	2	22
n-Butylbenzene	ND		10.0	10.1		ug/L		101	57 - 150	6	30
N-Propylbenzene	ND		10.0	10.3		ug/L		103	60 - 149	3	29
o-Xylene	ND		10.0	10.2		ug/L		102	61 - 150	2	20
p-Isopropyltoluene	ND		10.0	11.1		ug/L		111	55 - 153	6	28
sec-Butylbenzene	ND		10.0	10.1		ug/L		101	57 - 148	6	31
Styrene	ND		10.0	9.02		ug/L		90	53 - 146	7	22
tert-Butylbenzene	ND		10.0	10.3		ug/L		103	56 - 148	5	28
Tetrachloroethene	2.5		10.0	13.0		ug/L		105	52 - 156	2	26
Toluene	ND		10.0	10.3		ug/L		103	62 - 145	1	21
trans-1,2-Dichloroethene	ND		10.0	9.76		ug/L		98	54 - 142	5	25
trans-1,3-Dichloropropene	ND		10.0	8.87		ug/L		89	66 - 146	3	20
Trichloroethene	15		10.0	24.5		ug/L		96	35 - 163	2	21
Trichlorofluoromethane	ND F1 F2		10.0	3.97	J F1 F2	ug/L		40	75 - 151	83	20
Vinyl acetate	ND		10.0	11.0		ug/L		110	61 - 170	7	27
Vinyl chloride	ND F1 F2		10.0	4.42	F1 F2	ug/L		44	75 - 139	80	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		68 - 135
4-Bromofluorobenzene (Surr)	98		71 - 120
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	100		80 - 120

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-185637/6
Matrix: Water
Analysis Batch: 185637

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.29	ug/L			10/11/21 22:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		68 - 135					10/11/21 22:18	1
4-Bromofluorobenzene (Surr)	90		71 - 120					10/11/21 22:18	1
Dibromofluoromethane (Surr)	93		80 - 120					10/11/21 22:18	1
Toluene-d8 (Surr)	96		80 - 120					10/11/21 22:18	1

Lab Sample ID: LCS 570-185637/3
Matrix: Water
Analysis Batch: 185637

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	10.0	9.05		ug/L		91	80 - 123
Surrogate	%Recovery	Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	87		68 - 135				
4-Bromofluorobenzene (Surr)	102		71 - 120				
Dibromofluoromethane (Surr)	93		80 - 120				
Toluene-d8 (Surr)	96		80 - 120				

Lab Sample ID: LCSD 570-185637/4
Matrix: Water
Analysis Batch: 185637

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	10.0	9.17		ug/L		92	80 - 123	1	20
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	89		68 - 135						
4-Bromofluorobenzene (Surr)	102		71 - 120						
Dibromofluoromethane (Surr)	93		80 - 120						
Toluene-d8 (Surr)	97		80 - 120						

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 570-184814/4
Matrix: Water
Analysis Batch: 184814

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		1.0	0.078	ug/L			10/07/21 11:05	1
Ethane	ND		1.0	0.13	ug/L			10/07/21 11:05	1
Ethylene	ND		1.0	0.13	ug/L			10/07/21 11:05	1

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCS 570-184814/2
Matrix: Water
Analysis Batch: 184814

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane	12.9	12.0		ug/L		92	80 - 120
Ethane	25.7	23.2		ug/L		90	80 - 120
Ethylene	32.5	29.3		ug/L		90	80 - 120

Lab Sample ID: LCSD 570-184814/3
Matrix: Water
Analysis Batch: 184814

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methane	12.9	11.9		ug/L		92	80 - 120	0	20
Ethane	25.7	23.2		ug/L		90	80 - 120	0	20
Ethylene	32.5	29.3		ug/L		90	80 - 120	0	20

Lab Sample ID: MB 570-185032/4
Matrix: Water
Analysis Batch: 185032

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		1.0	0.078	ug/L			10/08/21 10:43	1
Ethane	ND		1.0	0.13	ug/L			10/08/21 10:43	1
Ethylene	ND		1.0	0.13	ug/L			10/08/21 10:43	1

Lab Sample ID: LCS 570-185032/2
Matrix: Water
Analysis Batch: 185032

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane	12.9	12.0		ug/L		92	80 - 120
Ethane	25.7	23.3		ug/L		90	80 - 120
Ethylene	32.5	29.3		ug/L		90	80 - 120

Lab Sample ID: LCSD 570-185032/3
Matrix: Water
Analysis Batch: 185032

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methane	12.9	12.0		ug/L		92	80 - 120	0	20
Ethane	25.7	23.2		ug/L		90	80 - 120	0	20
Ethylene	32.5	29.3		ug/L		90	80 - 120	0	20

Lab Sample ID: 440-289484-13 DU
Matrix: Water
Analysis Batch: 185032

Client Sample ID: MW-12D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Methane	ND		ND		ug/L		NC	20
Ethane	ND		ND		ug/L		NC	20
Ethylene	ND		ND		ug/L		NC	20

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 440-657796/6
Matrix: Water
Analysis Batch: 657796

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.11	0.055	mg/L			09/29/21 16:53	1

Lab Sample ID: LCS 440-657796/5
Matrix: Water
Analysis Batch: 657796

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	1.13	1.10		mg/L		97	90 - 110
Nitrite as N	1.52	1.54		mg/L		101	90 - 110

Lab Sample ID: MB 440-657797/6
Matrix: Water
Analysis Batch: 657797

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0	0.25	mg/L			09/29/21 16:53	1
Sulfate	ND		1.0	0.25	mg/L			09/29/21 16:53	1

Lab Sample ID: LCS 440-657797/5
Matrix: Water
Analysis Batch: 657797

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	4.87		mg/L		97	90 - 110
Fluoride	5.00	4.77		mg/L		95	90 - 110
Sulfate	5.00	4.92		mg/L		98	90 - 110

Lab Sample ID: 440-289484-2 MS
Matrix: Water
Analysis Batch: 657797

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	620	E	100	724	E 4	mg/L		103	80 - 120
Fluoride	35		100	136		mg/L		101	80 - 120
Sulfate	9600	E	100	9320	E 4	mg/L		-243	80 - 120

Lab Sample ID: 440-289484-2 MSD
Matrix: Water
Analysis Batch: 657797

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	620	E	100	723	E 4	mg/L		102	80 - 120	0	20
Fluoride	35		100	137		mg/L		102	80 - 120	1	20
Sulfate	9600	E	100	9300	E 4	mg/L		-267	80 - 120	0	20

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: 300.0 - Anions, Ion Chromatography - DL

Lab Sample ID: 440-289484-13 MS
Matrix: Water
Analysis Batch: 657796

Client Sample ID: MW-12D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N - DL	16		56.5	70.8		mg/L		96	80 - 120
Nitrite as N - DL	ND		76.1	75.6		mg/L		99	80 - 120

Lab Sample ID: 440-289484-13 MSD
Matrix: Water
Analysis Batch: 657796

Client Sample ID: MW-12D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrate as N - DL	16		56.5	71.3		mg/L		97	80 - 120	1	20
Nitrite as N - DL	ND		76.1	76.1		mg/L		100	80 - 120	1	20

Lab Sample ID: 440-289484-13 MS
Matrix: Water
Analysis Batch: 657797

Client Sample ID: MW-12D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride - DL	170		250	423		mg/L		101	80 - 120
Fluoride - DL	ND		250	238		mg/L		95	80 - 120
Sulfate - DL	390		250	649		mg/L		103	80 - 120

Lab Sample ID: 440-289484-13 MSD
Matrix: Water
Analysis Batch: 657797

Client Sample ID: MW-12D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride - DL	170		250	425		mg/L		102	80 - 120	1	20
Fluoride - DL	ND		250	240		mg/L		96	80 - 120	1	20
Sulfate - DL	390		250	649		mg/L		103	80 - 120	0	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 440-657875/1-B
Matrix: Water
Analysis Batch: 657988

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 657932

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Arsenic	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Barium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Beryllium	ND		0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 14:35	1
Cadmium	ND		0.0010	0.00025	mg/L		10/01/21 08:48	10/01/21 14:35	1
Chromium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Cobalt	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Copper	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Lead	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Molybdenum	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Nickel	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Selenium	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Silver	ND		0.0010	0.00050	mg/L		10/01/21 08:48	10/01/21 14:35	1
Thallium	ND		0.0010	0.00020	mg/L		10/01/21 08:48	10/01/21 14:35	1

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QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

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

Lab Sample ID: MB 440-657875/1-B
Matrix: Water
Analysis Batch: 657988

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 657932

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0010	0.0010	mg/L		10/01/21 08:48	10/01/21 14:35	1
Zinc	0.00590	J	0.020	0.0025	mg/L		10/01/21 08:48	10/01/21 14:35	1

Lab Sample ID: LCS 440-657875/2-B
Matrix: Water
Analysis Batch: 657988

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 657932

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.0800	0.0832		mg/L		104	80 - 120
Arsenic	0.0800	0.0747		mg/L		93	80 - 120
Barium	0.0800	0.0746		mg/L		93	80 - 120
Beryllium	0.0800	0.0777		mg/L		97	80 - 120
Cadmium	0.0800	0.0742		mg/L		93	80 - 120
Chromium	0.0800	0.0728		mg/L		91	80 - 120
Cobalt	0.0800	0.0763		mg/L		95	80 - 120
Copper	0.0800	0.0750		mg/L		94	80 - 120
Lead	0.0800	0.0751		mg/L		94	80 - 120
Molybdenum	0.0800	0.0759		mg/L		95	80 - 120
Nickel	0.0800	0.0749		mg/L		94	80 - 120
Selenium	0.0800	0.0734		mg/L		92	80 - 120
Silver	0.0800	0.0767		mg/L		96	80 - 120
Thallium	0.0800	0.0763		mg/L		95	80 - 120
Vanadium	0.0800	0.0737		mg/L		92	80 - 120
Zinc	0.0800	0.0741		mg/L		93	80 - 120

Lab Sample ID: 440-289484-13 MS
Matrix: Water
Analysis Batch: 657988

Client Sample ID: MW-12D
Prep Type: Dissolved
Prep Batch: 657932

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND		0.0800	0.0865		mg/L		108	75 - 125
Arsenic	0.00052	J	0.0800	0.0756		mg/L		94	75 - 125
Barium	0.069		0.0800	0.148		mg/L		98	75 - 125
Beryllium	ND		0.0800	0.0805		mg/L		101	75 - 125
Cadmium	ND		0.0800	0.0728		mg/L		91	75 - 125
Chromium	0.0058		0.0800	0.0768		mg/L		89	75 - 125
Cobalt	ND		0.0800	0.0689		mg/L		86	75 - 125
Copper	0.0026		0.0800	0.0692		mg/L		83	75 - 125
Lead	ND		0.0800	0.0714		mg/L		89	75 - 125
Molybdenum	0.0058		0.0800	0.0850		mg/L		99	75 - 125
Nickel	ND		0.0800	0.0694		mg/L		87	75 - 125
Selenium	0.0049		0.0800	0.0763		mg/L		89	75 - 125
Silver	ND		0.0800	0.0739		mg/L		92	75 - 125
Thallium	ND		0.0800	0.0735		mg/L		92	75 - 125
Vanadium	0.0036		0.0800	0.0782		mg/L		93	75 - 125
Zinc	0.0055	J B	0.0800	0.0786		mg/L		91	75 - 125

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

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

Lab Sample ID: 440-289484-13 MSD
 Matrix: Water
 Analysis Batch: 657988

Client Sample ID: MW-12D
 Prep Type: Dissolved
 Prep Batch: 657932

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Antimony	ND		0.0800	0.0876		mg/L		110	75 - 125	1	20
Arsenic	0.00052	J	0.0800	0.0751		mg/L		93	75 - 125	1	20
Barium	0.069		0.0800	0.151		mg/L		102	75 - 125	2	20
Beryllium	ND		0.0800	0.0806		mg/L		101	75 - 125	0	20
Cadmium	ND		0.0800	0.0746		mg/L		93	75 - 125	2	20
Chromium	0.0058		0.0800	0.0764		mg/L		88	75 - 125	1	20
Cobalt	ND		0.0800	0.0679		mg/L		85	75 - 125	1	20
Copper	0.0026		0.0800	0.0687		mg/L		83	75 - 125	1	20
Lead	ND		0.0800	0.0713		mg/L		89	75 - 125	0	20
Molybdenum	0.0058		0.0800	0.0874		mg/L		102	75 - 125	3	20
Nickel	ND		0.0800	0.0686		mg/L		86	75 - 125	1	20
Selenium	0.0049		0.0800	0.0755		mg/L		88	75 - 125	1	20
Silver	ND		0.0800	0.0750		mg/L		94	75 - 125	1	20
Thallium	ND		0.0800	0.0740		mg/L		93	75 - 125	1	20
Vanadium	0.0036		0.0800	0.0773		mg/L		92	75 - 125	1	20
Zinc	0.0055	J B	0.0800	0.0769		mg/L		89	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 440-657875/1-C
 Matrix: Water
 Analysis Batch: 658089

Client Sample ID: Method Blank
 Prep Type: Dissolved
 Prep Batch: 658048

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00075	0.00010	mg/L		10/04/21 10:40	10/04/21 15:33	1

Lab Sample ID: LCS 440-657875/2-C
 Matrix: Water
 Analysis Batch: 658089

Client Sample ID: Lab Control Sample
 Prep Type: Dissolved
 Prep Batch: 658048

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Mercury	0.00600	0.00581		mg/L		97	80 - 120

Lab Sample ID: 440-289484-13 MS
 Matrix: Water
 Analysis Batch: 658089

Client Sample ID: MW-12D
 Prep Type: Dissolved
 Prep Batch: 658048

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Mercury	ND		0.00600	0.00559		mg/L		93	75 - 125

Lab Sample ID: 440-289484-13 MSD
 Matrix: Water
 Analysis Batch: 658089

Client Sample ID: MW-12D
 Prep Type: Dissolved
 Prep Batch: 658048

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Mercury	ND		0.00600	0.00550		mg/L		92	75 - 125	2	20

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

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

Lab Sample ID: MB 440-658182/1
Matrix: Water
Analysis Batch: 658182

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10	5.0	mg/L			10/06/21 09:51	1

Lab Sample ID: LCS 440-658182/2
Matrix: Water
Analysis Batch: 658182

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	1000	966		mg/L		97	90 - 110

Lab Sample ID: 440-289484-13 DU
Matrix: Water
Analysis Batch: 658182

Client Sample ID: MW-12D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1300		1320		mg/L		3	5

Method: SM 3500 Fe B - Iron, Ferrous

Lab Sample ID: MB 570-185231/4
Matrix: Water
Analysis Batch: 185231

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND		0.10	0.019	mg/L			10/08/21 21:24	1

Lab Sample ID: LCS 570-185231/5
Matrix: Water
Analysis Batch: 185231

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	1.00	0.997		mg/L		100	79 - 114

Lab Sample ID: LCSD 570-185231/6
Matrix: Water
Analysis Batch: 185231

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ferrous Iron	1.00	1.01		mg/L		101	79 - 114	1	11

Lab Sample ID: 440-289484-13 MS
Matrix: Water
Analysis Batch: 185231

Client Sample ID: MW-12D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	ND	HF	1.00	0.966		mg/L		97	65 - 128

QC Sample Results

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Method: SM 3500 Fe B - Iron, Ferrous (Continued)

Lab Sample ID: 440-289484-13 DU
 Matrix: Water
 Analysis Batch: 185231

Client Sample ID: MW-12D
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Ferrous Iron	ND	HF	ND	HF	mg/L		NC	9

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QC Association Summary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

GC/MS VOA

Analysis Batch: 185172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-1	TB-092921-1	Total/NA	Water	8260B	
440-289484-2	MW-14	Total/NA	Water	8260B	
440-289484-3	SS-3	Total/NA	Water	8260B	
440-289484-4	FB-092921-1	Total/NA	Water	8260B	
440-289484-5	SI-4	Total/NA	Water	8260B	
440-289484-6	SI-2	Total/NA	Water	8260B	
440-289484-7	EB-092921-1	Total/NA	Water	8260B	
440-289484-8	TB-092921-2	Total/NA	Water	8260B	
440-289484-9	MW-22D	Total/NA	Water	8260B	
440-289484-10	MW-22	Total/NA	Water	8260B	
440-289484-11	MW-24D	Total/NA	Water	8260B	
440-289484-12	MW-25D	Total/NA	Water	8260B	
440-289484-13	MW-12D	Total/NA	Water	8260B	
440-289484-14	EB-092921-2	Total/NA	Water	8260B	
MB 570-185172/7	Method Blank	Total/NA	Water	8260B	
LCS 570-185172/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-185172/4	Lab Control Sample Dup	Total/NA	Water	8260B	
440-289484-13 MS	MW-12D	Total/NA	Water	8260B	
440-289484-13 MSD	MW-12D	Total/NA	Water	8260B	

Analysis Batch: 185637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-2 - DL	MW-14	Total/NA	Water	8260B	
440-289484-3 - DL	SS-3	Total/NA	Water	8260B	
440-289484-6 - RA	SI-2	Total/NA	Water	8260B	
440-289484-10 - RA	MW-22	Total/NA	Water	8260B	
MB 570-185637/6	Method Blank	Total/NA	Water	8260B	
LCS 570-185637/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-185637/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 184814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-4	FB-092921-1	Total/NA	Water	RSK-175	
440-289484-9	MW-22D	Total/NA	Water	RSK-175	
440-289484-12	MW-25D	Total/NA	Water	RSK-175	
MB 570-184814/4	Method Blank	Total/NA	Water	RSK-175	
LCS 570-184814/2	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 570-184814/3	Lab Control Sample Dup	Total/NA	Water	RSK-175	

Analysis Batch: 185032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-13	MW-12D	Total/NA	Water	RSK-175	
440-289484-14	EB-092921-2	Total/NA	Water	RSK-175	
MB 570-185032/4	Method Blank	Total/NA	Water	RSK-175	
LCS 570-185032/2	Lab Control Sample	Total/NA	Water	RSK-175	
LCSD 570-185032/3	Lab Control Sample Dup	Total/NA	Water	RSK-175	
440-289484-13 DU	MW-12D	Total/NA	Water	RSK-175	

QC Association Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

HPLC/IC

Analysis Batch: 657796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-4	FB-092921-1	Total/NA	Water	300.0	
440-289484-9	MW-22D	Total/NA	Water	300.0	
440-289484-12	MW-25D	Total/NA	Water	300.0	
440-289484-13 - DL	MW-12D	Total/NA	Water	300.0	
440-289484-14	EB-092921-2	Total/NA	Water	300.0	
MB 440-657796/6	Method Blank	Total/NA	Water	300.0	
LCS 440-657796/5	Lab Control Sample	Total/NA	Water	300.0	
440-289484-13 MS - DL	MW-12D	Total/NA	Water	300.0	
440-289484-13 MSD - DL	MW-12D	Total/NA	Water	300.0	

Analysis Batch: 657797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-2	MW-14	Total/NA	Water	300.0	
440-289484-2 - DL	MW-14	Total/NA	Water	300.0	
440-289484-3	SS-3	Total/NA	Water	300.0	
440-289484-4	FB-092921-1	Total/NA	Water	300.0	
440-289484-6	SI-2	Total/NA	Water	300.0	
440-289484-7	EB-092921-1	Total/NA	Water	300.0	
440-289484-9	MW-22D	Total/NA	Water	300.0	
440-289484-10	MW-22	Total/NA	Water	300.0	
440-289484-12	MW-25D	Total/NA	Water	300.0	
440-289484-13 - DL	MW-12D	Total/NA	Water	300.0	
440-289484-14	EB-092921-2	Total/NA	Water	300.0	
MB 440-657797/6	Method Blank	Total/NA	Water	300.0	
LCS 440-657797/5	Lab Control Sample	Total/NA	Water	300.0	
440-289484-2 MS	MW-14	Total/NA	Water	300.0	
440-289484-2 MSD	MW-14	Total/NA	Water	300.0	
440-289484-13 MS - DL	MW-12D	Total/NA	Water	300.0	
440-289484-13 MSD - DL	MW-12D	Total/NA	Water	300.0	

Metals

Filtration Batch: 657875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-2	MW-14	Dissolved	Water	FILTRATION	
440-289484-3	SS-3	Dissolved	Water	FILTRATION	
440-289484-4	FB-092921-1	Dissolved	Water	FILTRATION	
440-289484-6	SI-2	Dissolved	Water	FILTRATION	
440-289484-7	EB-092921-1	Dissolved	Water	FILTRATION	
440-289484-9	MW-22D	Dissolved	Water	FILTRATION	
440-289484-10	MW-22	Dissolved	Water	FILTRATION	
440-289484-12	MW-25D	Dissolved	Water	FILTRATION	
440-289484-13	MW-12D	Dissolved	Water	FILTRATION	
440-289484-14	EB-092921-2	Dissolved	Water	FILTRATION	
MB 440-657875/1-B	Method Blank	Dissolved	Water	FILTRATION	
MB 440-657875/1-C	Method Blank	Dissolved	Water	FILTRATION	
LCS 440-657875/2-B	Lab Control Sample	Dissolved	Water	FILTRATION	
LCS 440-657875/2-C	Lab Control Sample	Dissolved	Water	FILTRATION	
440-289484-13 MS	MW-12D	Dissolved	Water	FILTRATION	
440-289484-13 MSD	MW-12D	Dissolved	Water	FILTRATION	

QC Association Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Metals

Prep Batch: 657932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-2	MW-14	Dissolved	Water	3005A	657875
440-289484-3	SS-3	Dissolved	Water	3005A	657875
440-289484-4	FB-092921-1	Dissolved	Water	3005A	657875
440-289484-6	SI-2	Dissolved	Water	3005A	657875
440-289484-7	EB-092921-1	Dissolved	Water	3005A	657875
440-289484-9	MW-22D	Dissolved	Water	3005A	657875
440-289484-10	MW-22	Dissolved	Water	3005A	657875
440-289484-12	MW-25D	Dissolved	Water	3005A	657875
440-289484-13	MW-12D	Dissolved	Water	3005A	657875
440-289484-14	EB-092921-2	Dissolved	Water	3005A	657875
MB 440-657875/1-B	Method Blank	Dissolved	Water	3005A	657875
LCS 440-657875/2-B	Lab Control Sample	Dissolved	Water	3005A	657875
440-289484-13 MS	MW-12D	Dissolved	Water	3005A	657875
440-289484-13 MSD	MW-12D	Dissolved	Water	3005A	657875

Analysis Batch: 657988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-2	MW-14	Dissolved	Water	6020	657932
440-289484-3	SS-3	Dissolved	Water	6020	657932
440-289484-4	FB-092921-1	Dissolved	Water	6020	657932
440-289484-6	SI-2	Dissolved	Water	6020	657932
440-289484-7	EB-092921-1	Dissolved	Water	6020	657932
440-289484-9	MW-22D	Dissolved	Water	6020	657932
440-289484-10	MW-22	Dissolved	Water	6020	657932
440-289484-12	MW-25D	Dissolved	Water	6020	657932
440-289484-13	MW-12D	Dissolved	Water	6020	657932
440-289484-14	EB-092921-2	Dissolved	Water	6020	657932
MB 440-657875/1-B	Method Blank	Dissolved	Water	6020	657932
LCS 440-657875/2-B	Lab Control Sample	Dissolved	Water	6020	657932
440-289484-13 MS	MW-12D	Dissolved	Water	6020	657932
440-289484-13 MSD	MW-12D	Dissolved	Water	6020	657932

Prep Batch: 658048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-2	MW-14	Dissolved	Water	7470A	657875
440-289484-3	SS-3	Dissolved	Water	7470A	657875
440-289484-4	FB-092921-1	Dissolved	Water	7470A	657875
440-289484-6	SI-2	Dissolved	Water	7470A	657875
440-289484-7	EB-092921-1	Dissolved	Water	7470A	657875
440-289484-9	MW-22D	Dissolved	Water	7470A	657875
440-289484-10	MW-22	Dissolved	Water	7470A	657875
440-289484-12	MW-25D	Dissolved	Water	7470A	657875
440-289484-13	MW-12D	Dissolved	Water	7470A	657875
440-289484-14	EB-092921-2	Dissolved	Water	7470A	657875
MB 440-657875/1-C	Method Blank	Dissolved	Water	7470A	657875
LCS 440-657875/2-C	Lab Control Sample	Dissolved	Water	7470A	657875
440-289484-13 MS	MW-12D	Dissolved	Water	7470A	657875
440-289484-13 MSD	MW-12D	Dissolved	Water	7470A	657875

QC Association Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Metals

Analysis Batch: 658054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-2	MW-14	Dissolved	Water	6020	657932
440-289484-3	SS-3	Dissolved	Water	6020	657932

Analysis Batch: 658089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-2	MW-14	Dissolved	Water	7470A	658048
440-289484-3	SS-3	Dissolved	Water	7470A	658048
440-289484-4	FB-092921-1	Dissolved	Water	7470A	658048
440-289484-6	SI-2	Dissolved	Water	7470A	658048
440-289484-7	EB-092921-1	Dissolved	Water	7470A	658048
440-289484-9	MW-22D	Dissolved	Water	7470A	658048
440-289484-10	MW-22	Dissolved	Water	7470A	658048
440-289484-12	MW-25D	Dissolved	Water	7470A	658048
440-289484-13	MW-12D	Dissolved	Water	7470A	658048
440-289484-14	EB-092921-2	Dissolved	Water	7470A	658048
MB 440-657875/1-C	Method Blank	Dissolved	Water	7470A	658048
LCS 440-657875/2-C	Lab Control Sample	Dissolved	Water	7470A	658048
440-289484-13 MS	MW-12D	Dissolved	Water	7470A	658048
440-289484-13 MSD	MW-12D	Dissolved	Water	7470A	658048

General Chemistry

Analysis Batch: 185231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-4	FB-092921-1	Total/NA	Water	SM 3500 Fe B	
440-289484-9	MW-22D	Total/NA	Water	SM 3500 Fe B	
440-289484-12	MW-25D	Total/NA	Water	SM 3500 Fe B	
440-289484-13	MW-12D	Total/NA	Water	SM 3500 Fe B	
440-289484-14	EB-092921-2	Total/NA	Water	SM 3500 Fe B	
MB 570-185231/4	Method Blank	Total/NA	Water	SM 3500 Fe B	
LCS 570-185231/5	Lab Control Sample	Total/NA	Water	SM 3500 Fe B	
LCSD 570-185231/6	Lab Control Sample Dup	Total/NA	Water	SM 3500 Fe B	
440-289484-13 MS	MW-12D	Total/NA	Water	SM 3500 Fe B	
440-289484-13 MSD	MW-12D	Total/NA	Water	SM 3500 Fe B	
440-289484-13 DU	MW-12D	Total/NA	Water	SM 3500 Fe B	

Analysis Batch: 658182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-289484-2	MW-14	Total/NA	Water	SM 2540C	
440-289484-3	SS-3	Total/NA	Water	SM 2540C	
440-289484-4	FB-092921-1	Total/NA	Water	SM 2540C	
440-289484-6	SI-2	Total/NA	Water	SM 2540C	
440-289484-7	EB-092921-1	Total/NA	Water	SM 2540C	
440-289484-9	MW-22D	Total/NA	Water	SM 2540C	
440-289484-10	MW-22	Total/NA	Water	SM 2540C	
440-289484-12	MW-25D	Total/NA	Water	SM 2540C	
440-289484-13	MW-12D	Total/NA	Water	SM 2540C	
440-289484-14	EB-092921-2	Total/NA	Water	SM 2540C	
MB 440-658182/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 440-658182/2	Lab Control Sample	Total/NA	Water	SM 2540C	
440-289484-13 DU	MW-12D	Total/NA	Water	SM 2540C	

Definitions/Glossary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

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

HPLC/IC

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

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Definitions/Glossary

Client: Dudek & Associates
Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Accreditation/Certification Summary

Client: Dudek & Associates
 Project/Site: Exide Technologies / 1363

Job ID: 440-289484-1

Laboratory: Eurofins Calscience Irvine

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

Authority	Program	Identification Number	Expiration Date
California	State	2706	06-30-22
Oregon	NELAP	4028 - 011	01-29-22

Laboratory: Eurofins Calscience LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
RSK-175		Water	Ethane
RSK-175		Water	Ethylene
RSK-175		Water	Methane
Oregon	NELAP		CA300001
			01-30-22




LAB. TEST AMERICA
Irvine, CA

CHAIN-OF-CUSTODY RECORD
DATE: 9/29/21
PAGE: 1 OF 2

WO NO. / LAB USE ONLY

LABORATORY CLIENT: **Exide Technologies / DUDEK**
ADDRESS: **605 3rd Street**
CITY: **Encinitas** STATE: **CA** ZIP: **92024**
TEL: **760-479-4152** E-MAIL: **Npeacock@Dudek.com**

CLIENT PROJECT NAME / NO: **Exide Technologies / 1363**
PROJECT CONTACT: **Nicole Peacock**
GLOBAL ID: _____ LOG CODE: _____
P.O. NO: **13743**
SAMPLER(S) (PRINT): **Ben Stevens**
SAMPLER(S) (SIGNATURE): 



TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS STANDARD
 COELT EDF OTHER




REQUESTED ANALYSES
Please check box or fill in blank as needed.

SPECIAL INSTRUCTIONS:
-Level 2 Reporting
-Report all with "J flags" (down to MDL)
-Results to Nicole Peacock
-Invoice Dudek
Samples are not field filtered

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT	Field Filtered		VOCs EPA 8260B (samples have HCl preservative)	Disolved Metals (T22) EPA 6020/7470A (lab filtered)	Sulfate and Chloride EPA 300	TDS SM 2540C	Dissolved gases (methane ethane, ethene) RSK 175	Ferrous Iron SM 3500 Fe B	Nitrate EPA 300
		DATE	TIME			Unpreserved	Preserved							
	TS-092921-1	9/29/21	0700	W	2			X	X	X	X			
	MW-14		0949		5	2	3	X	X	X	X			
	SS-3		0959		5	2	3	X	X	X	X			
	FB-092921-1		1025		8	3	5	X	X	X	X			
	SE-4		1253		1			X						
	SE-2		1315		5	2	3	X	X	X	X			
	FB-092921-1		1340		5	2	3	X	X	X	X			



Relinquished by (Signature): 
Relinquished by (Signature): 
Relinquished by (Signature): 

Received by (Signature/Affiliation): **DUDEK**
Received by (Signature/Affiliation): 
Received by (Signature/Affiliation): 
Received by (Signature/Affiliation):  **EC IRN**

Date: 9/29/21 Time: 1430
Date: 9/29/21 Time: 1549
Date: 9/29/21 Time: 1813

06/08 05/107 2014-07-01 Revision 1289



Eurofins Calscience Irvine
 17461 Derian Ave Suite 100
 Irvine, CA 92614-5817
 Phone 949-261-1022 Fax: 949-260-3297

Chain of Custody Record



Environment Testing
 America



Client Information (Sub Contract Lab)		Lab PM: Roberts, Danielle C	Carrier Tracking No(s):	COC No: 440-173934 1
Client Contact: Shipping/Receiving		E-Mail: Danielle.Roberts@Eurofins.com	State of Origin: California	Page: Page 1 of 2
Company: Eurofins Calscience LLC		Accreditations Required (See note): NELAP - Oregon, State - California, State Program - Cal		
Address: 7440 Lincoln Way, Garden Grove State, Zip CA, 92841		Job #: 440-289484-1		
Phone: 714-895-5494(Tel) 714-894-7501(Fax)		Preservation Codes		
Email:		A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		
Project Name: Exide		Analysis Requested		
Site: Exide Technologies		Total Number of containers		
Due Date Requested: 10/12/2021		Field Filtered Sample (Yes or No)		
TAT Requested (days):		Perform MS/MSD (Yes or No)		
PO #:		8260B_LL/5030C (MOD) 8260 B LL		
WO #:		RSK_175/ Methane, Ethane, and Ethene		
Project #: 44025499		3500_F+2_B_Calc/ Ferrous Iron		
SSOW#:		Special Instructions/Note:		
Sample Identification - Client ID (Lab ID)				
Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Trace, Analyt)	Preservation Code
9/29/21	07:00 Pacific		Water	
9/29/21	09:49 Pacific		Water	
9/29/21	09:59 Pacific		Water	
9/29/21	10:25 Pacific		Water	
9/29/21	12:53 Pacific		Water	
9/29/21	13:15 Pacific		Water	
9/29/21	13:40 Pacific		Water	
9/29/21	08:00 Pacific		Water	
9/29/21	11:05 Pacific		Water	
Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody if the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately if all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience				
Possible Hazard Identification				
Unconfirmed				
Deliverable Requested I, II, III, IV, Other (specify)				
Primary Deliverable Rank: 2				
Empty Kit Relinquished by:				
Relinquished by: <i>[Signature]</i>				
Relinquished by: <i>[Signature]</i>				
Relinquished by:				
Custody Seals Intact: <i>[Signature]</i>				
Custody Seal No				
Cooler Temperature(s) °C and Other Remarks: 2.5/2.1 Sec				



Login Sample Receipt Checklist

Client: Dudek & Associates

Job Number: 440-289484-1

Login Number: 289484

List Source: Eurofins Calscience Irvine

List Number: 1

Creator: Escalante, Maria I

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Dudek & Associates

Job Number: 440-289484-1

Login Number: 289484

List Number: 2

Creator: Ortiz-Luis, Michael

List Source: Eurofins Calscience LLC

List Creation: 09/30/21 07:39 PM

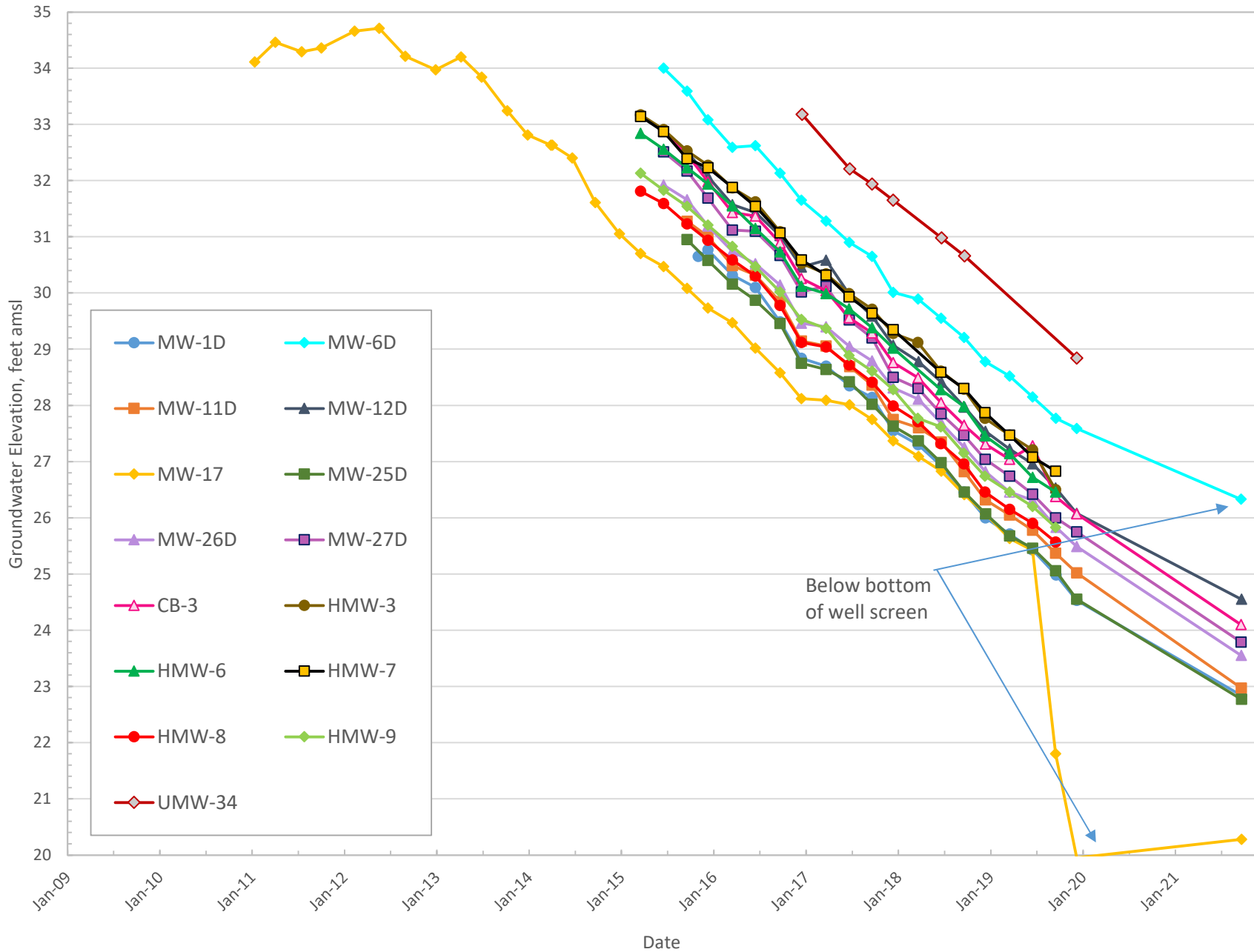
Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



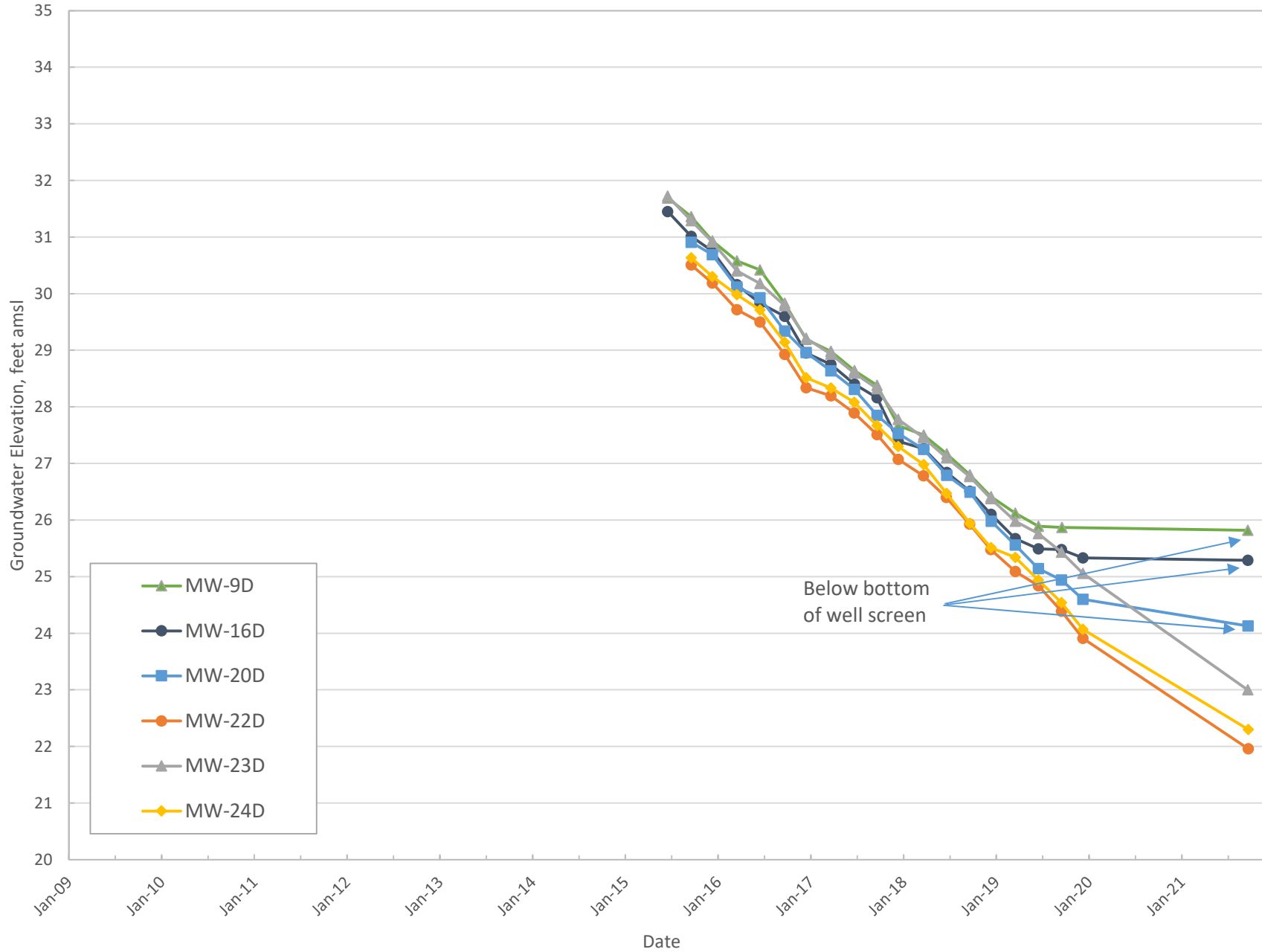
Appendix D

Groundwater Elevation Hydrographs and Concentration vs. Time Plots

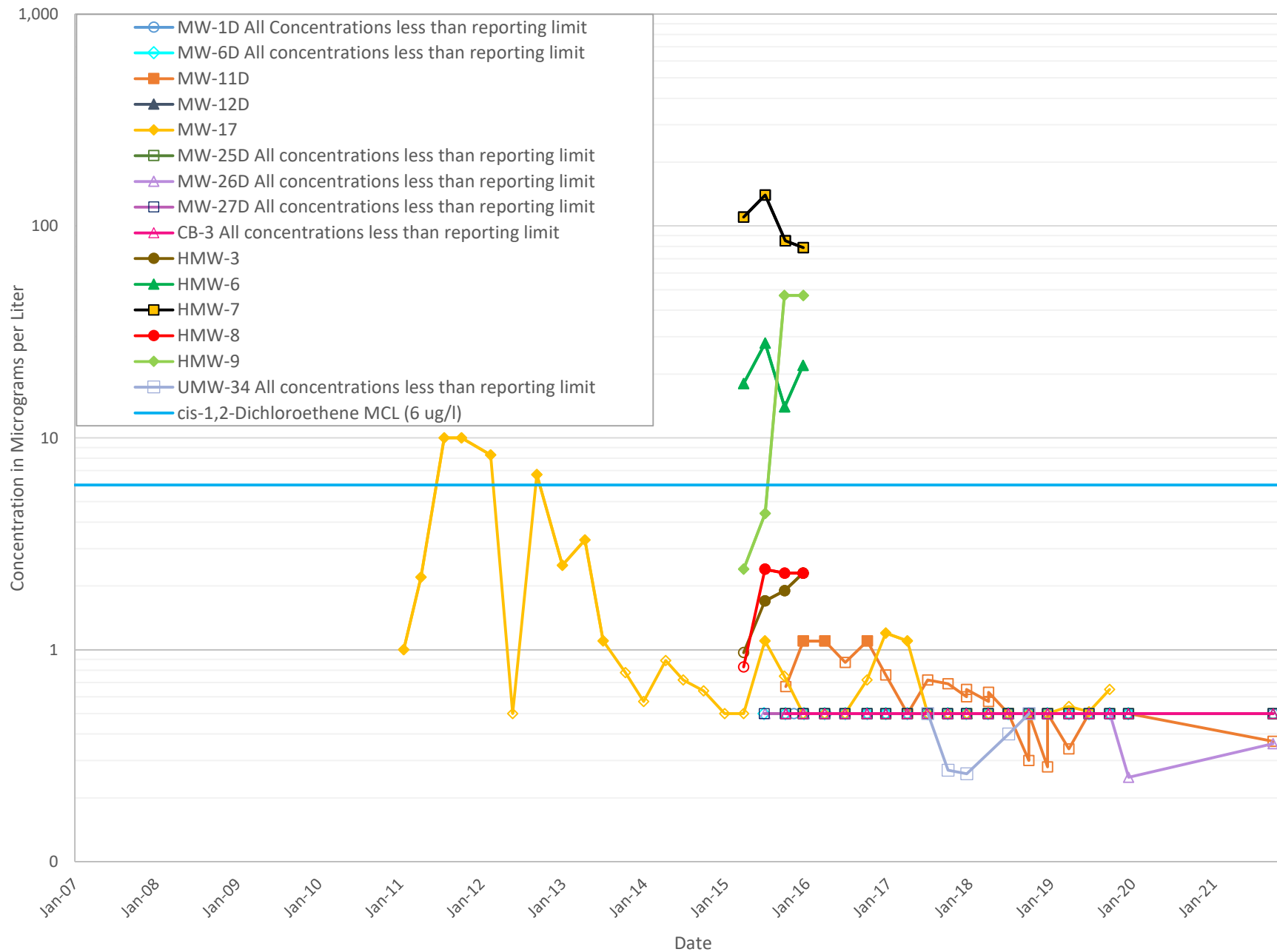
Graph 1a
Historic Groundwater Elevations, Exposition Aquifer, Eastern Area
 Exide Technologies, Vernon, CA



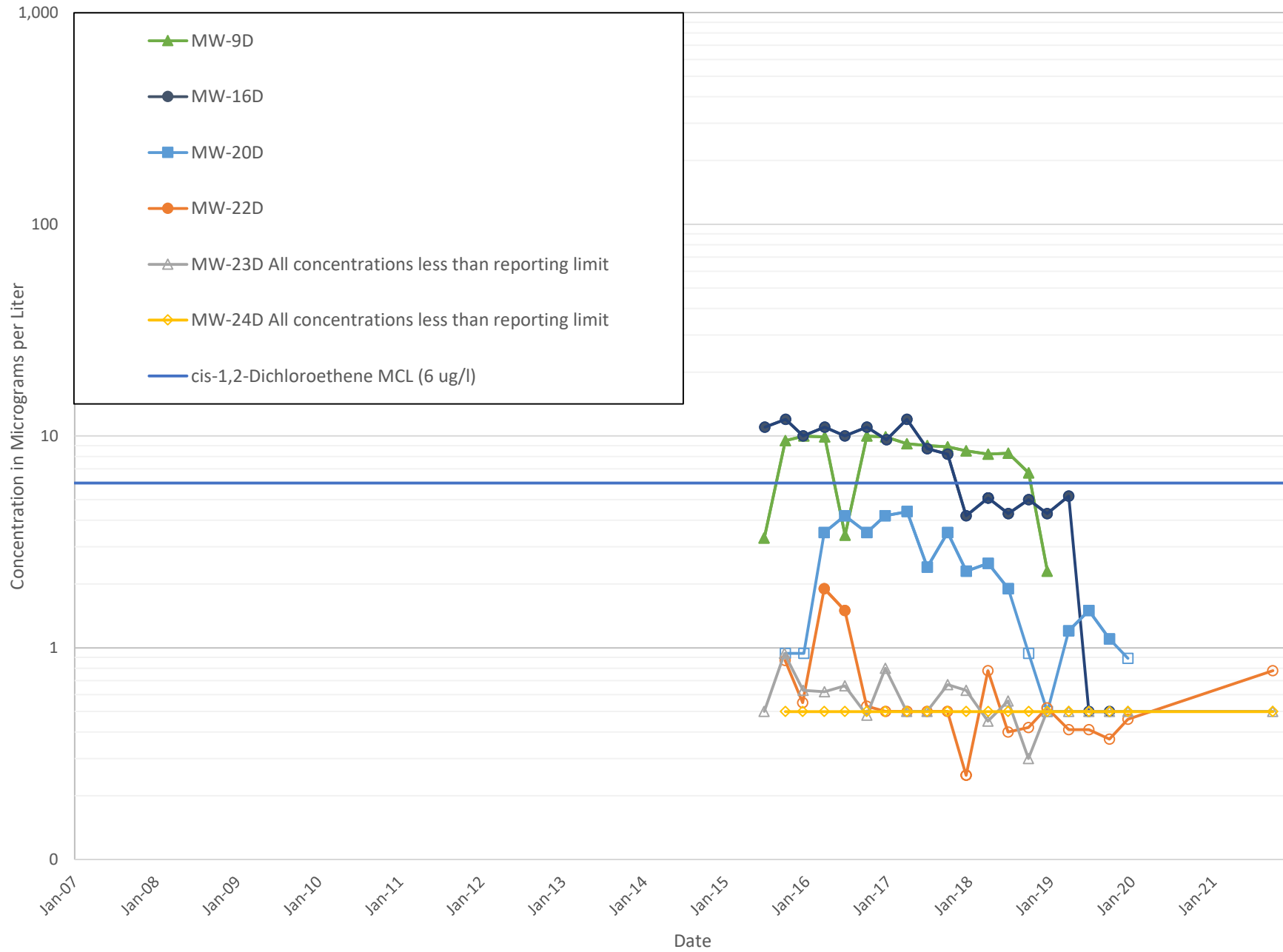
Graph 1b
Historic Groundwater Elevations, Exposition Aquifer, Western Area
Exide Technologies, Vernon, CA



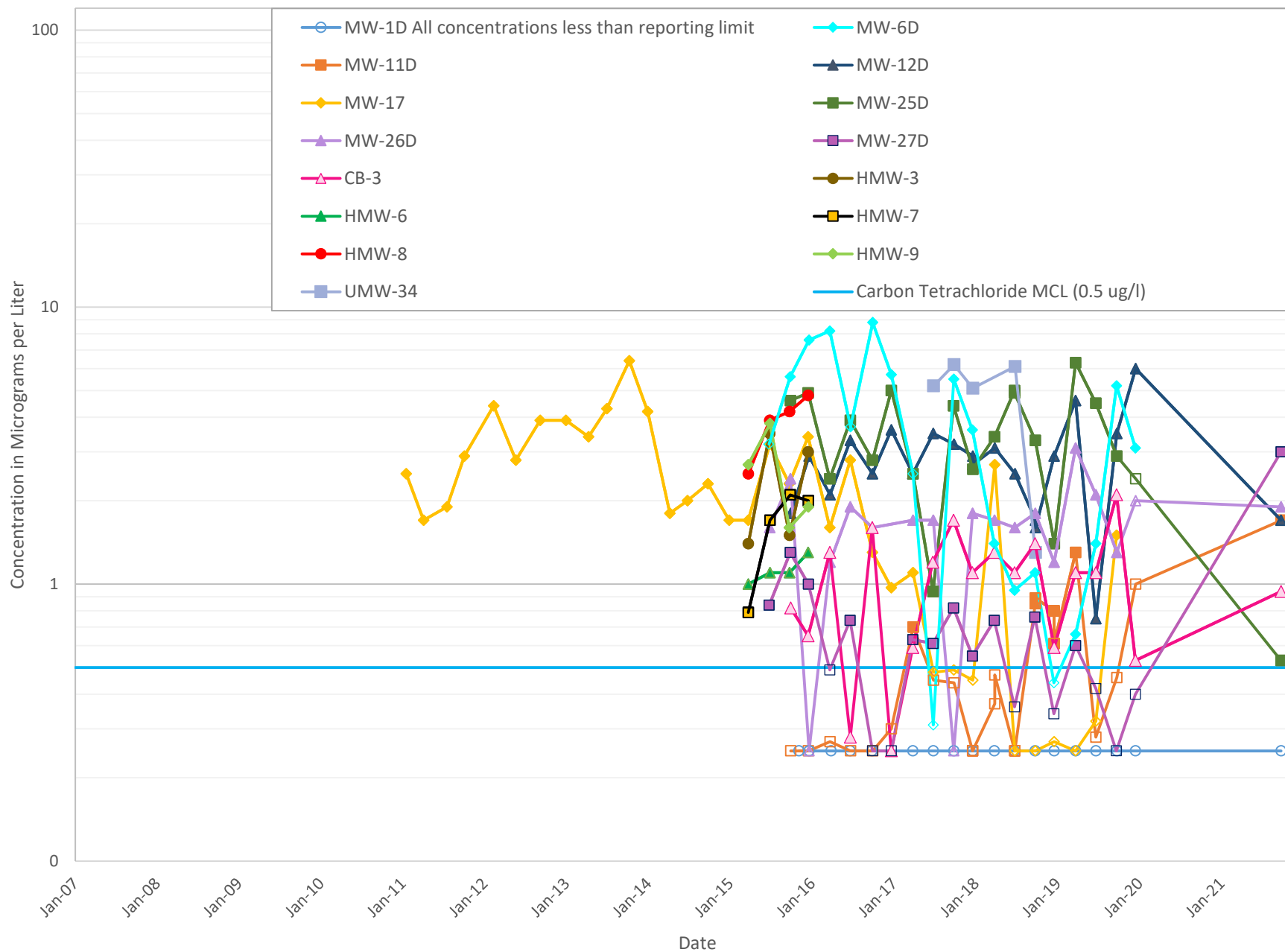
Graph 2a
Historic cis-1,2-Dichloroethene Concentrations in Exposition Aquifer, Eastern Area
Exide Technologies, Vernon, CA



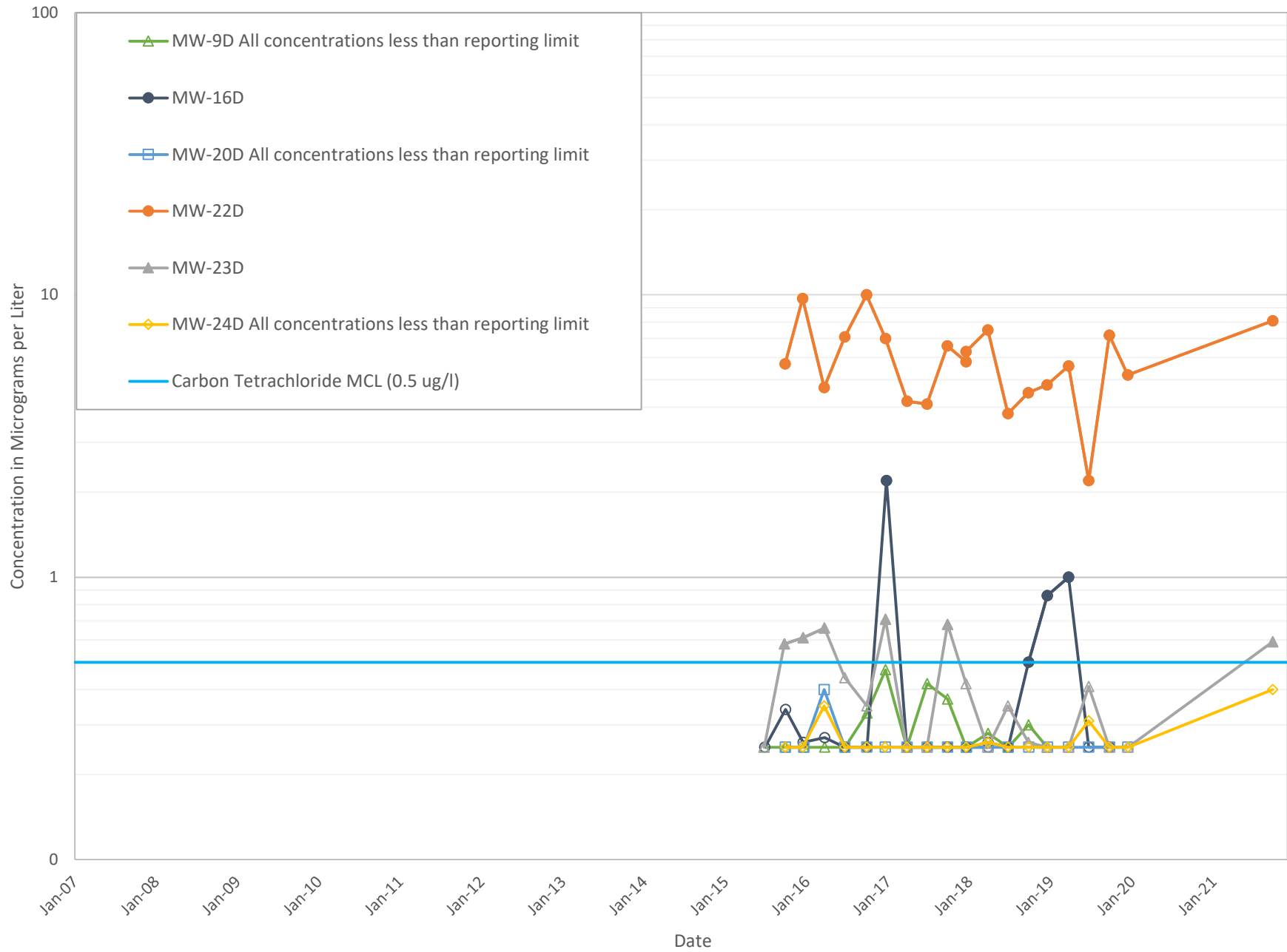
Graph 2b
Historic cis-1,2-Dichloroethene Concentrations in Exposition Aquifer, Western Area
Exide Technologies, Vernon, CA



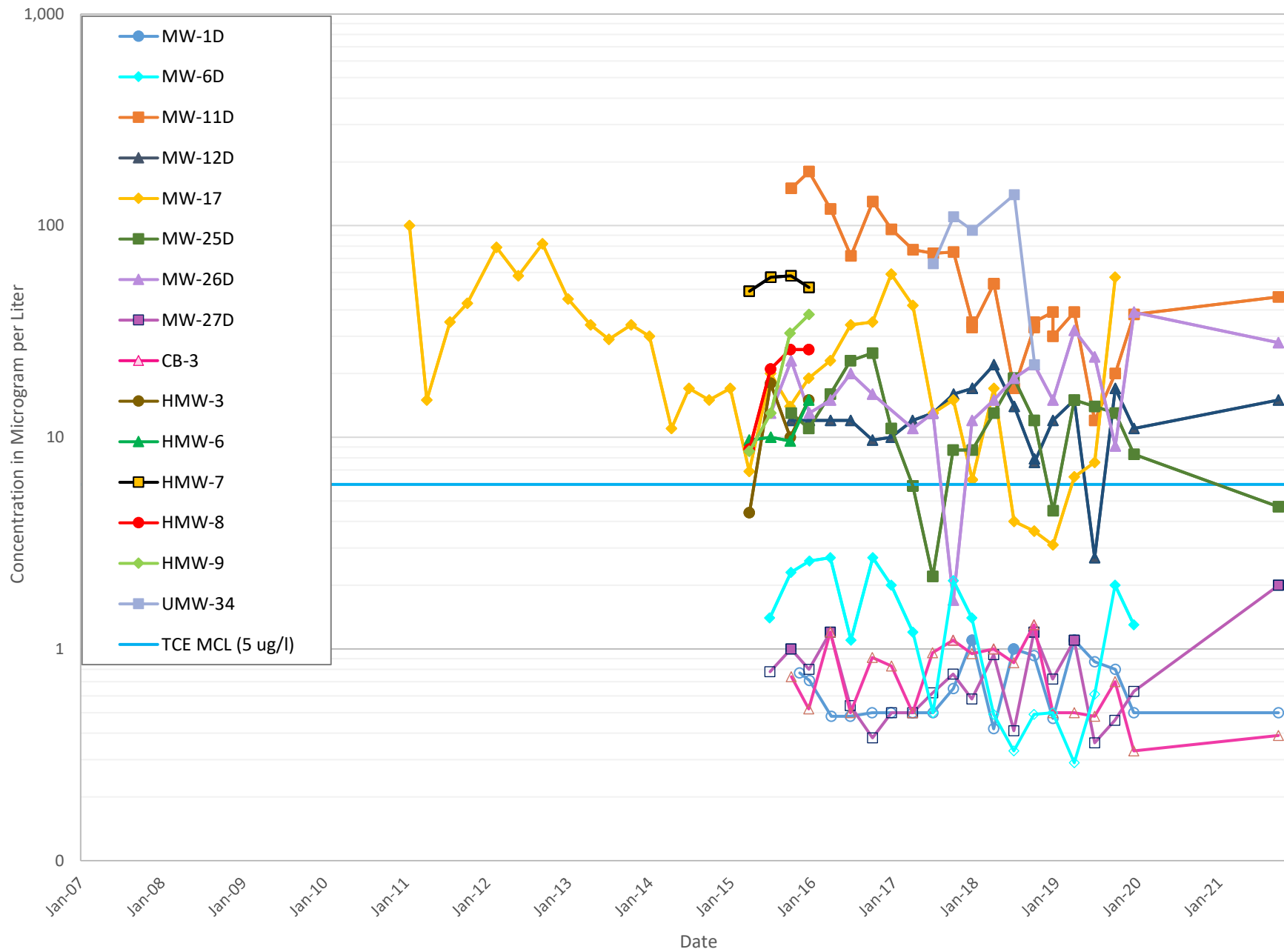
Graph 3a
Historic Carbon Tetrachloride Concentrations in Exposition Aquifer, Eastern Area
Exide Technologies, Vernon, CA



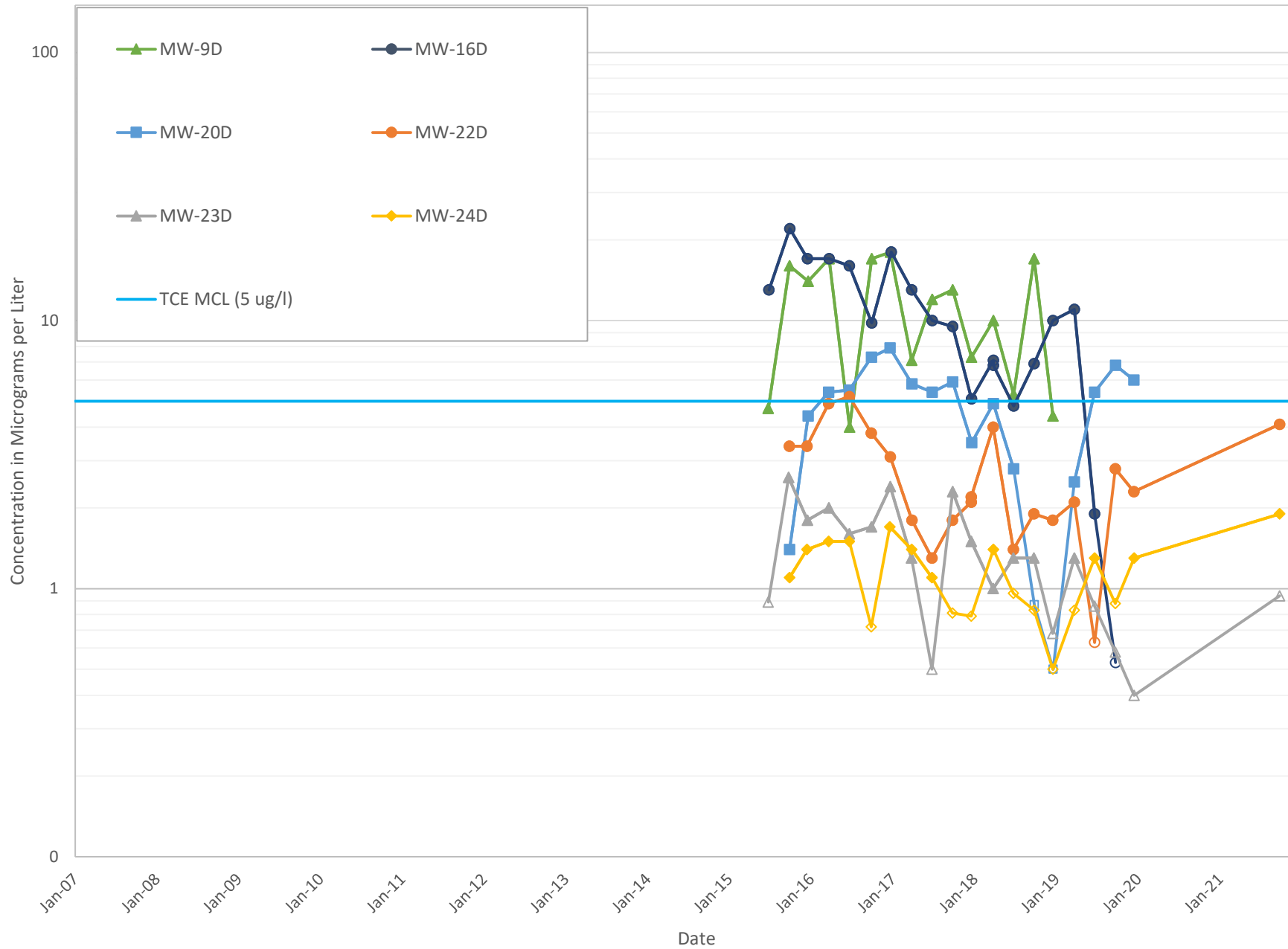
Graph 3b
Historic Carbon Tetrachloride Concentrations in Exposition Aquifer, Western Area
Exide Technologies, Vernon, CA



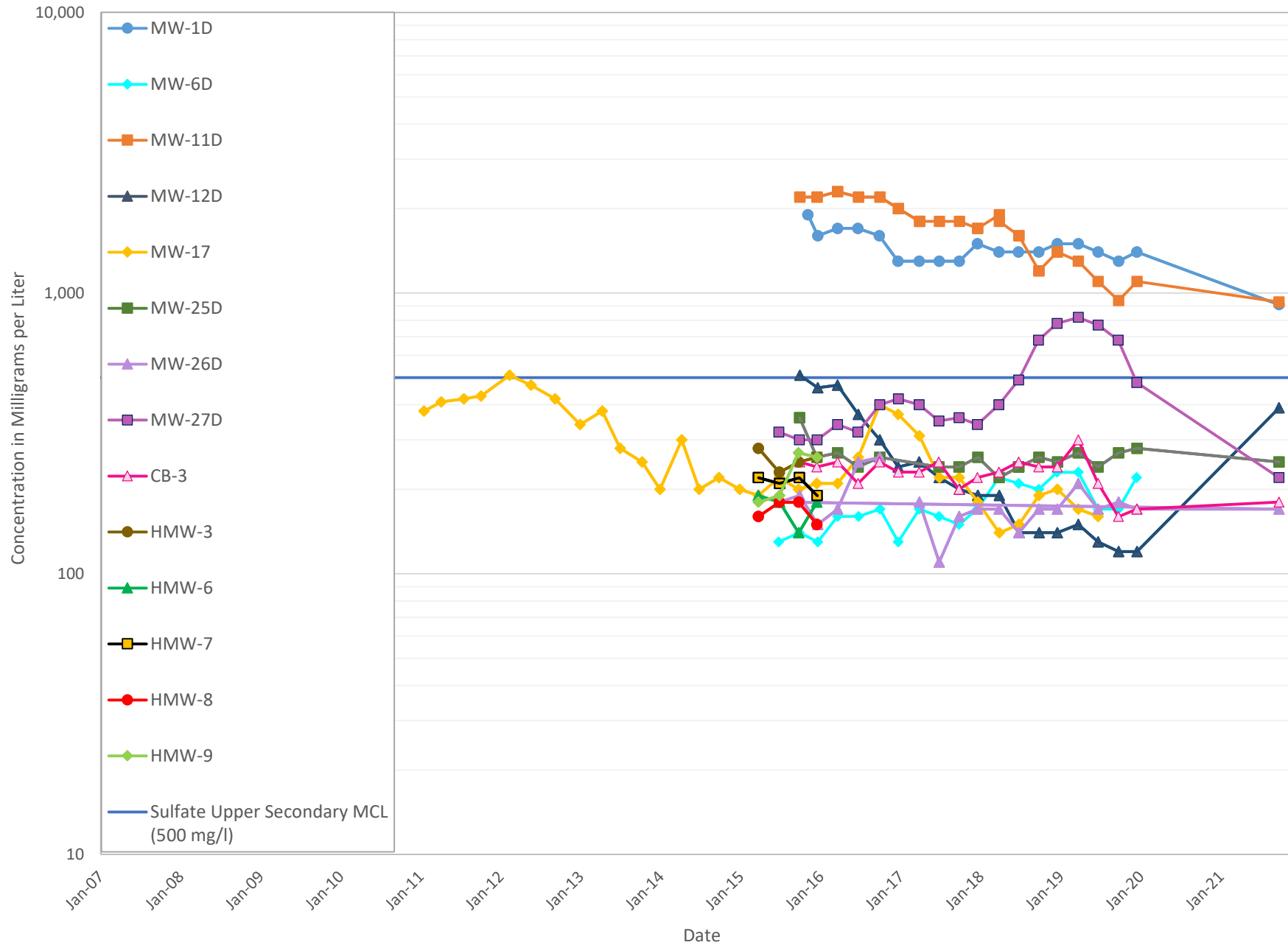
Graph 4a
Historic Trichloroethene (TCE) Concentrations in Exposition Aquifer, Eastern Area
Exide Technologies, Vernon, CA



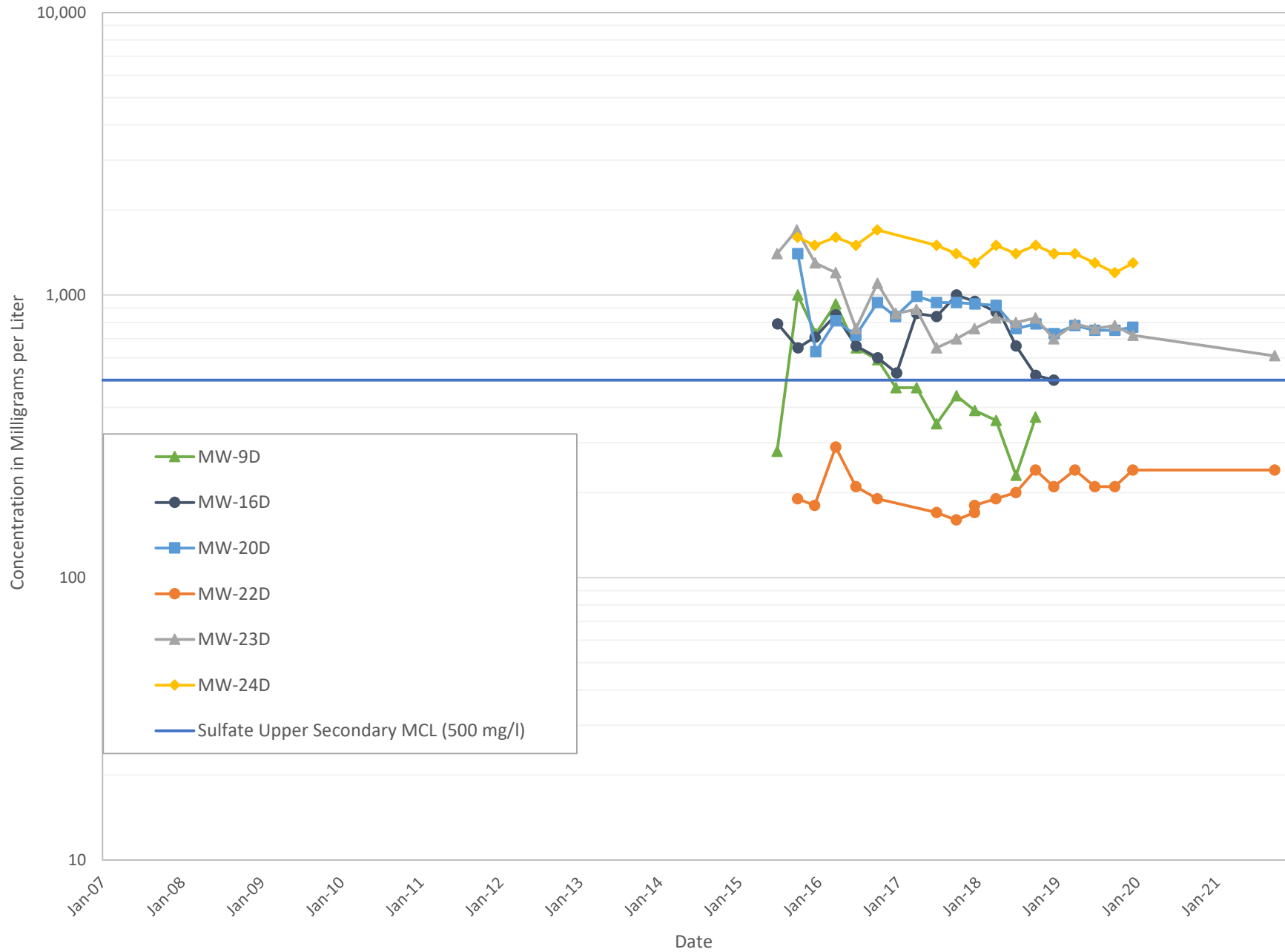
Graph 4b
Historic Trichloroethene (TCE) Concentrations in Exposition Aquifer, Western Area
Exide Technologies, Vernon, CA



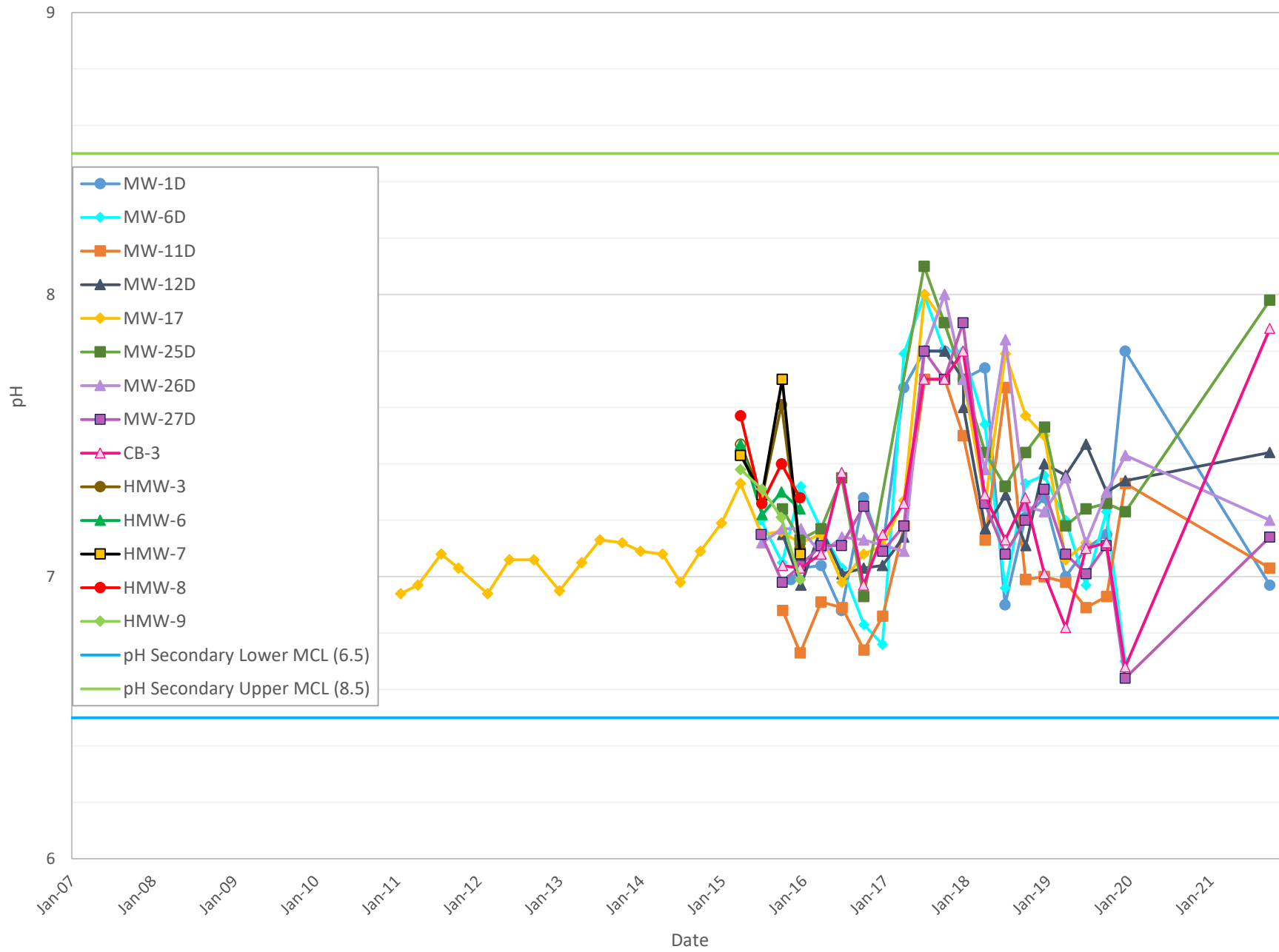
Graph 5a
Historic Sulfate Concentrations in Exposition Aquifer, Eastern Area
Exide Technologies, Vernon, CA



Graph 5b
Historic Sulfate Concentrations in Exposition Aquifer, Western Area
Exide Technologies, Vernon, CA

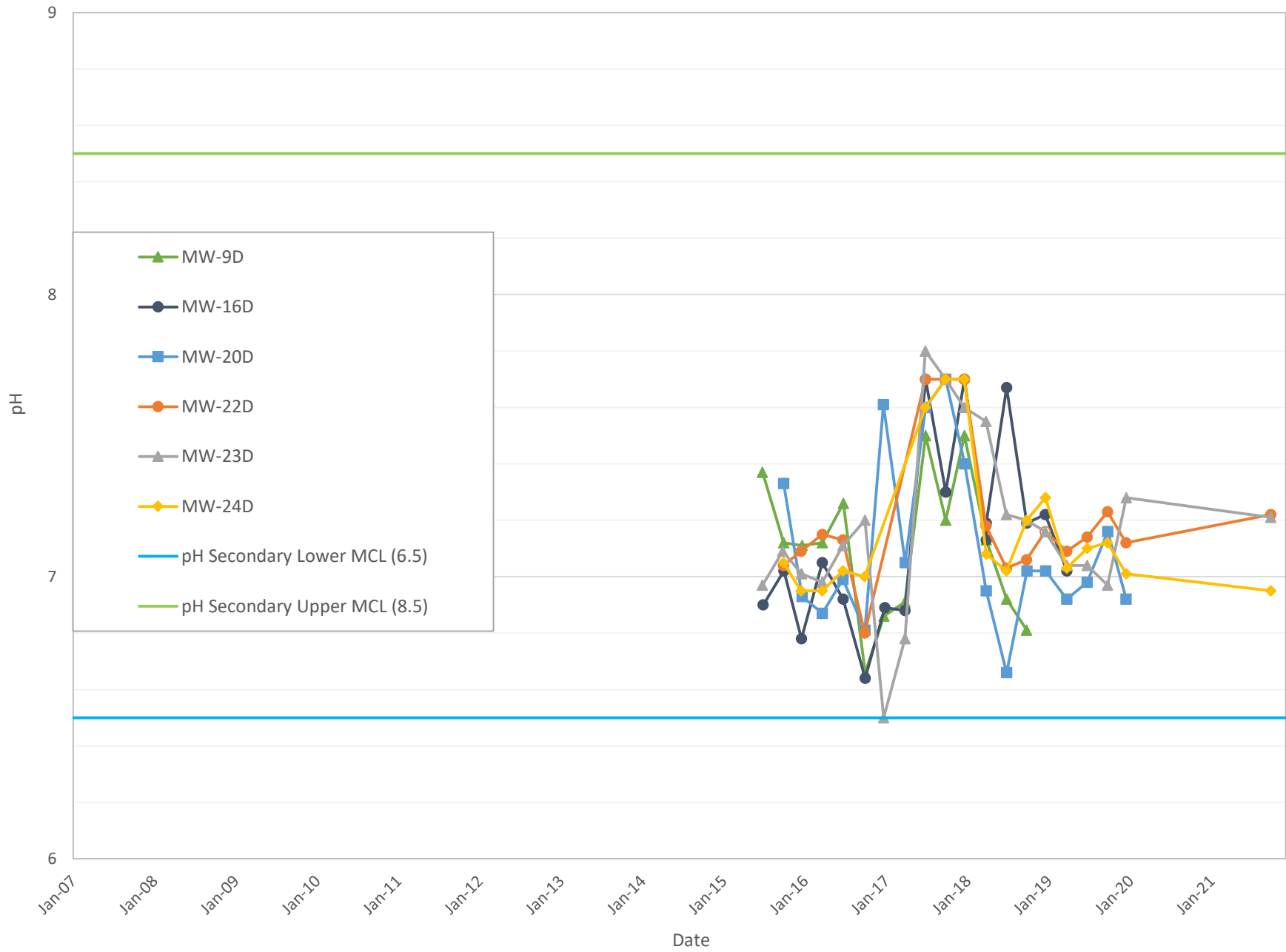


Graph 6a
Historic pH in Exposition Aquifer, Eastern Area
Exide Technologies, Vernon, CA

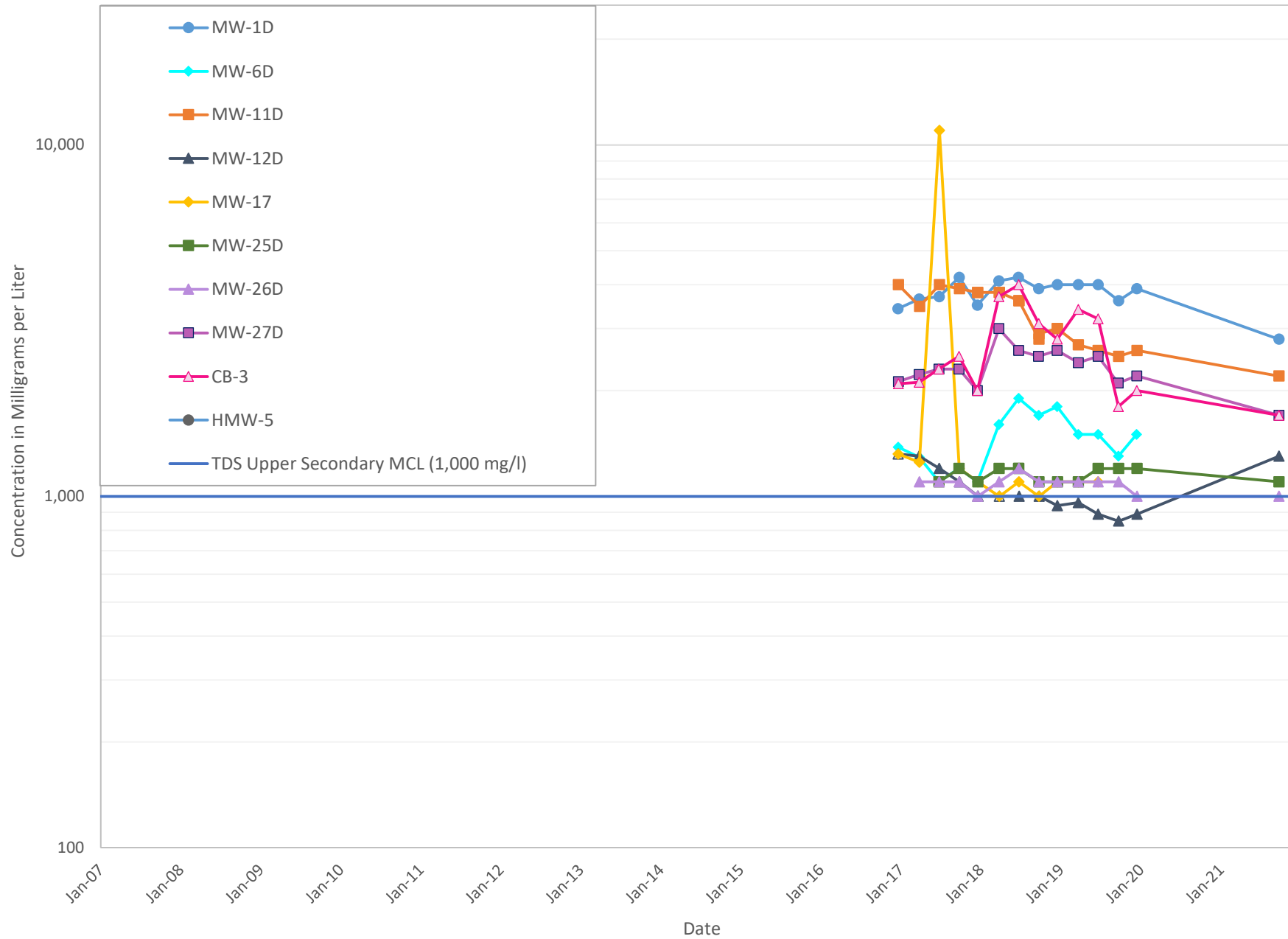


MCL is maximum contaminant level for drinking water

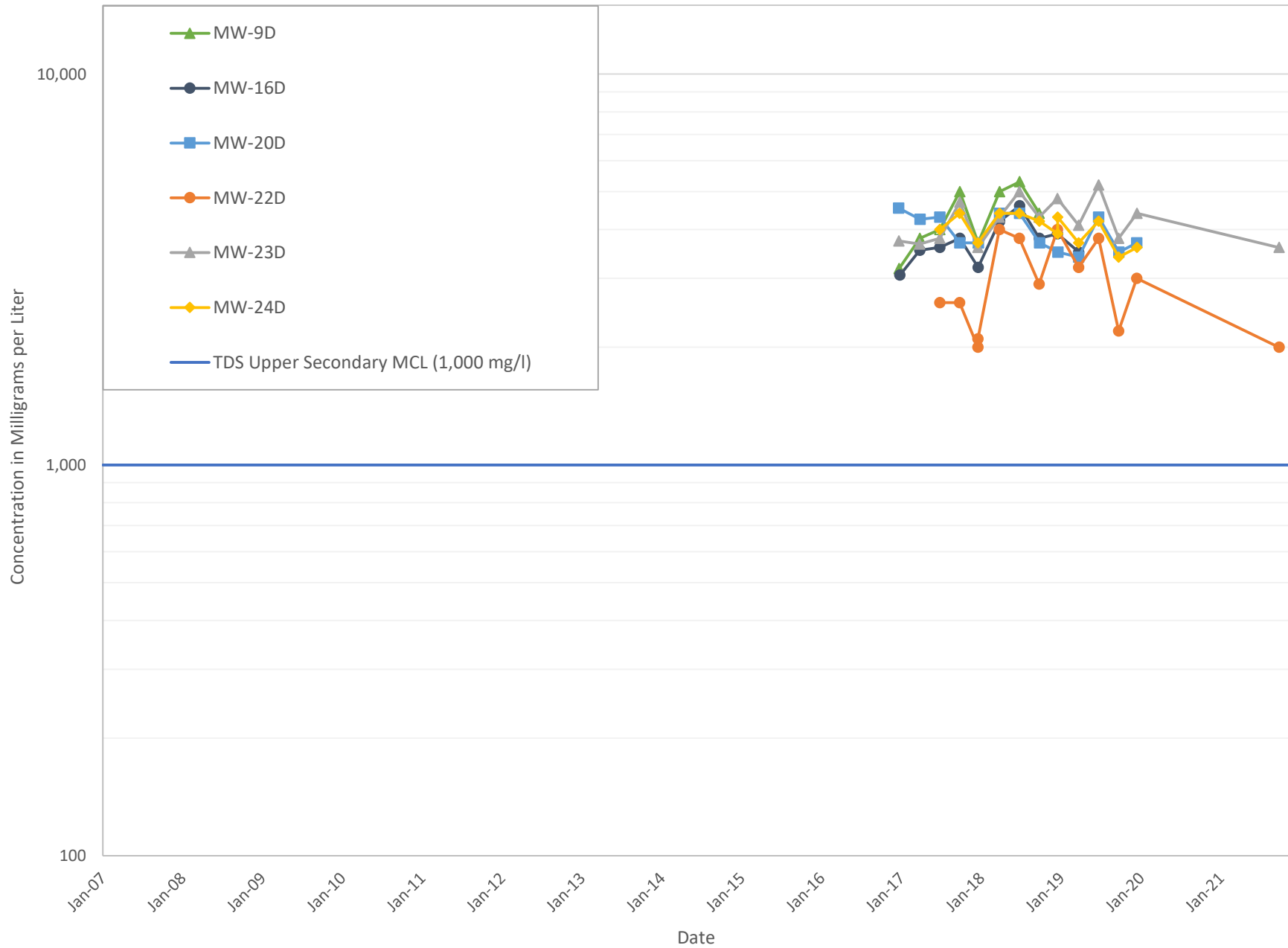
Graph 6b
Historic pH in Exposition Aquifer, Western Area
Exide Technologies, Vernon, CA



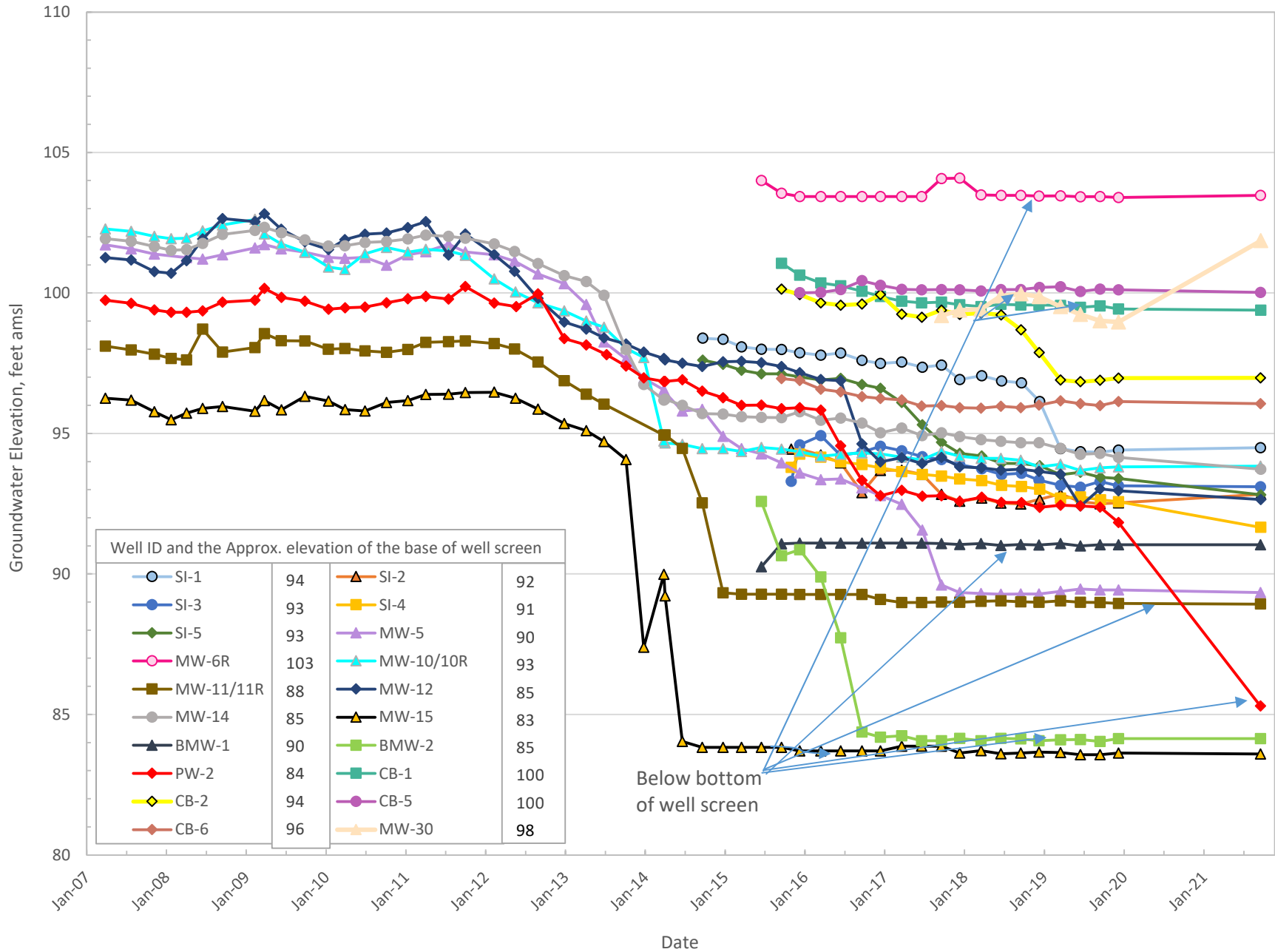
Graph 7a
Historic TDS Concentrations in Exposition Aquifer, Eastern Area
Exide Technologies, Vernon, CA



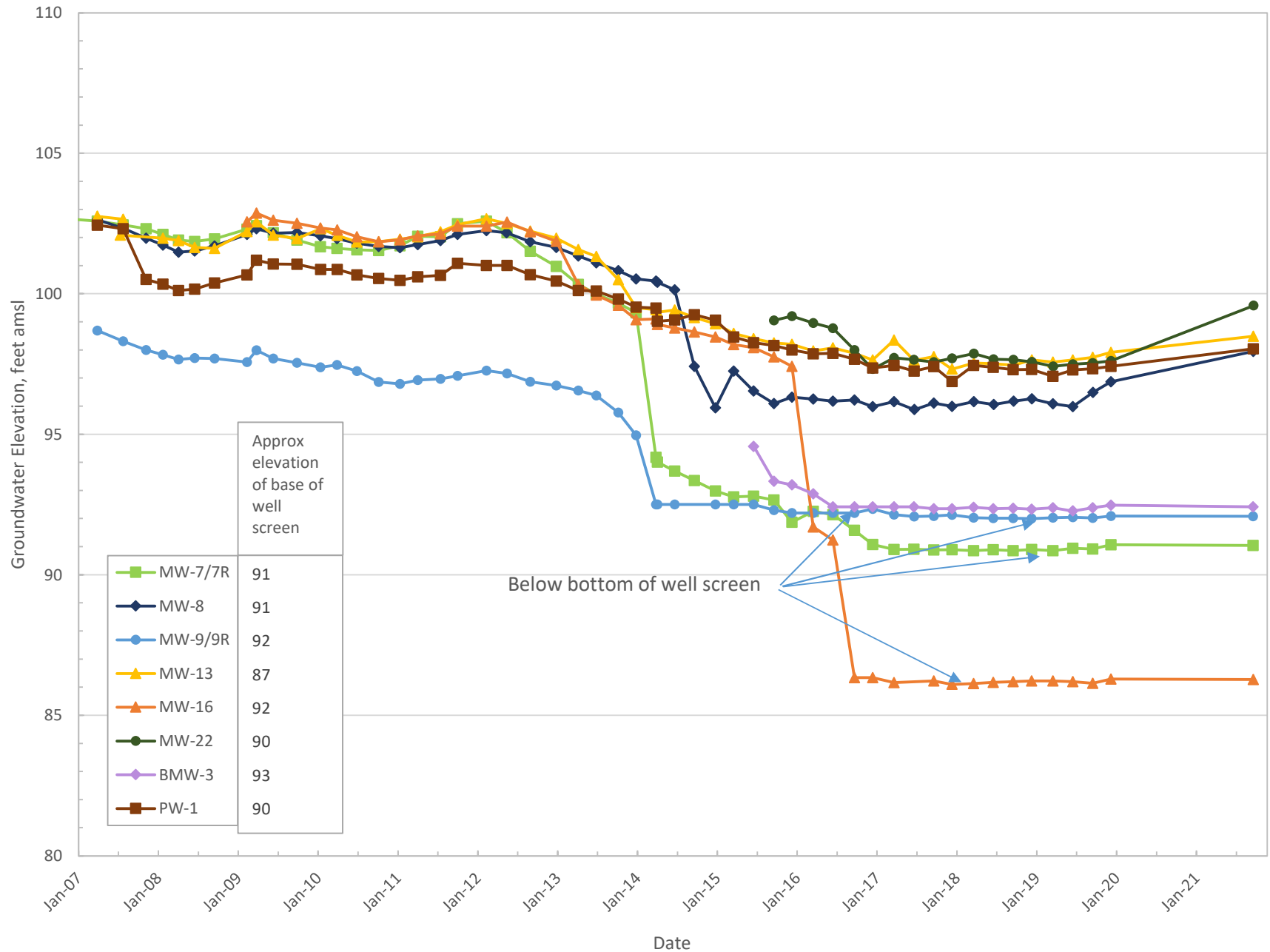
Graph 7b
Historic TDS Concentrations in Exposition Aquifer, Western Area
Exide Technologies, Vernon, CA



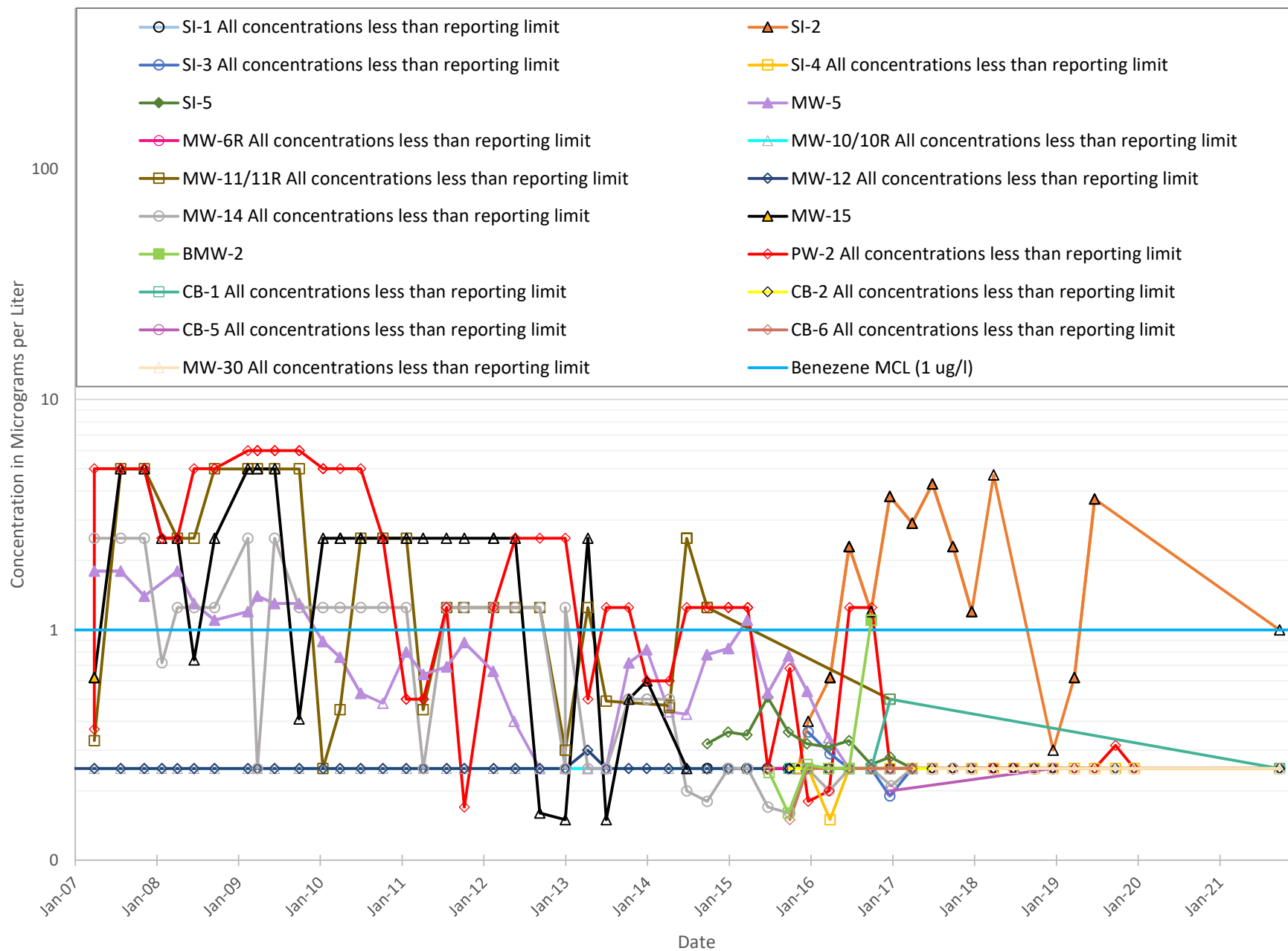
Graph 8a
Historic Groundwater Elevations, Perched Zone, Eastern Area
 Exide Technologies, Vernon, CA



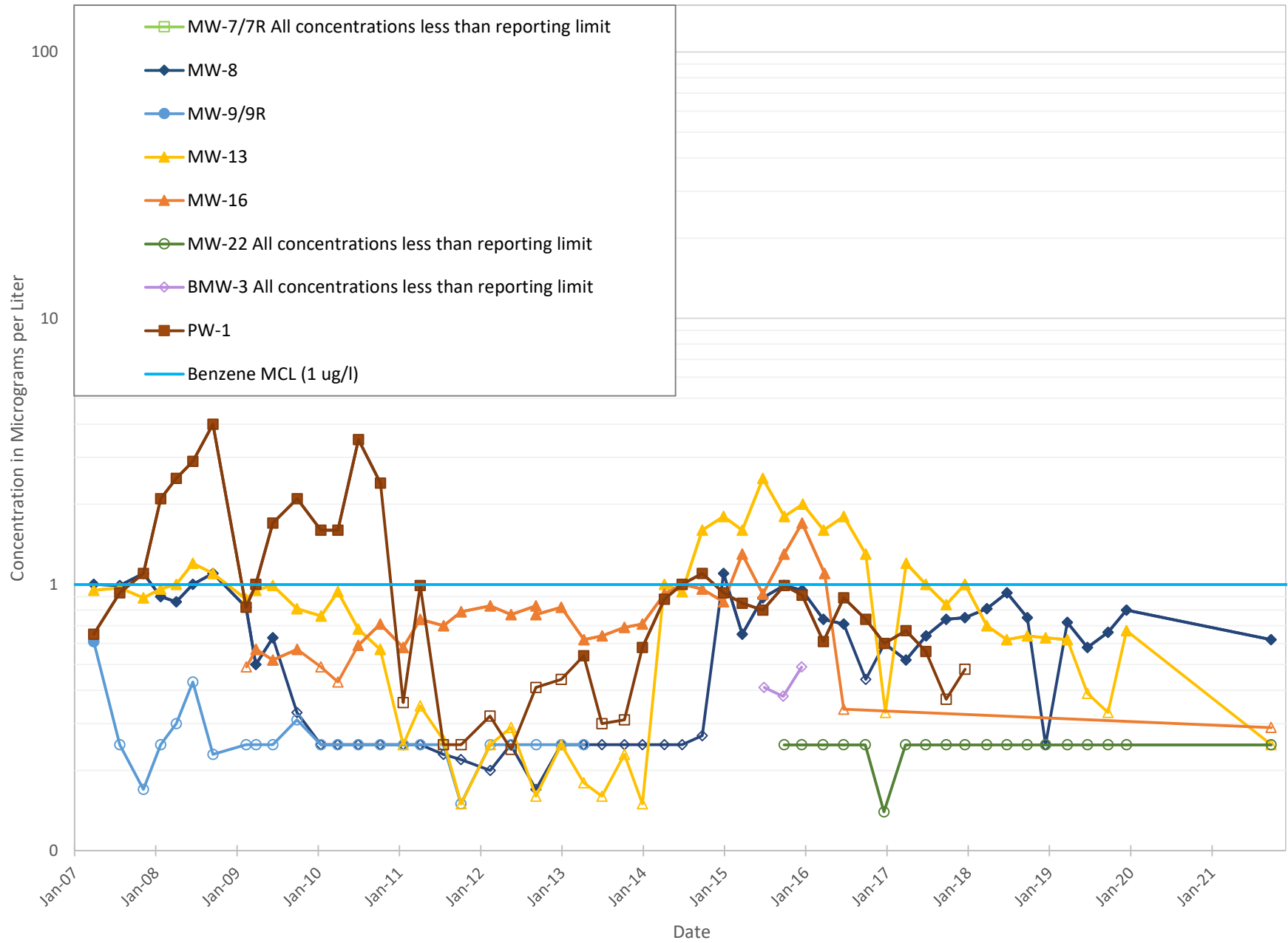
Graph 8b
Historic Groundwater Elevations, Perched Zone, Western Area
 Exide Technologies, Vernon, CA



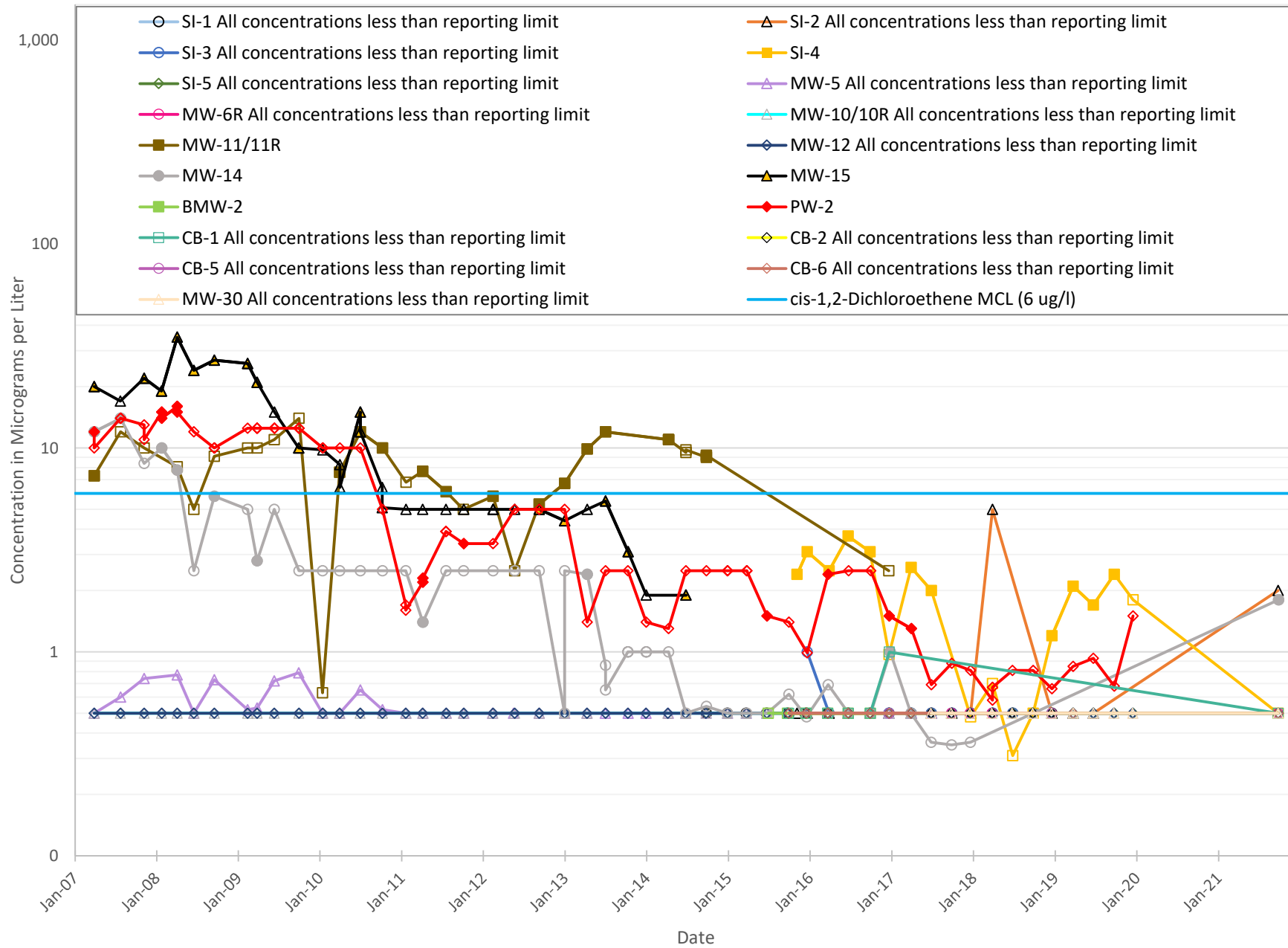
Graph 9a
Historic Benzene Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



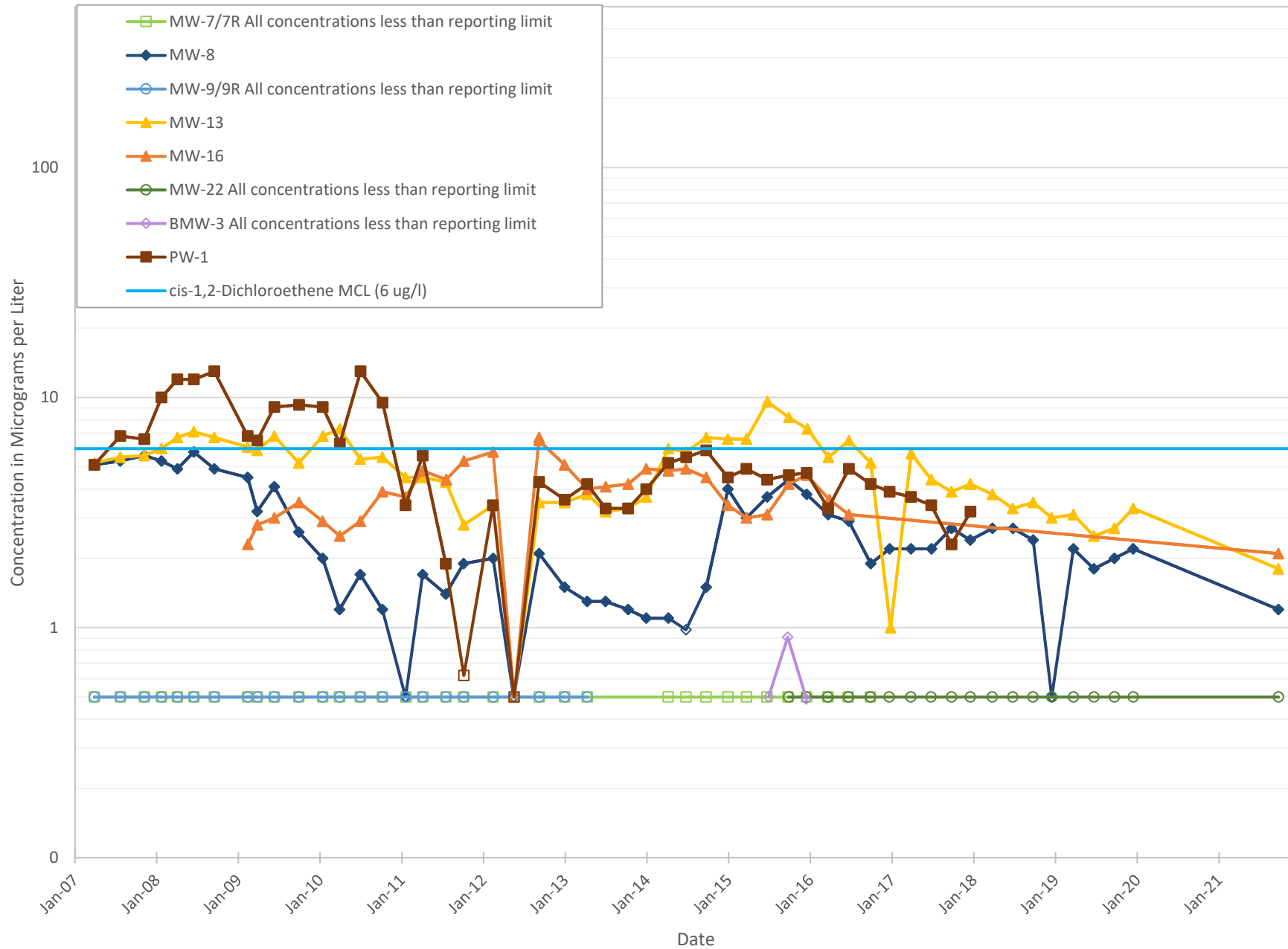
Graph 9b
Historic Benzene Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



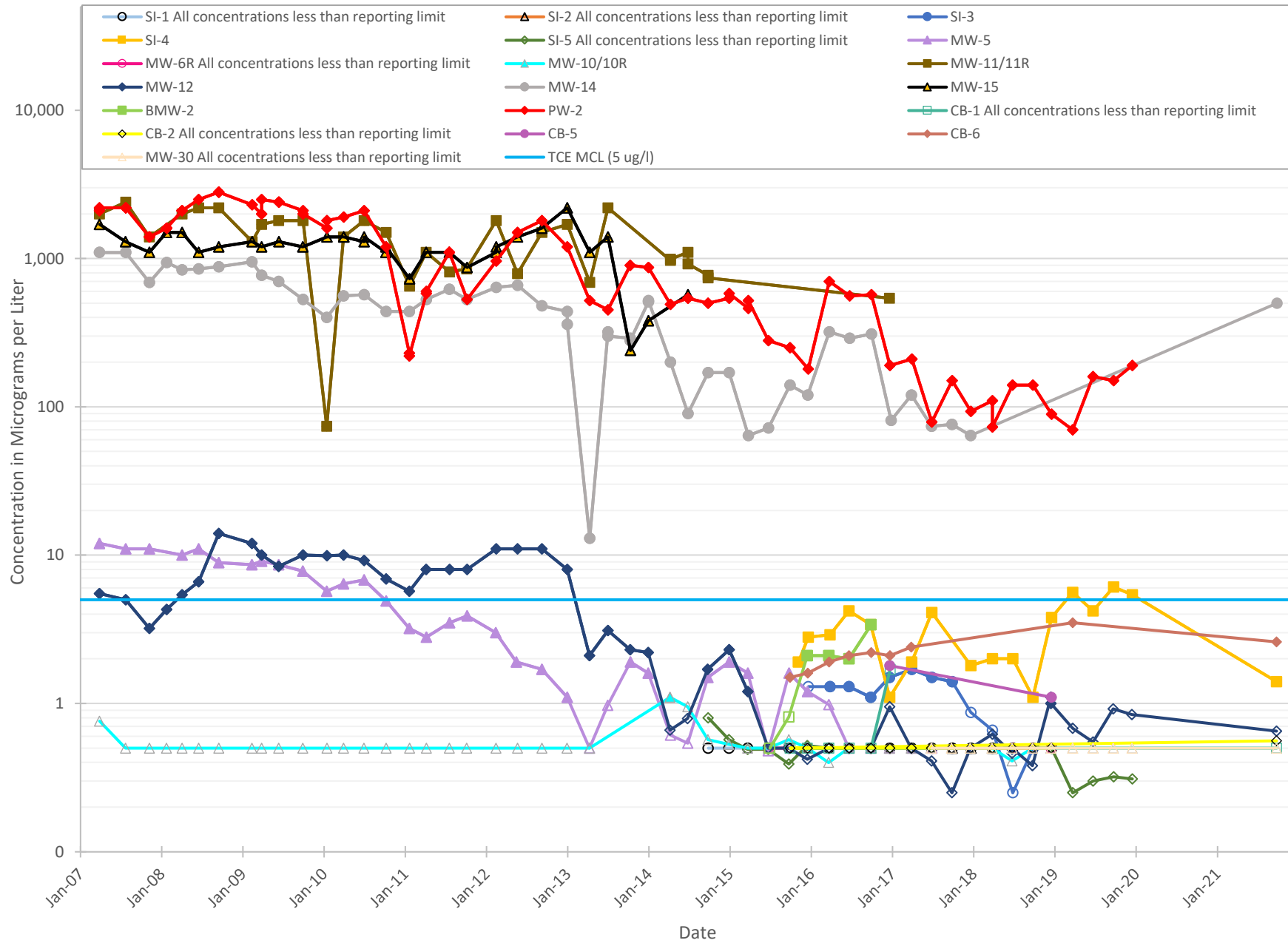
Graph 10a
Historic cis-1,2-Dichloroethene Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



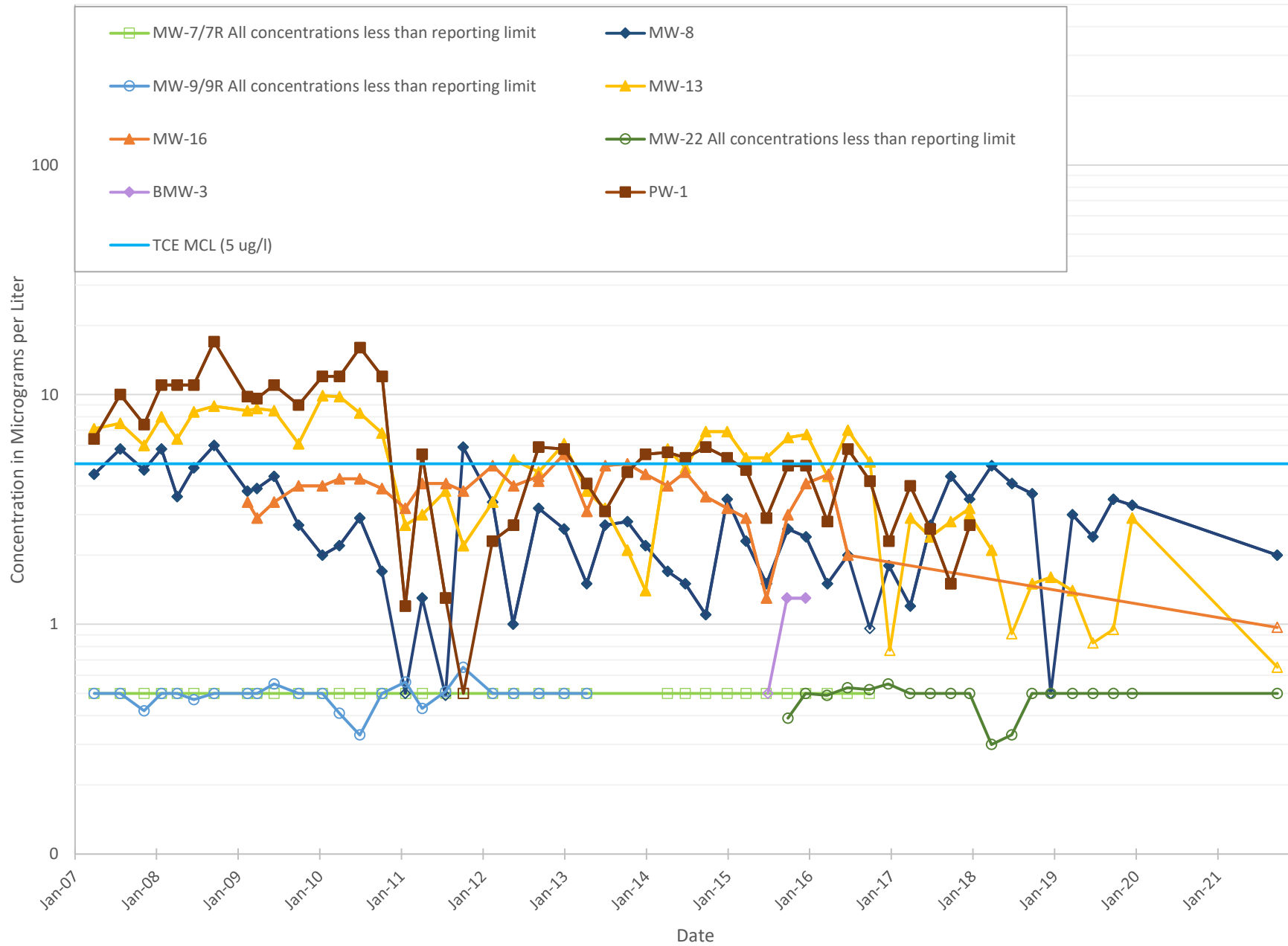
Graph 10b
Historic cis-1,2-Dichloroethene Concentrations in Perched Zone Wells, Western Area
 Exide Technologies, Vernon, CA



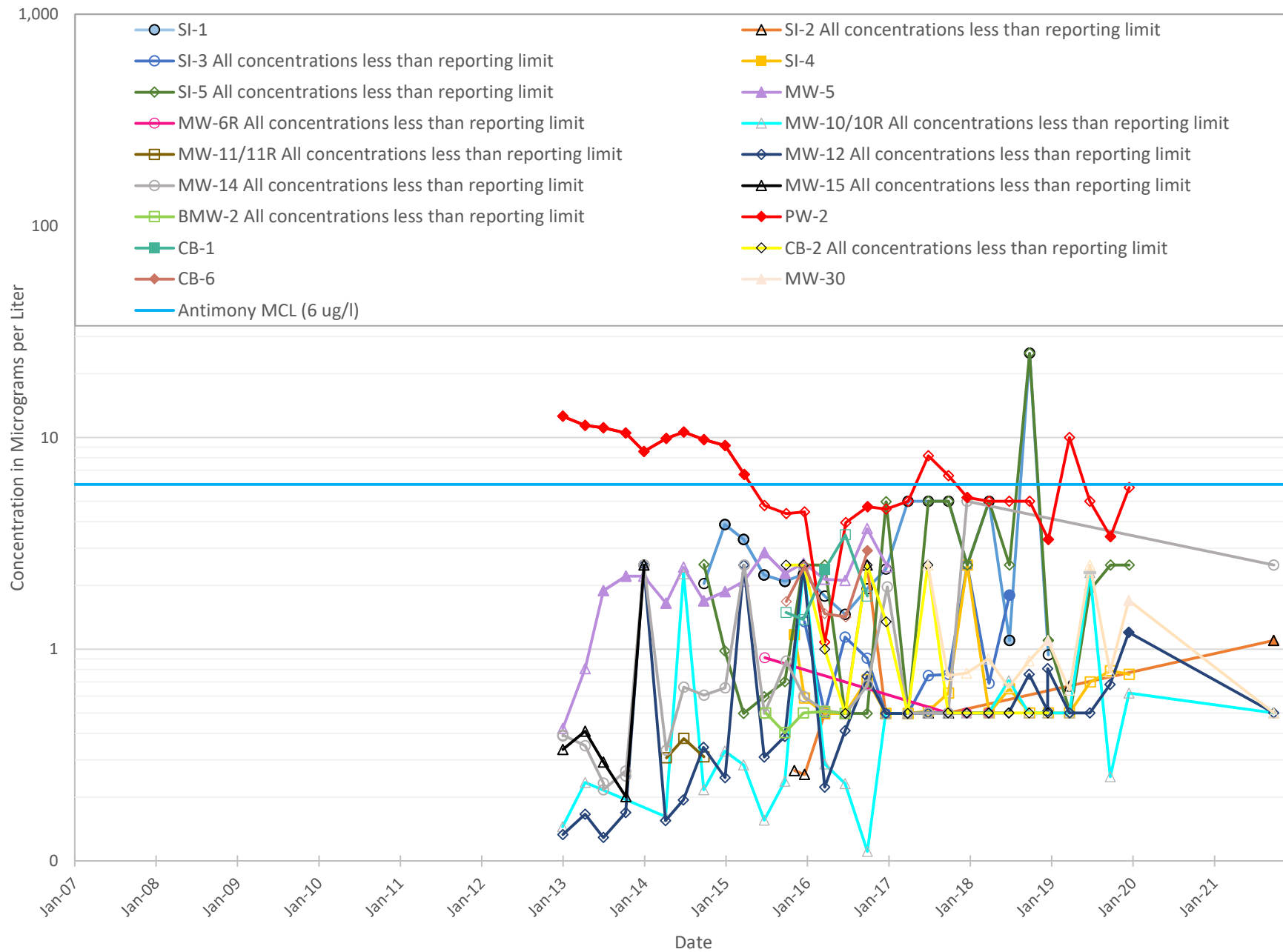
Graph 11a
Historic Trichloroethene (TCE) Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



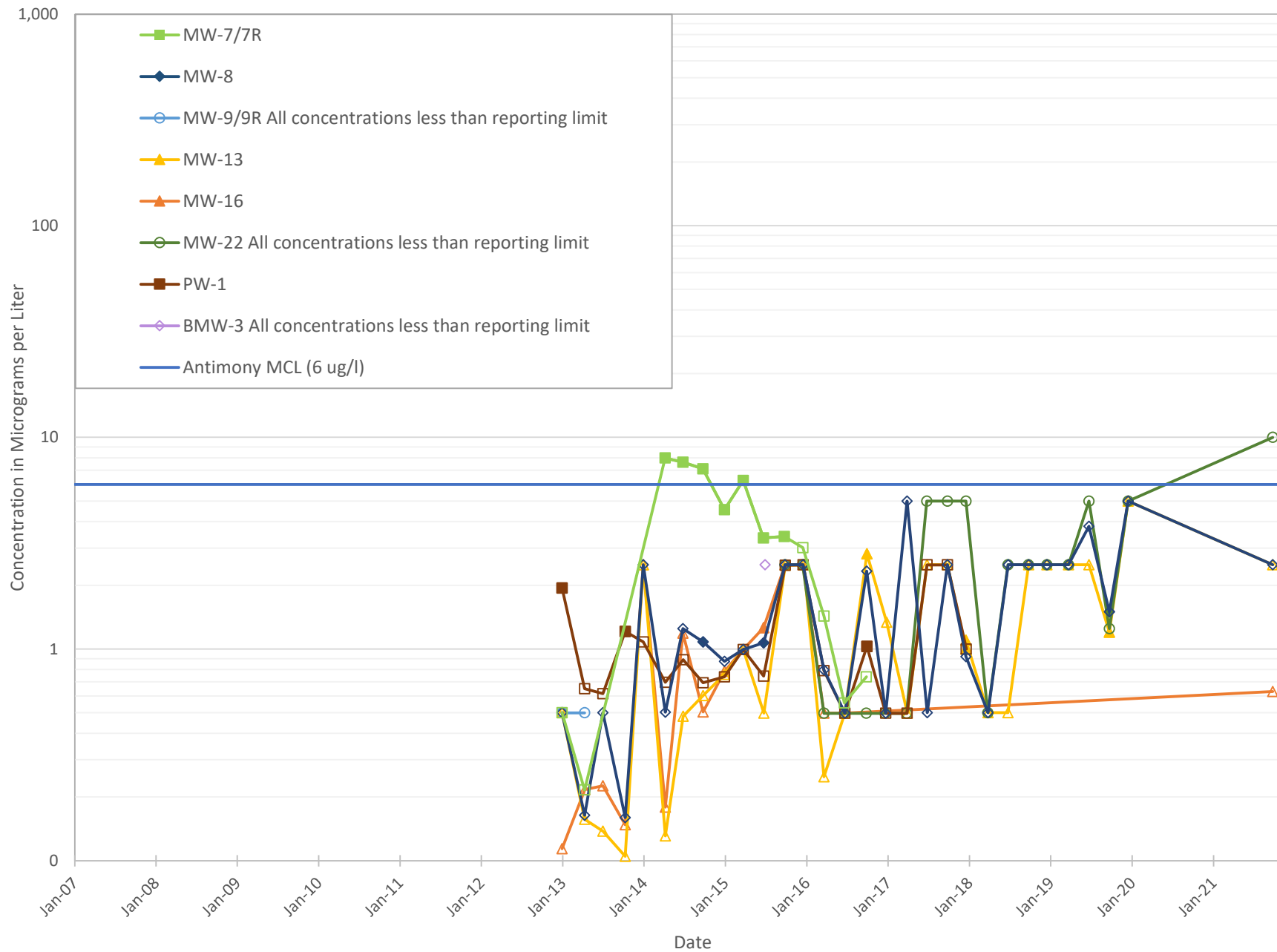
Graph 11b
Historic Trichloroethene (TCE) Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



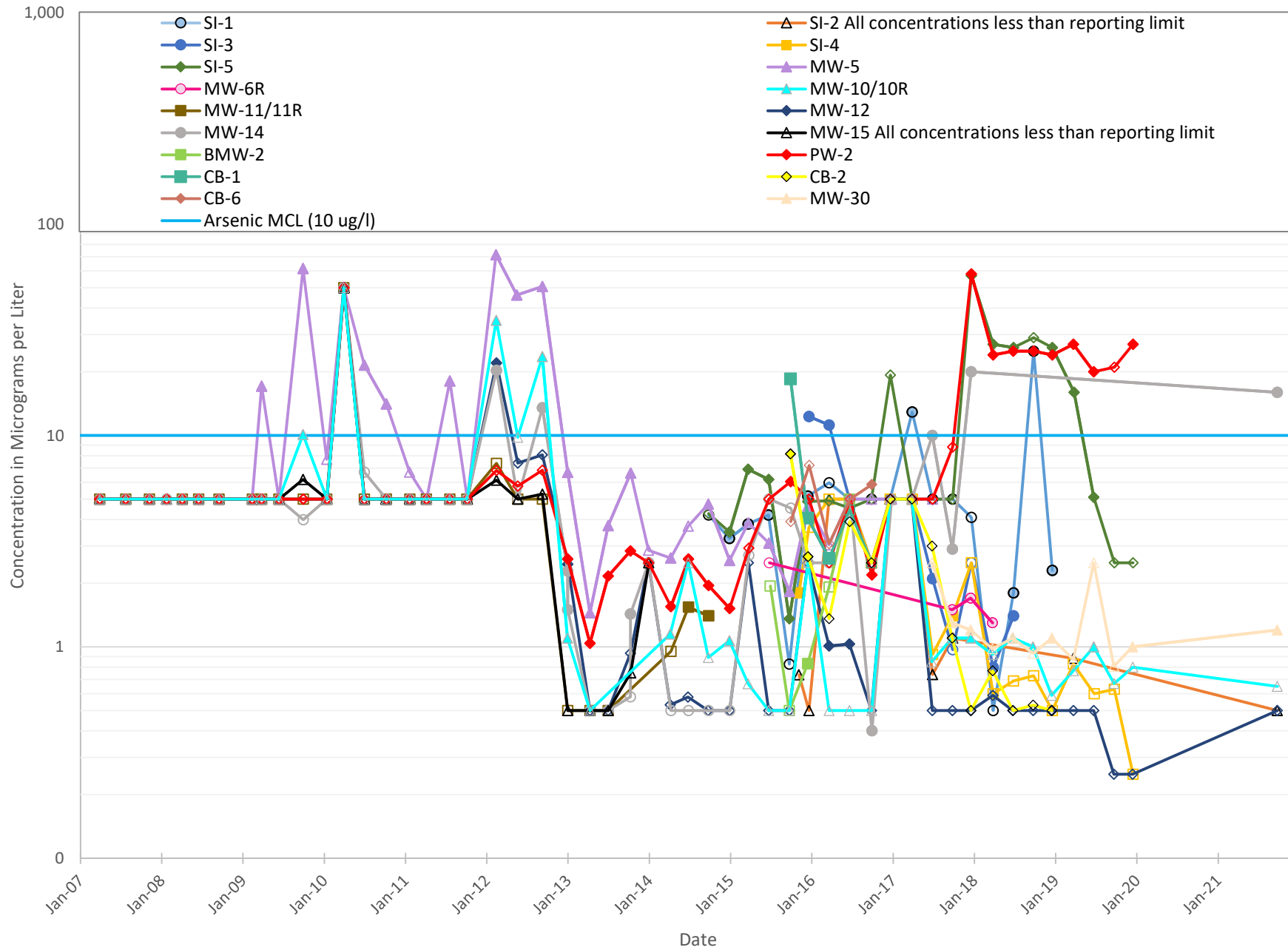
Graph 12a
Historic Antimony Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



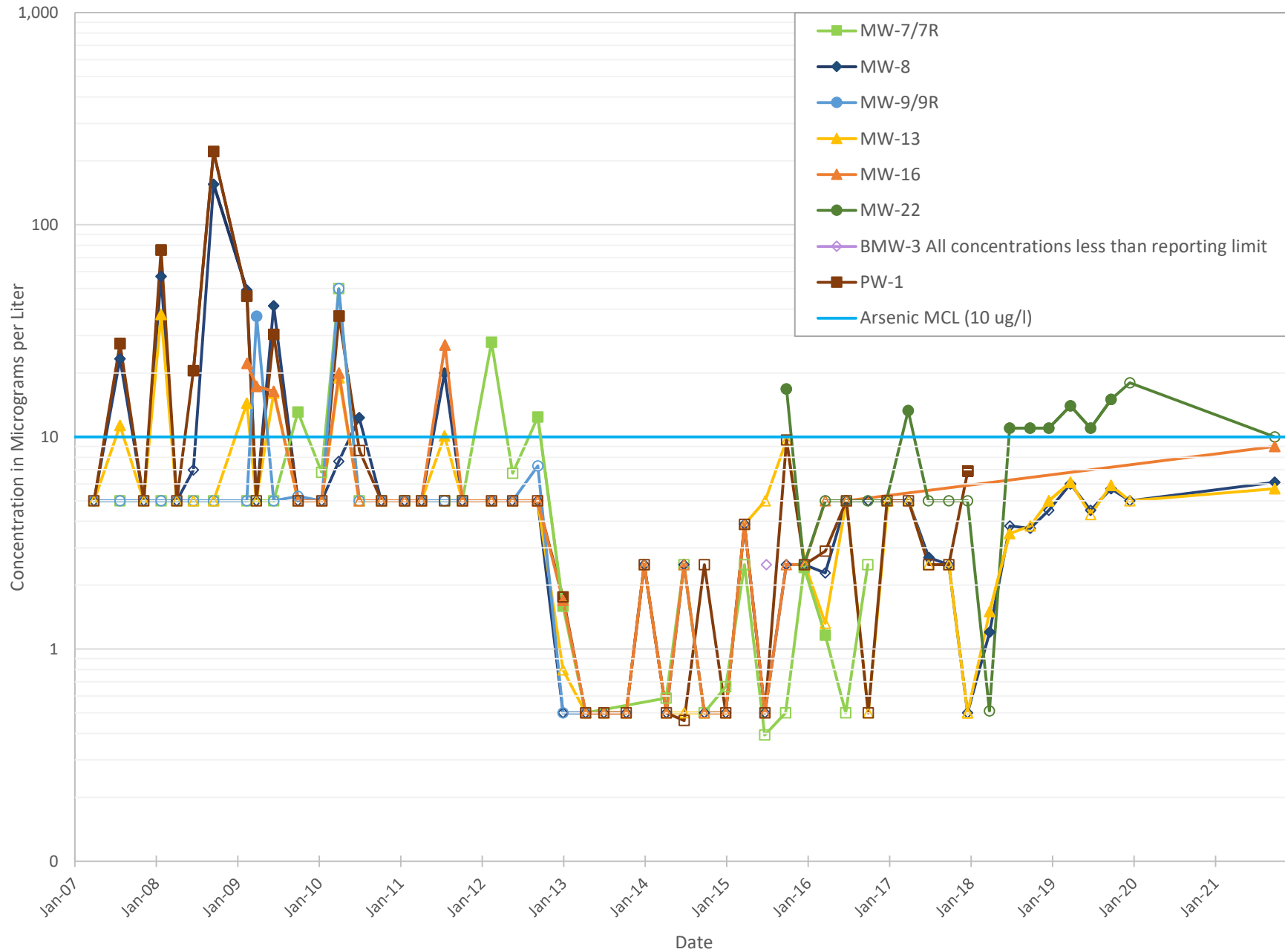
Graph 12b
Historic Antimony Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



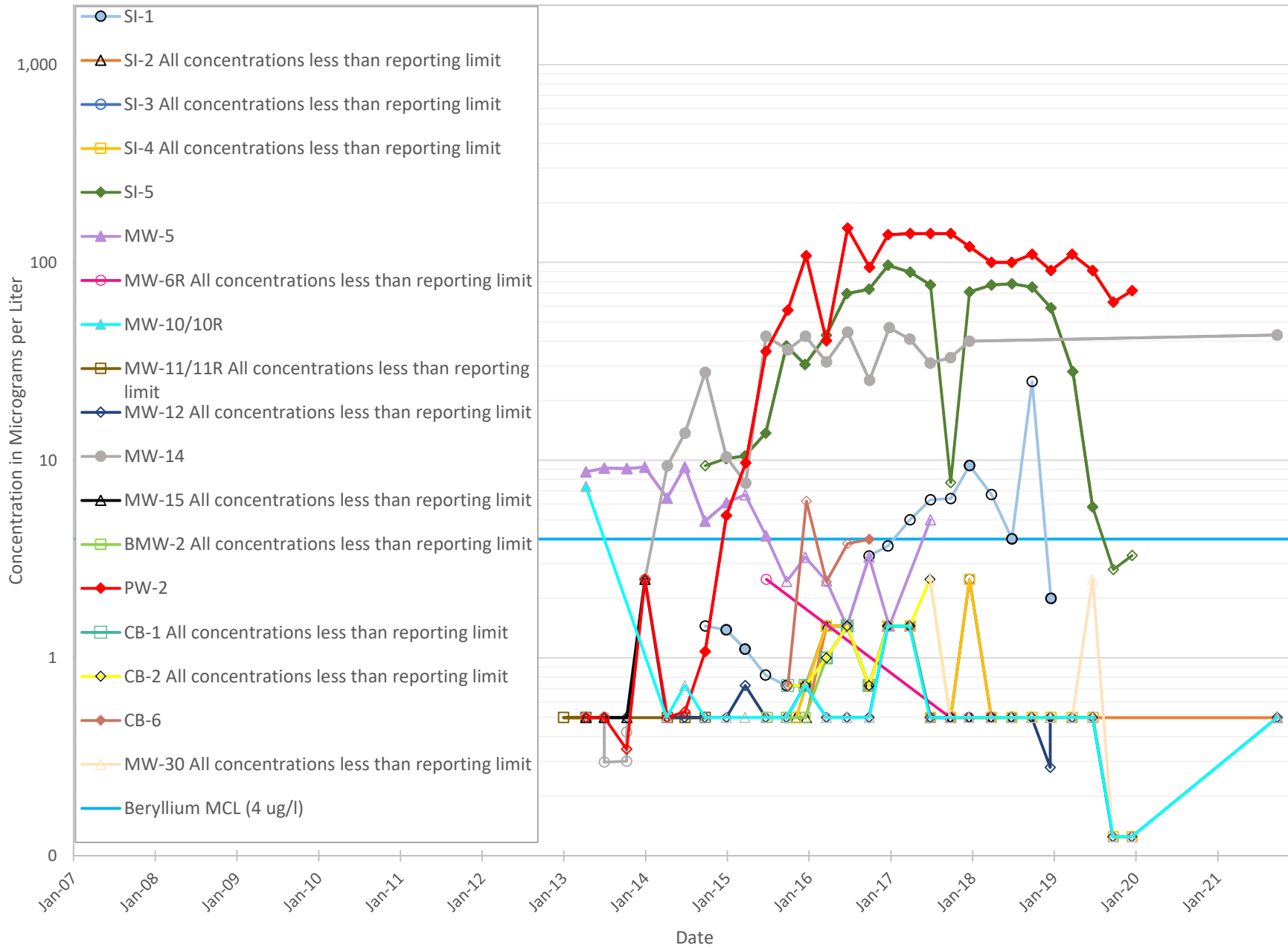
Graph 13a
Historic Arsenic Concentrations in Perched Zone Wells, Eastern Area
 Exide Technologies, Vernon, CA



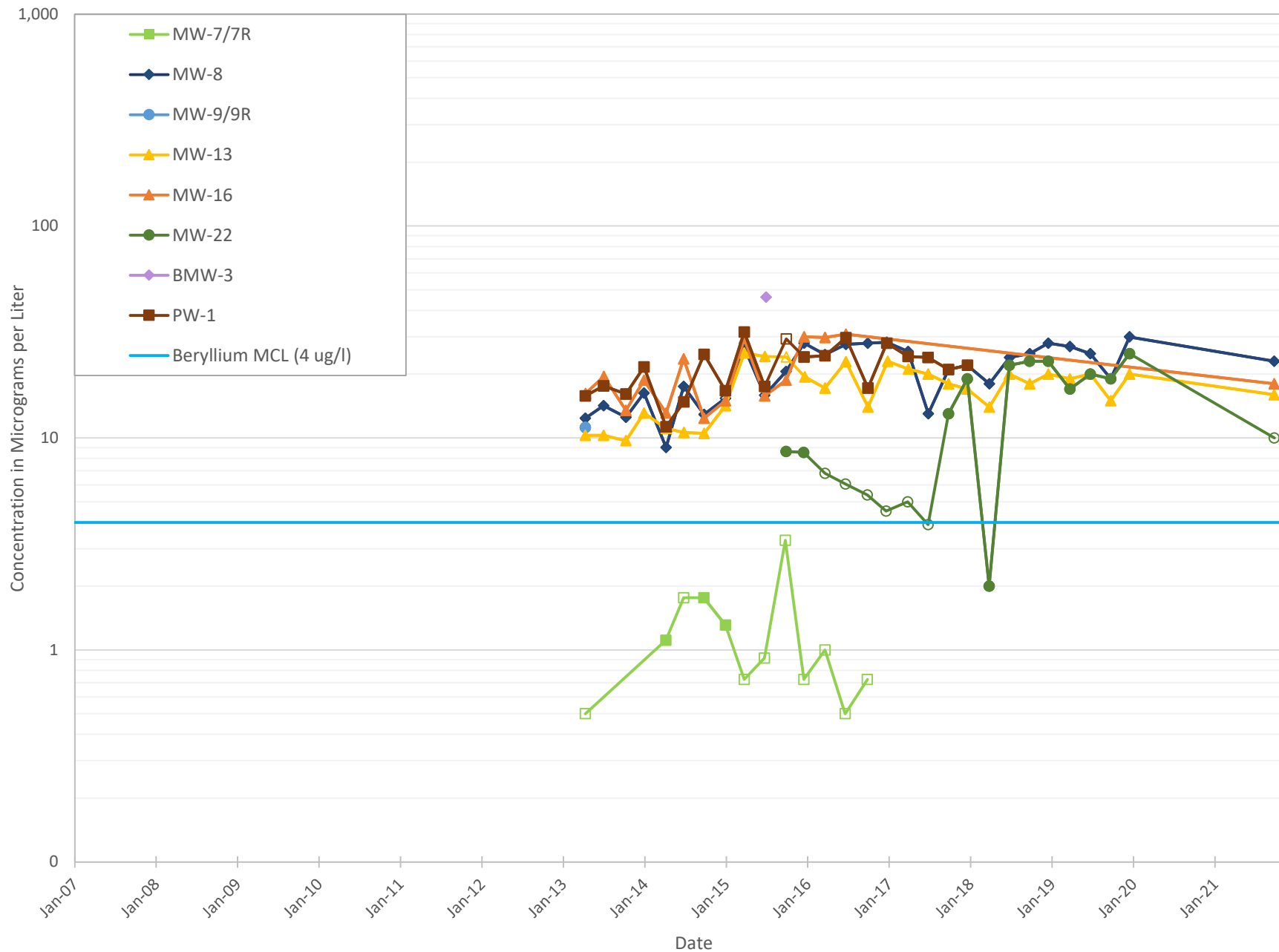
Graph 13b
Historic Arsenic Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



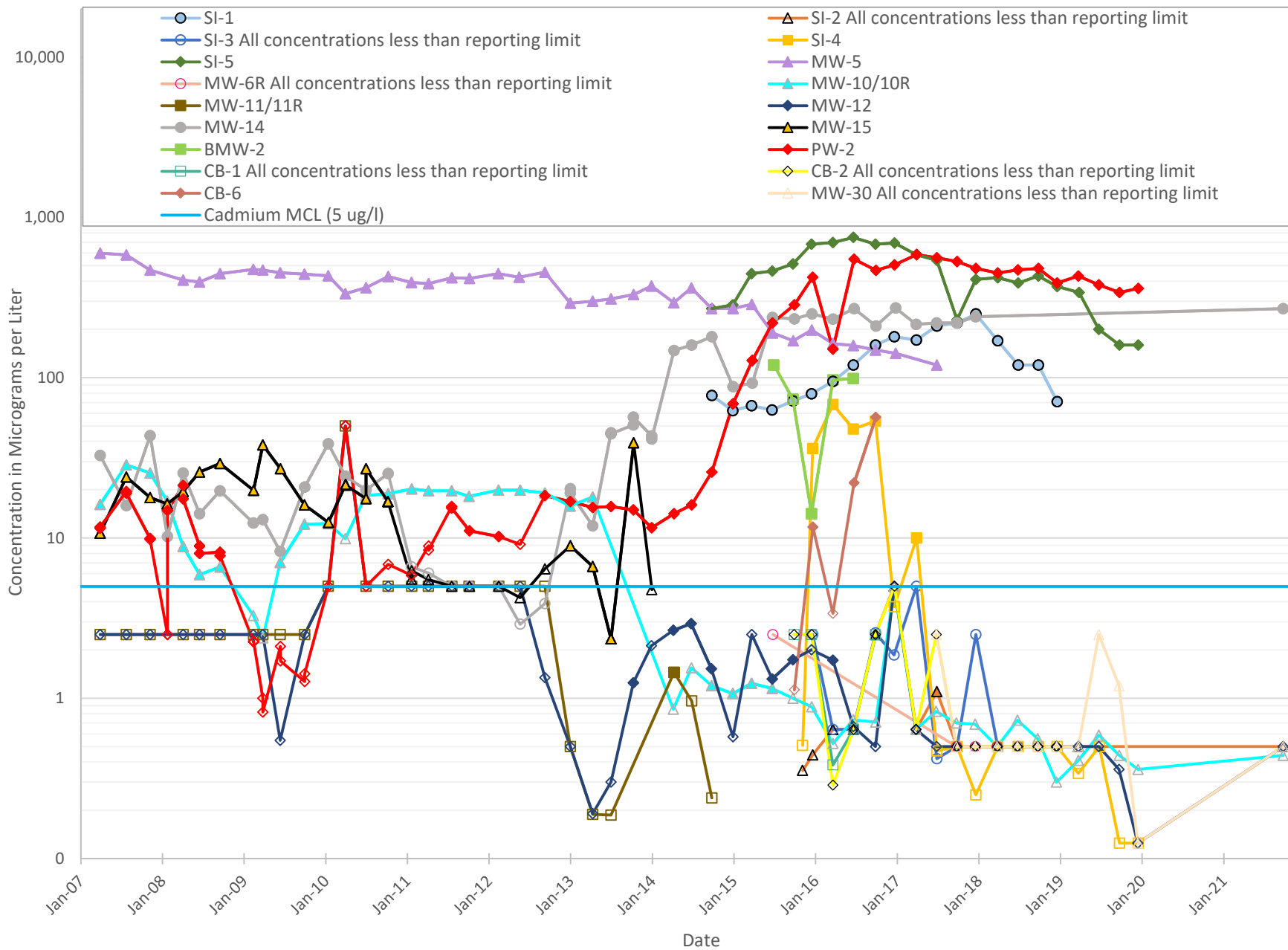
Graph 14a
Historic Beryllium Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



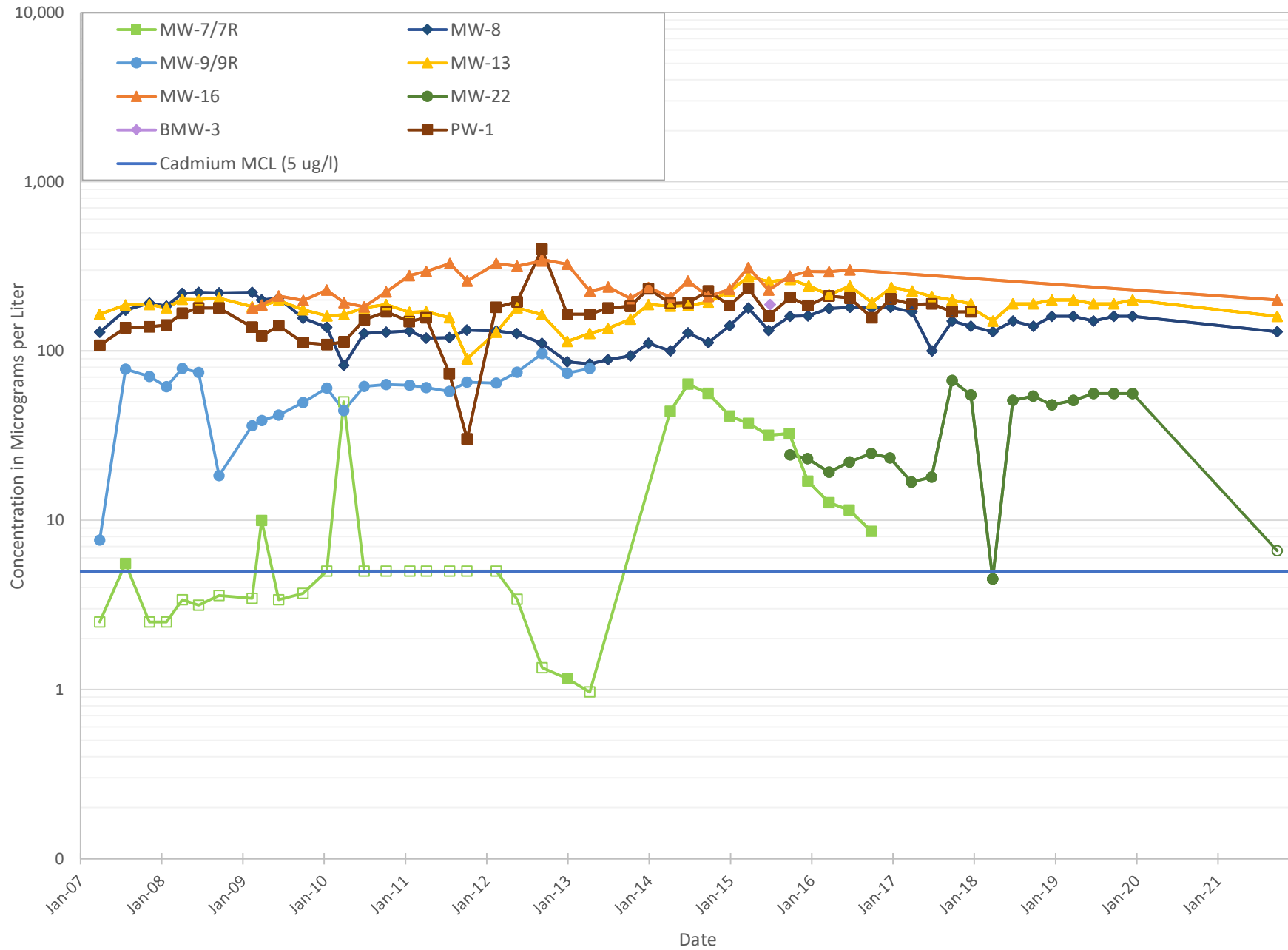
Graph 14b
Historic Beryllium Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



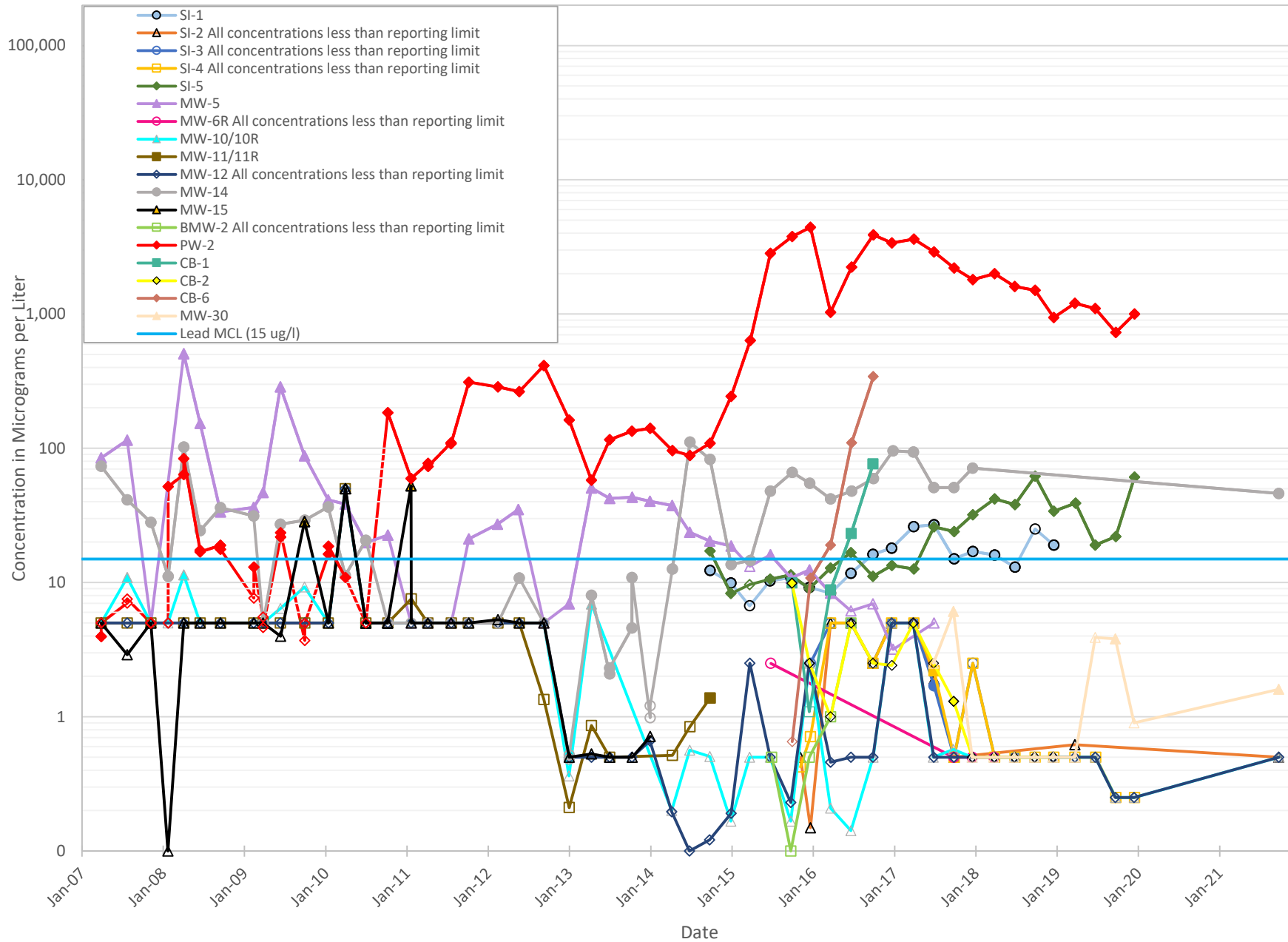
Graph 15a
Historic Cadmium Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



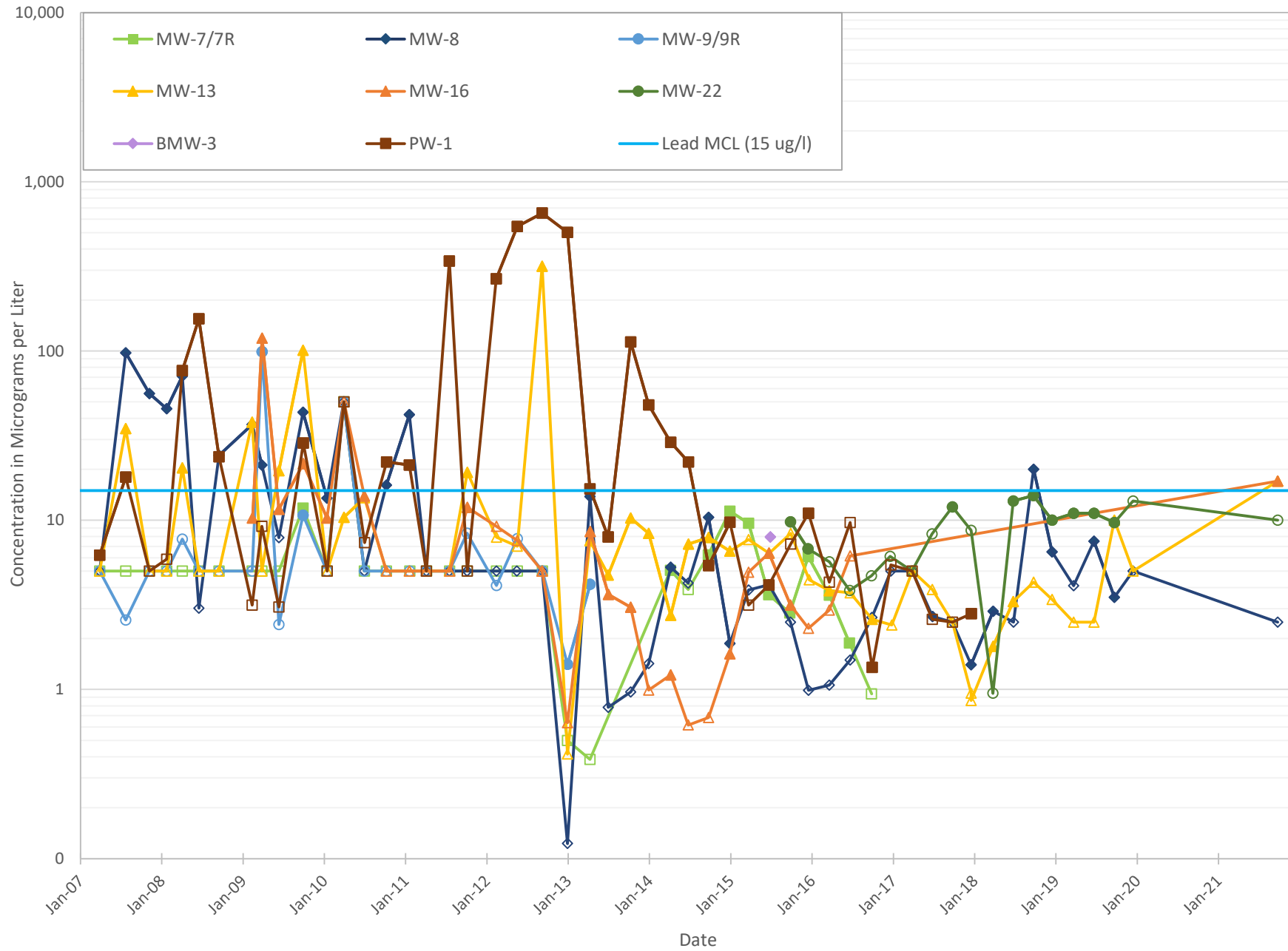
Graph 15b
Historic Cadmium Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



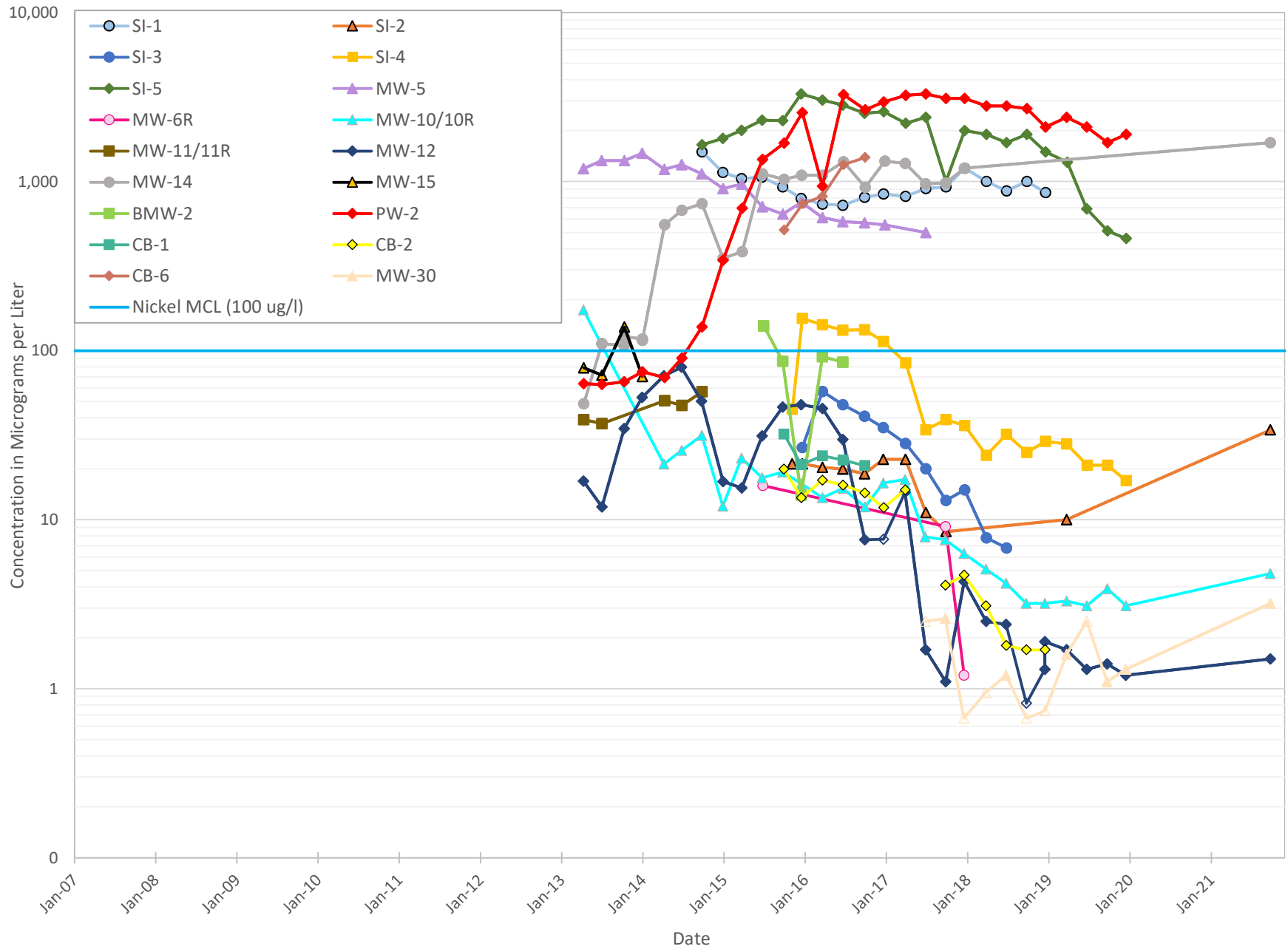
Graph 16a
Historic Lead Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



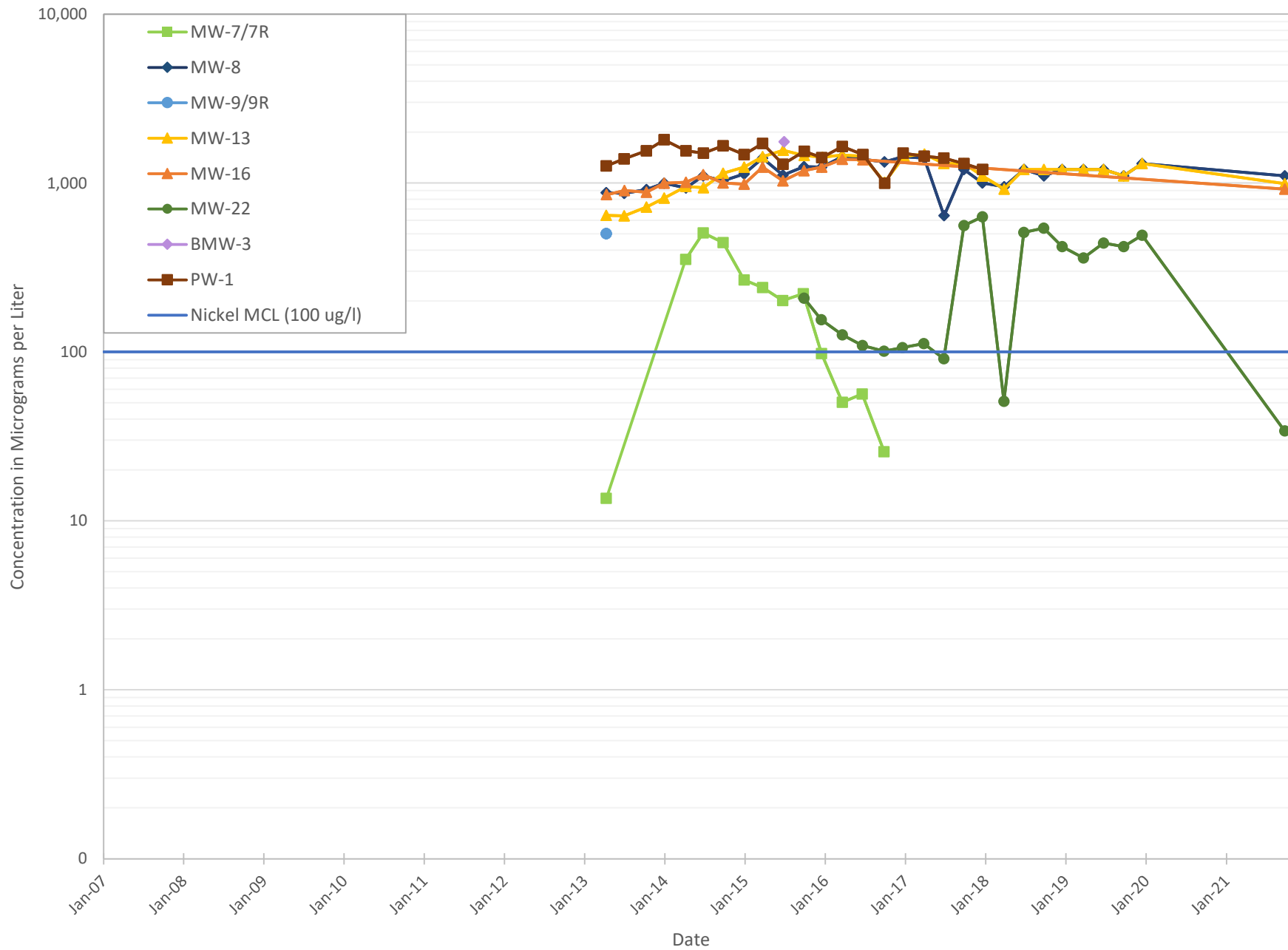
Graph 16b
Historic Lead Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



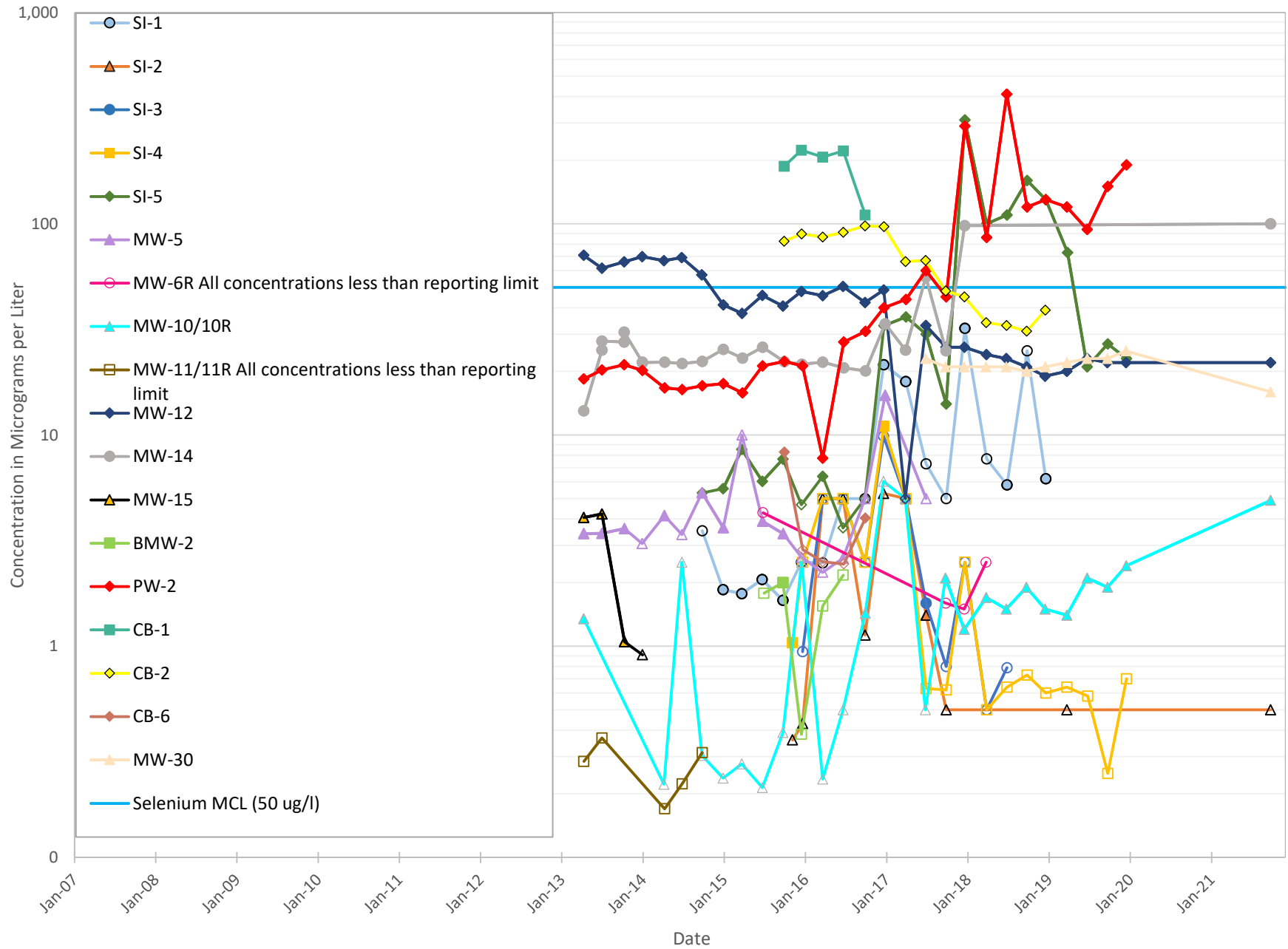
Graph 17a
Historic Nickel Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



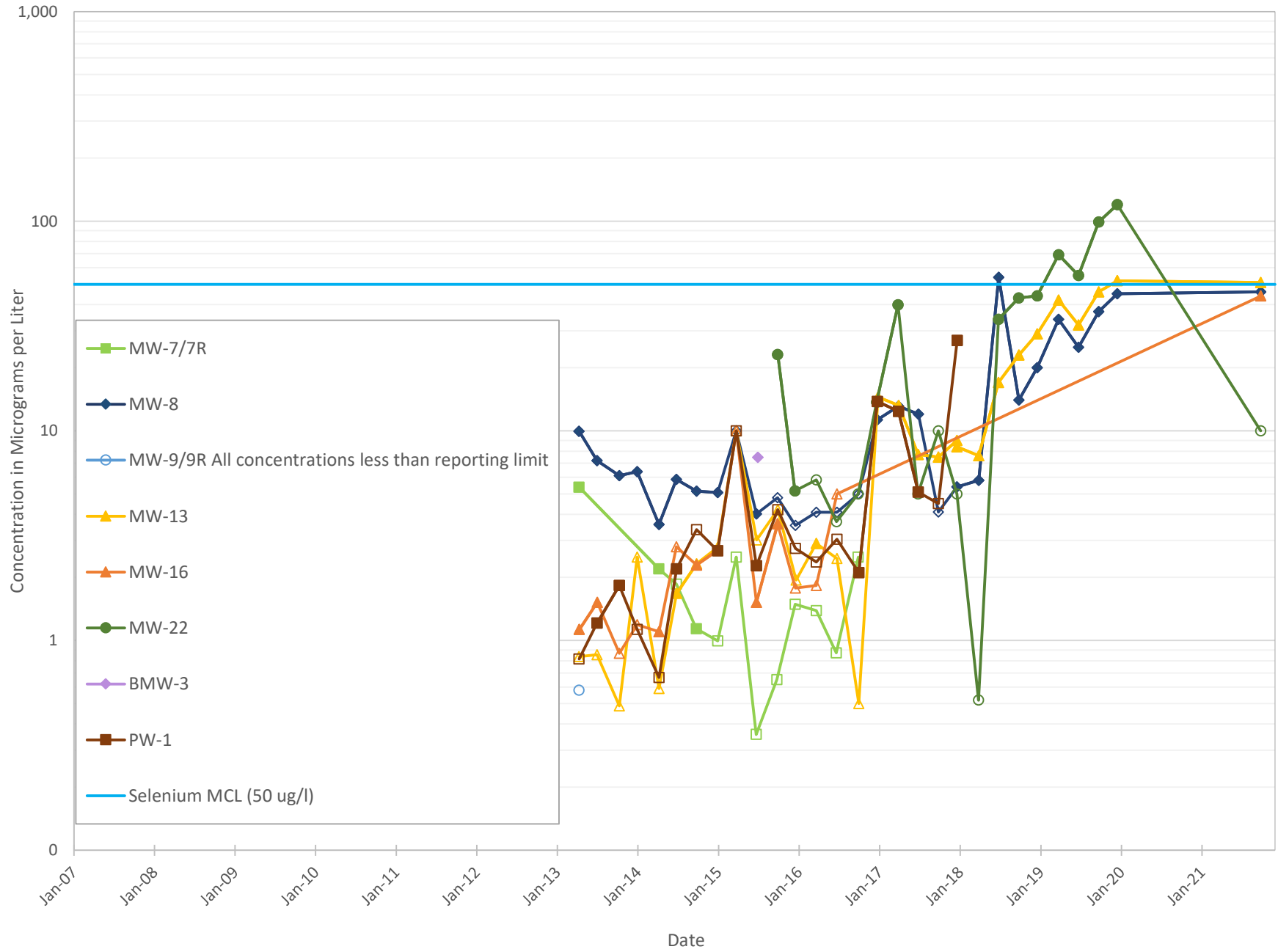
Graph 17b
Historic Nickel Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



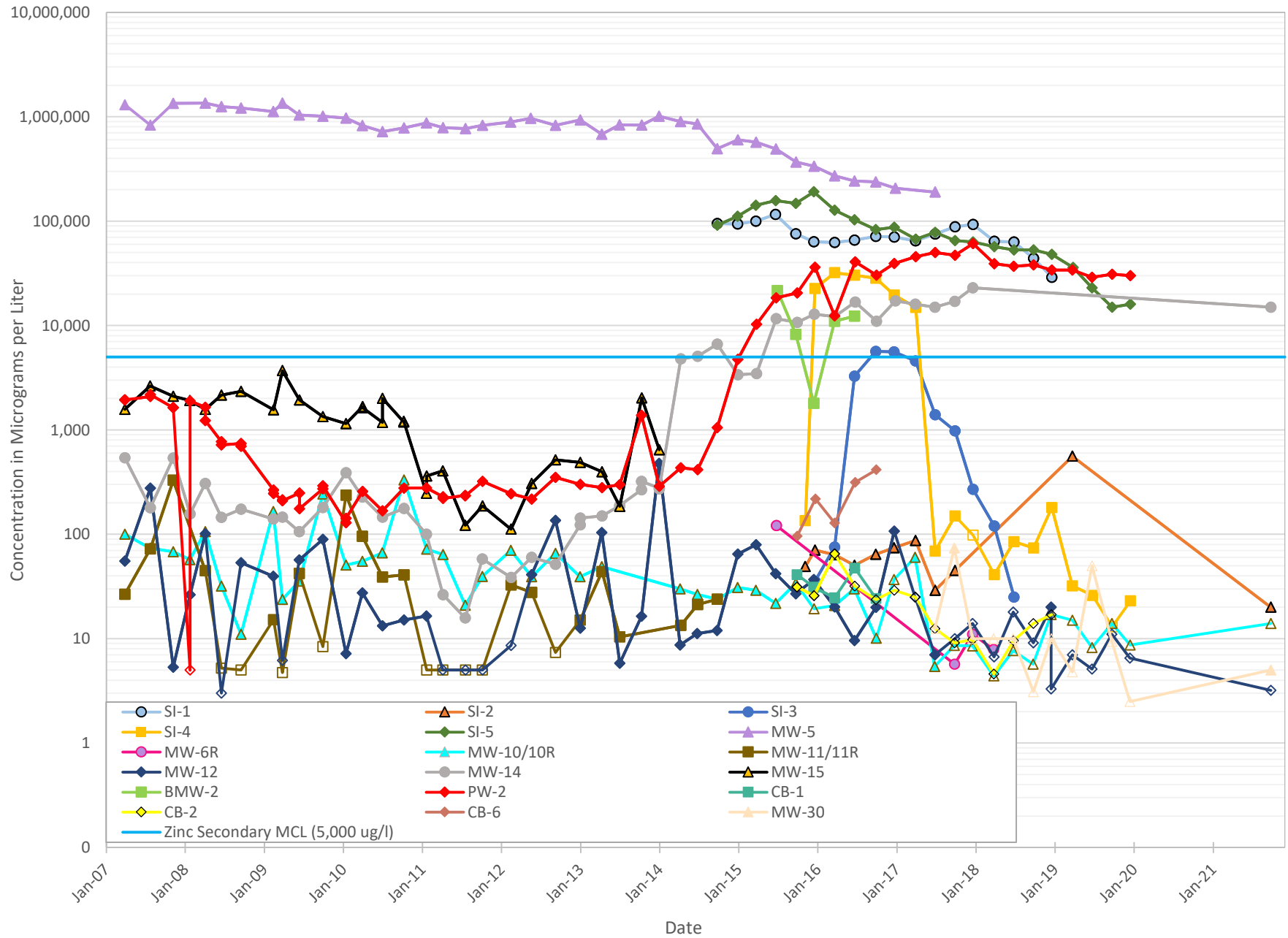
Graph 18a
Historic Selenium Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



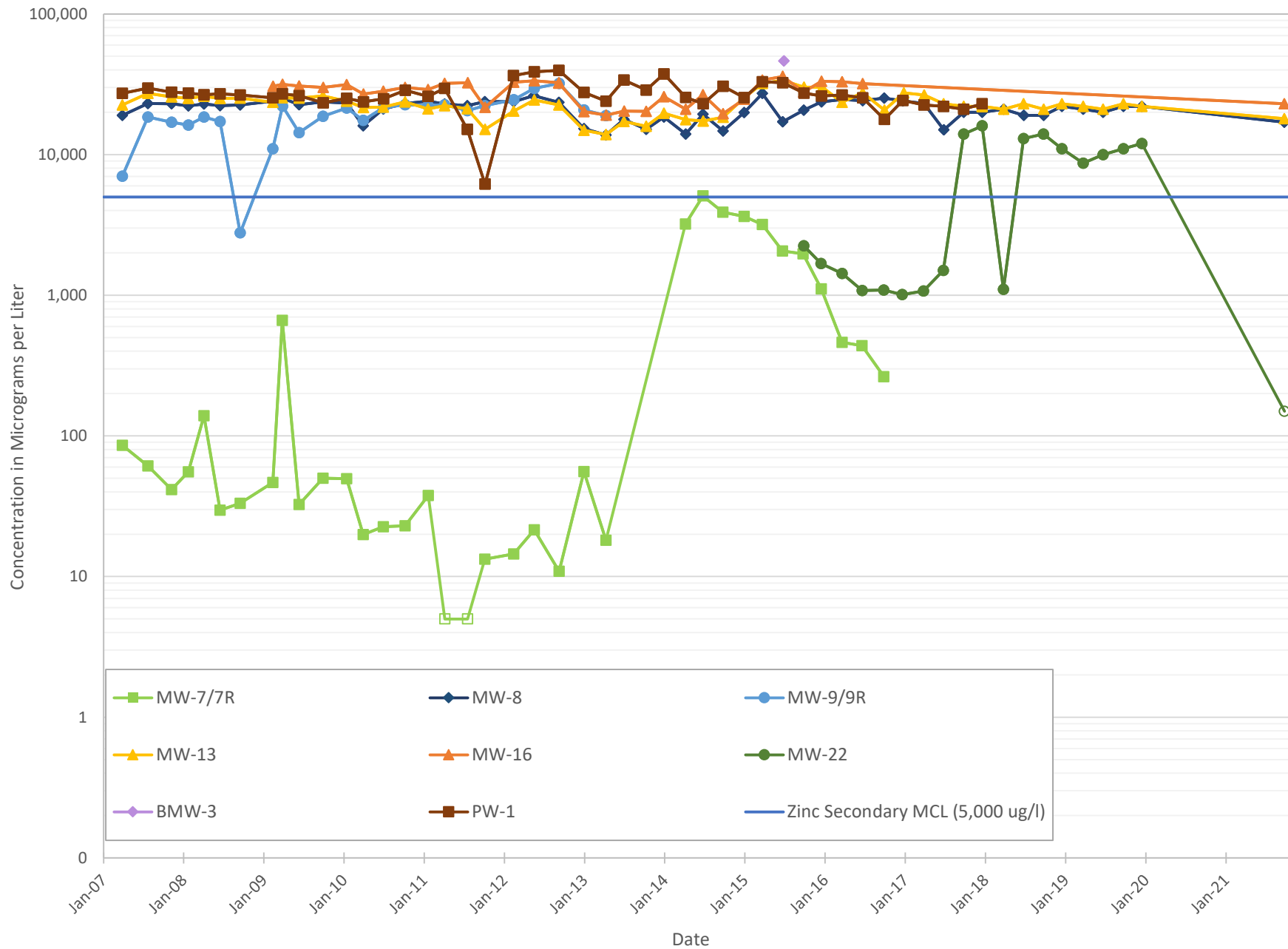
Graph 18b
Historic Selenium Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



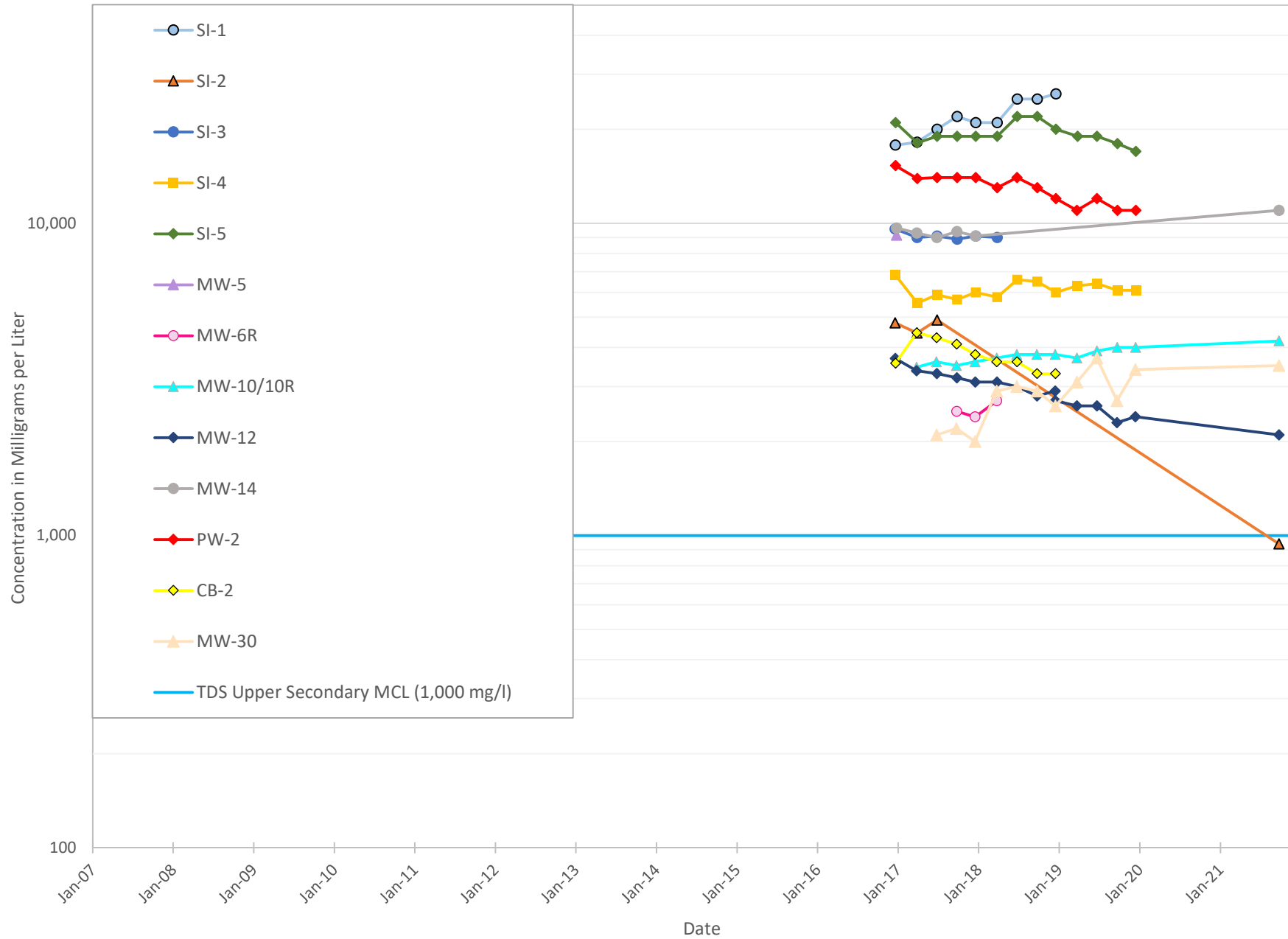
Graph 19a
Historic Zinc Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



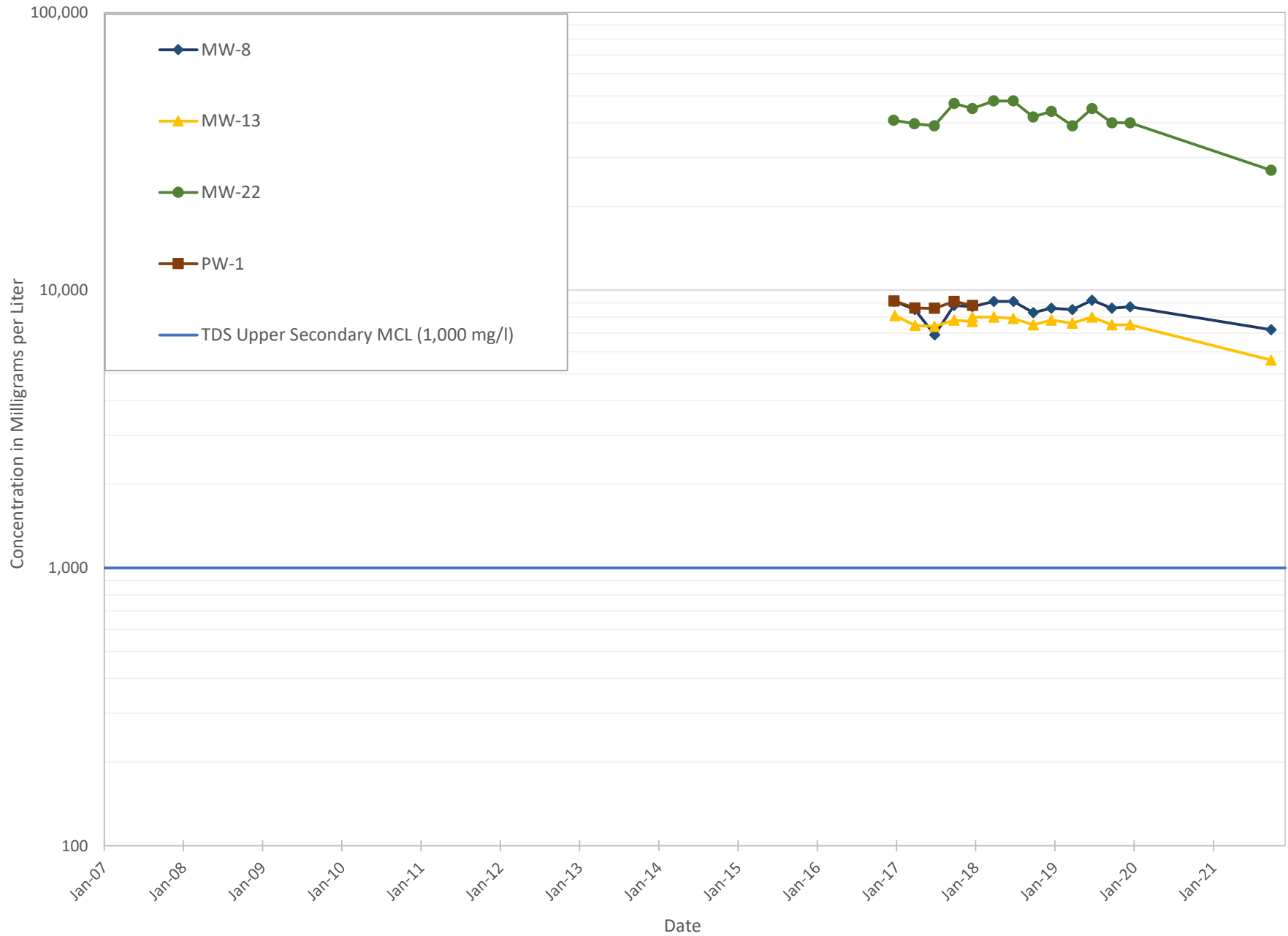
Graph 19b
Historic Zinc Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



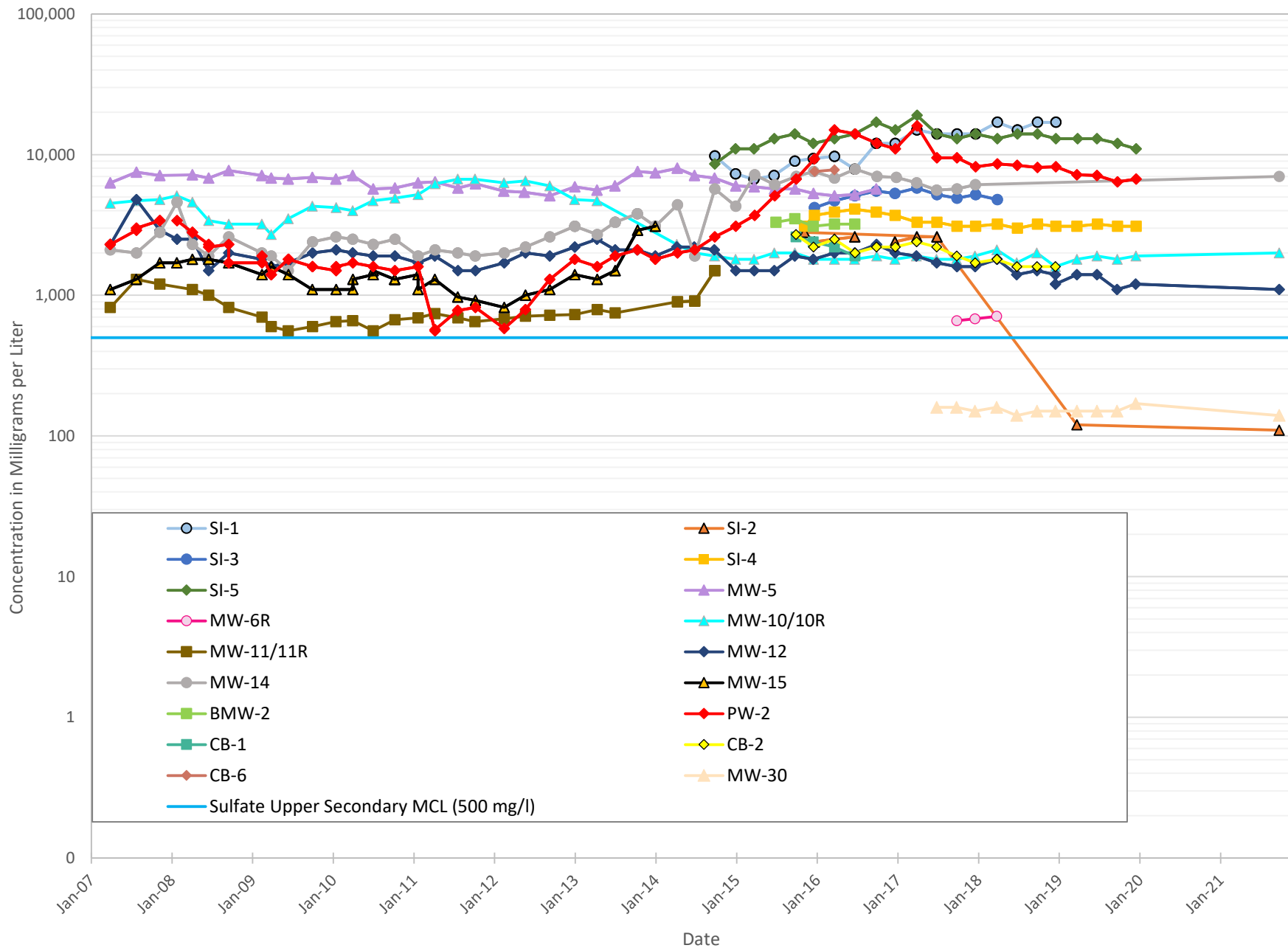
Graph 20a
Historic TDS Concentrations in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



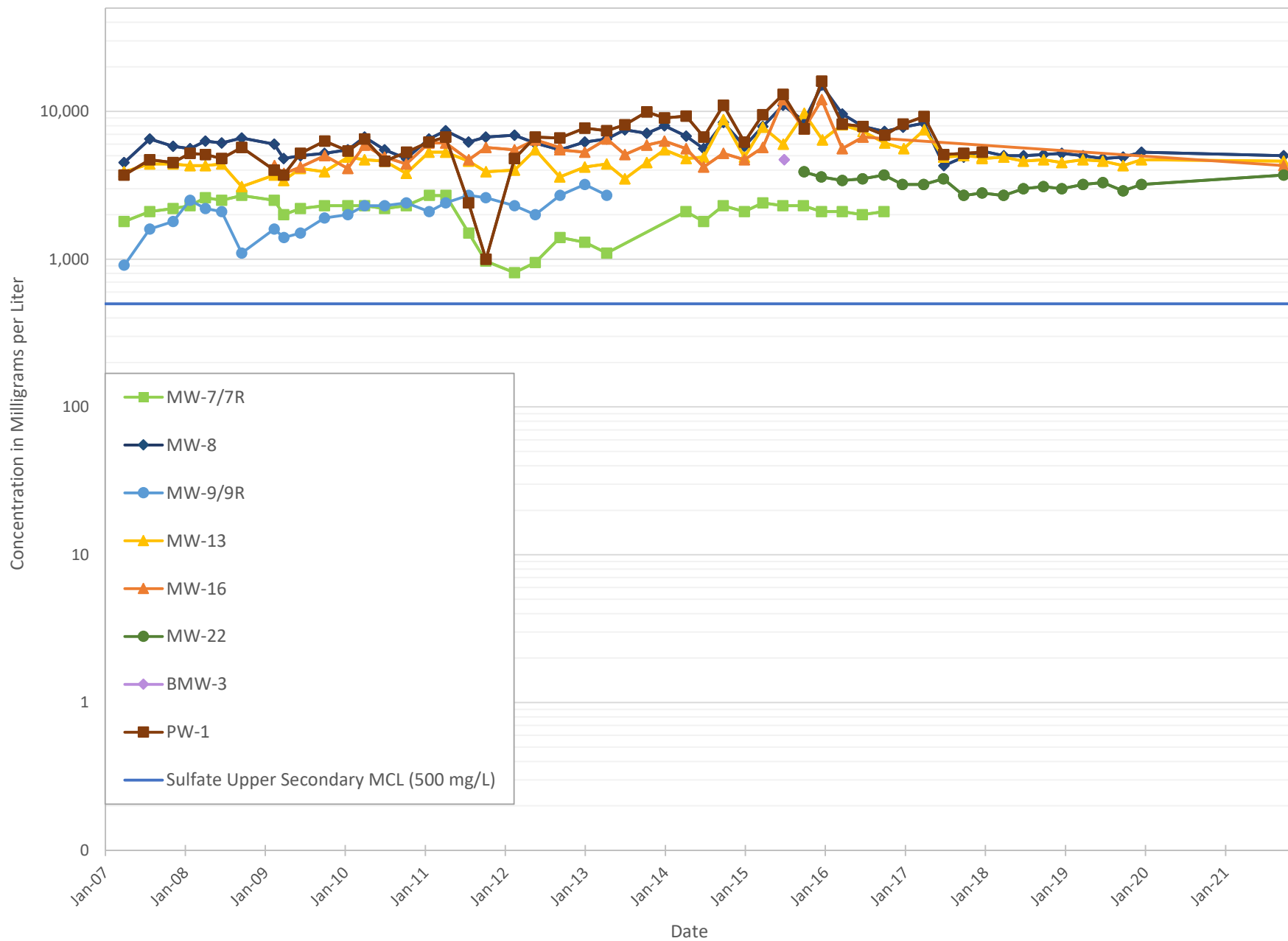
Graph 20b
Historic TDS Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



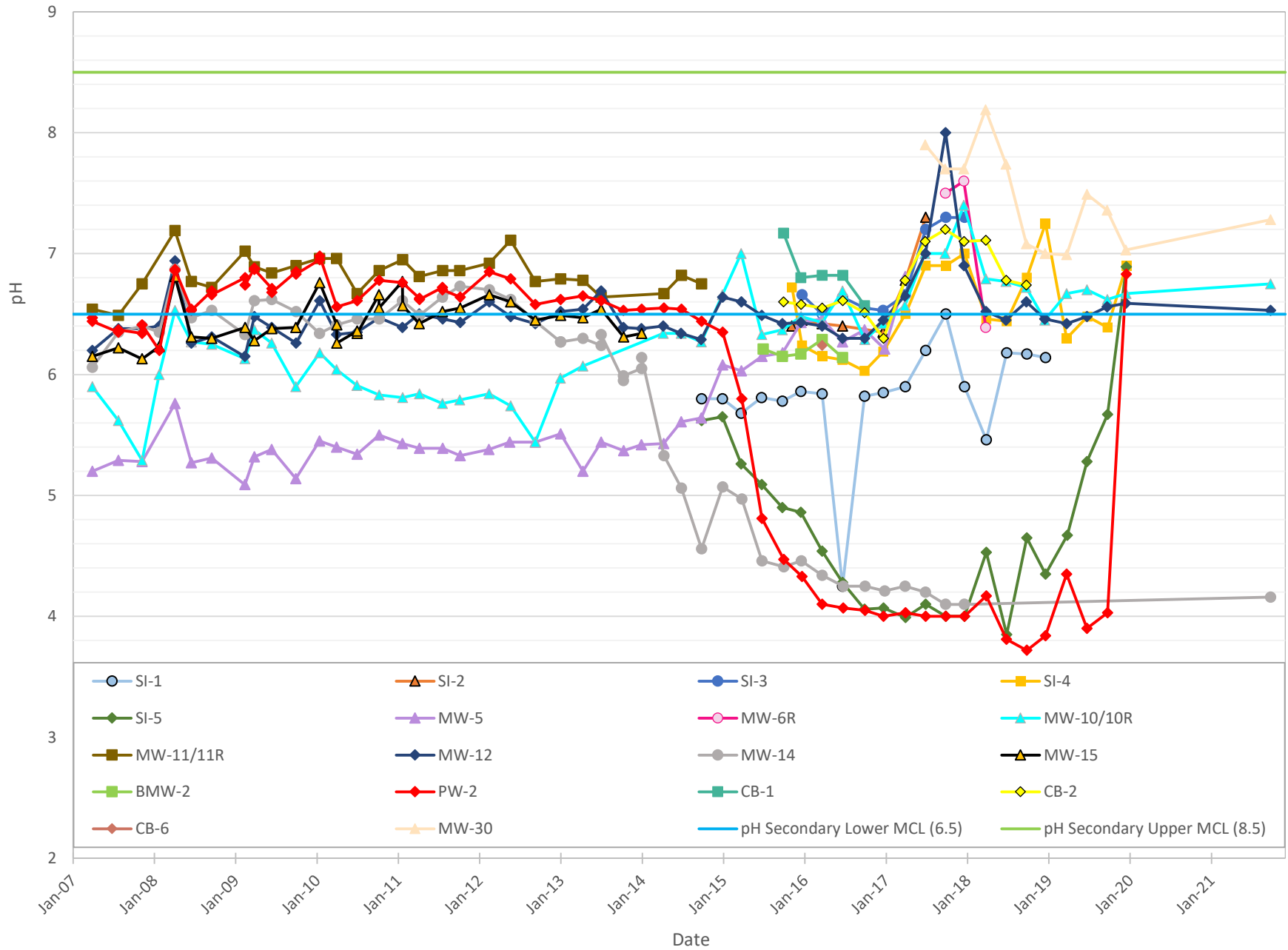
Graph 21a
Historic Sulfate Concentrations in Perched Zone Wells, Eastern Area
 Exide Technologies, Vernon, CA



Graph 21b
Historic Sulfate Concentrations in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA



Graph 22a
Historic pH in Perched Zone Wells, Eastern Area
Exide Technologies, Vernon, CA



Graph 22b
Historic pH in Perched Zone Wells, Western Area
Exide Technologies, Vernon, CA

